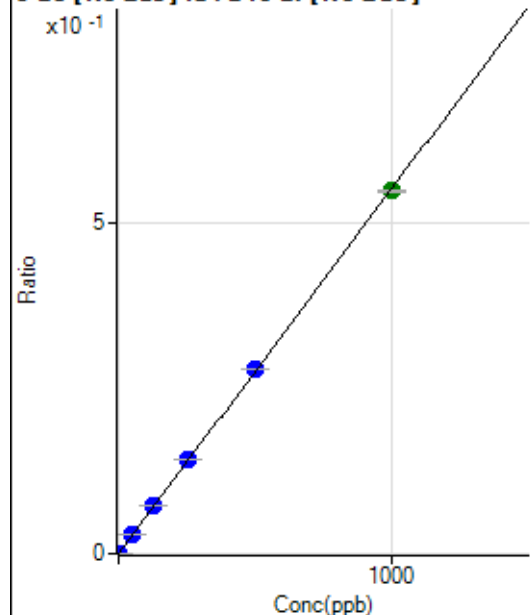


Batch Folder: D:\ICP-MS Data\P7090718 MS.b\  
Analysis File: P7090718 MS.batch.bin  
DA Date-Time: 2018-09-11 15:30:06  
Calibration Title:  
Calibration Method: External Calibration  
VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time      |
|-------|--------------------|-------------|---------------------|
| 1     | 003CALB.d          | S00         | 2018-09-07 14:52:09 |
| 2     |                    |             |                     |
| 3     | 005CALS.d          | S02         | 2018-09-07 15:00:31 |
| 4     | 006CALS.d          | S03         | 2018-09-07 15:04:25 |
| 5     | 007CALS.d          | S04         | 2018-09-07 15:08:36 |
| 6     | 008CALS.d          | S05         | 2018-09-07 15:12:25 |
| 7     | 009CALS.d          | S06         | 2018-09-07 15:16:12 |
| 8     | 010CALS.d          | S07         | 2018-09-07 15:19:57 |
| 9     | 011CALS.d          | S08         | 2018-09-07 15:23:42 |

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 40.74      | 0.0000 | P    | 30.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.041      | 2450.26    | 0.0006 | P    | 4.7  |
| 4 | <input type="checkbox"/> | 50.000   | 52.463     | 122230.50  | 0.0289 | P    | 0.3  |
| 5 | <input type="checkbox"/> | 125.000  | 130.935    | 302064.60  | 0.0722 | P    | 0.4  |
| 6 | <input type="checkbox"/> | 250.000  | 256.513    | 578443.55  | 0.1414 | P    | 0.5  |
| 7 | <input type="checkbox"/> | 500.000  | 505.278    | 1122515.72 | 0.2786 | P    | 0.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 994.868    | 2206507.49 | 0.5485 | A    | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 392.61     | 0.0001 | P    | 1.4  |

$$y = 5.5130\text{E-}004 * x + 9.9067\text{E-}006$$

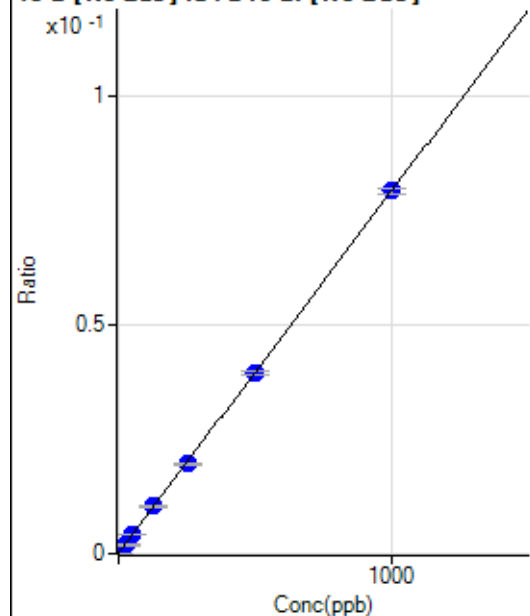
$$R = 0.9999$$

$$DL = 0.01645$$

$$BEC = 0.01797$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 405.58    | 0.0001 | P    | 12.9 |
| 2 | <input type="checkbox"/> | 2.500    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 25.000   | 23.215     | 8133.08   | 0.0019 | P    | 5.3  |
| 4 | <input type="checkbox"/> | 50.000   | 50.434     | 17299.47  | 0.0041 | P    | 2.9  |
| 5 | <input type="checkbox"/> | 125.000  | 129.038    | 43184.94  | 0.0103 | P    | 3.2  |
| 6 | <input type="checkbox"/> | 250.000  | 247.072    | 80467.07  | 0.0197 | P    | 1.4  |
| 7 | <input type="checkbox"/> | 500.000  | 499.575    | 159869.32 | 0.0397 | P    | 2.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.462   | 319279.23 | 0.0794 | P    | 1.4  |
| 9 | <input type="checkbox"/> |          |            | 14112.64  | 0.0036 | P    | 8.0  |

$$y = 7.9225\text{E-}005 * x + 9.8880\text{E-}005$$

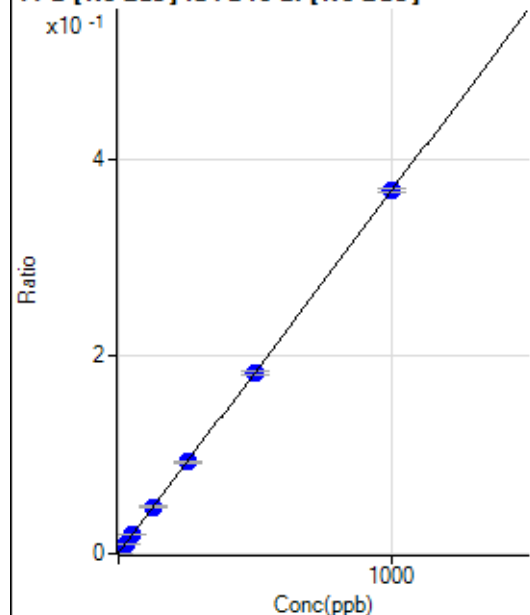
$$R = 1.0000$$

$$DL = 0.4822$$

$$BEC = 1.248$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1964.09    | 0.0005 | P   | 5.4  |
| 2 | <input type="checkbox"/> | 2.500    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 25.000   | 23.545     | 38285.56   | 0.0091 | P   | 1.3  |
| 4 | <input type="checkbox"/> | 50.000   | 49.928     | 79464.67   | 0.0188 | P   | 1.9  |
| 5 | <input type="checkbox"/> | 125.000  | 128.386    | 199218.97  | 0.0476 | P   | 1.4  |
| 6 | <input type="checkbox"/> | 250.000  | 252.515    | 381126.07  | 0.0932 | P   | 1.7  |
| 7 | <input type="checkbox"/> | 500.000  | 498.382    | 739197.18  | 0.1835 | P   | 1.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.797    | 1478677.21 | 0.3675 | P   | 1.0  |
| 9 | <input type="checkbox"/> |          |            | 64796.08   | 0.0166 | P   | 10.8 |

$$y = 3.6714E-004 * x + 4.7845E-004$$

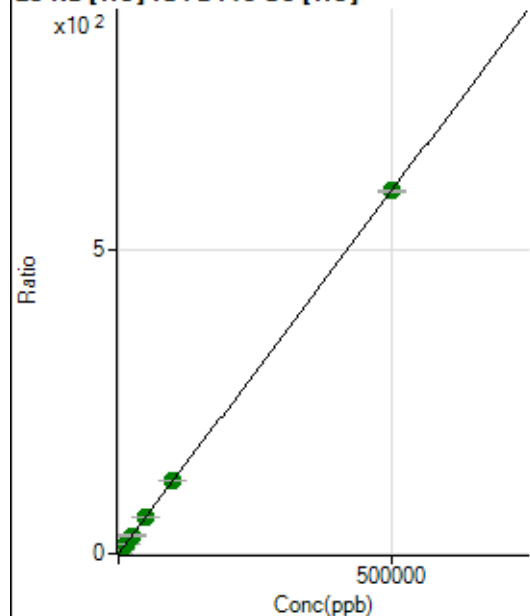
$$R = 1.0000$$

$$DL = 0.2108$$

$$BEC = 1.303$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio    | Det | RSD |
|---|--------------------------|-----------|------------|-------------|----------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 23051.81    | 0.0643   | P   | 3.8 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |     |     |
| 3 | <input type="checkbox"/> | 500.000   | 488.303    | 234881.42   | 0.6485   | P   | 0.3 |
| 4 | <input type="checkbox"/> | 5000.000  | 5010.364   | 2208544.93  | 6.0589   | A   | 0.6 |
| 5 | <input type="checkbox"/> | 12500.000 | 12610.896  | 5472594.44  | 15.1526  | A   | 0.2 |
| 6 | <input type="checkbox"/> | 25000.000 | 25103.984  | 10568389.99 | 30.1000  | A   | 1.1 |
| 7 | <input type="checkbox"/> | 50000.000 | 50044.930  | 21029786.58 | 59.9407  | A   | 0.3 |
| 8 | <input type="checkbox"/> | 100000.00 | 100146.44  | 42458694.70 | 119.8848 | A   | 0.1 |
| 9 | <input type="checkbox"/> | 500000.00 | 499958.15  | 208138753.2 | 598.2410 | A   | 0.7 |

$$y = 0.0012 * x + 0.0643$$

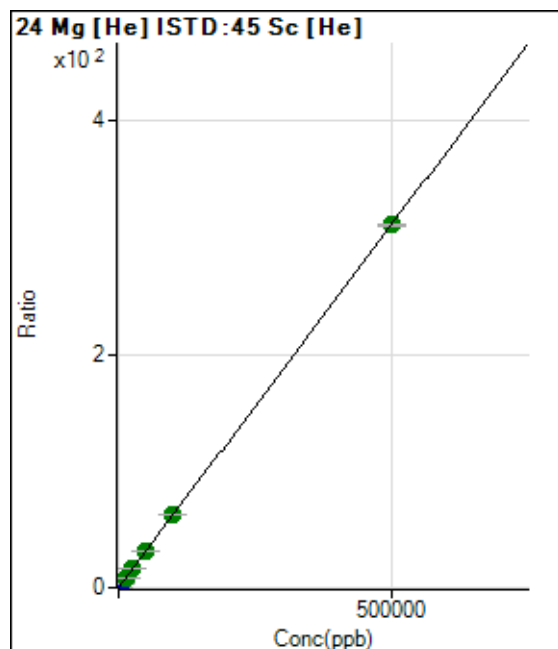
$$R = 1.0000$$

$$DL = 6.191$$

$$BEC = 53.7$$

Weight: &lt;None&gt;

Min Conc: 0



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio    | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|----------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 219.45      | 0.0006   | P    | 8.8 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 495.981    | 111963.81   | 0.3091   | P    | 0.7 |
| 4 | <input type="checkbox"/> | 5000.000  | 5064.522   | 1148569.81  | 3.1510   | P    | 0.3 |
| 5 | <input type="checkbox"/> | 12500.000 | 12791.569  | 2873985.20  | 7.9575   | A    | 0.6 |
| 6 | <input type="checkbox"/> | 25000.000 | 25368.855  | 5540899.91  | 15.7811  | A    | 1.1 |
| 7 | <input type="checkbox"/> | 50000.000 | 50360.200  | 10990744.52 | 31.3268  | A    | 0.5 |
| 8 | <input type="checkbox"/> | 100000.00 | 100848.71  | 22217563.17 | 62.7328  | A    | 0.5 |
| 9 | <input type="checkbox"/> | 500000.00 | 499767.86  | 108160118.3 | 310.8777 | A    | 0.7 |

$$y = 6.2204\text{E-}004 * x + 6.1174\text{E-}004$$

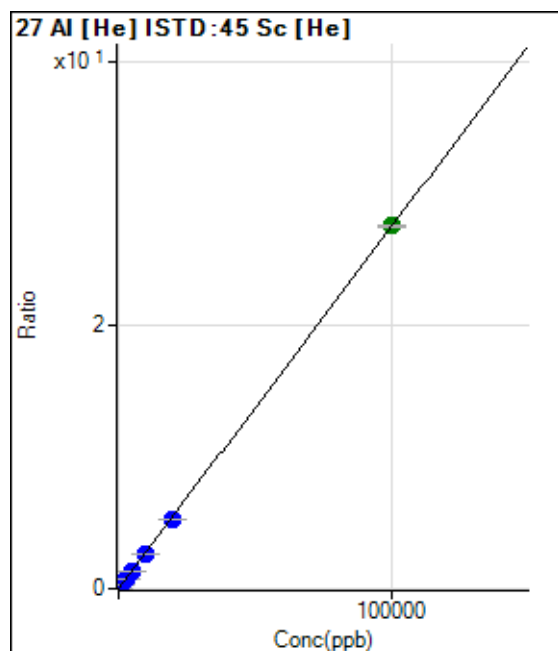
$$R = 1.0000$$

$$DL = 0.2592$$

$$BEC = 0.9834$$

Weight: <None>

Min Conc: 0



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS        | Ratio   | Det. | RSD  |
|---|--------------------------|-----------|------------|------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 69.45      | 0.0002  | P    | 45.6 |
| 2 | <input type="checkbox"/> | 2.000     |            |            |         |      |      |
| 3 | <input type="checkbox"/> | 20.000    | 17.927     | 1852.98    | 0.0051  | P    | 10.0 |
| 4 | <input type="checkbox"/> | 1000.000  | 990.184    | 99205.50   | 0.2722  | P    | 1.4  |
| 5 | <input type="checkbox"/> | 2500.000  | 2448.846   | 243002.15  | 0.6728  | P    | 1.2  |
| 6 | <input type="checkbox"/> | 5000.000  | 4875.097   | 470222.61  | 1.3392  | P    | 0.4  |
| 7 | <input type="checkbox"/> | 10000.000 | 9672.284   | 932131.80  | 2.6568  | P    | 0.6  |
| 8 | <input type="checkbox"/> | 20000.000 | 19178.251  | 1865654.71 | 5.2678  | P    | 0.7  |
| 9 | <input type="checkbox"/> | 100000.00 | 100204.74  | 9575691.80 | 27.5229 | A    | 0.9  |

$$y = 2.7467\text{E-}004 * x + 1.9375\text{E-}004$$

$$R = 1.0000$$

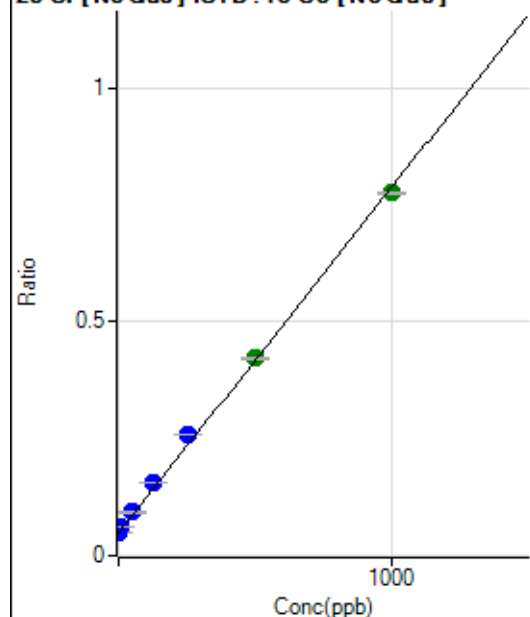
$$DL = 0.965$$

$$BEC = 0.7054$$

Weight: <None>

Min Conc: 0

28 Si [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      | 388307.17  | 0.0487 | P    | 1.9 |
| 2 | <input type="checkbox"/> | 1.000    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 10.000   | 15.886     | 490950.62  | 0.0604 | P    | 0.7 |
| 4 | <input type="checkbox"/> | 50.000   | 59.492     | 753360.90  | 0.0926 | P    | 0.6 |
| 5 | <input type="checkbox"/> | 125.000  | 146.945    | 1273647.17 | 0.1573 | P    | 0.5 |
| 6 | <input type="checkbox"/> | 250.000  | 284.981    | 2031535.81 | 0.2593 | P    | 0.6 |
| 7 | <input type="checkbox"/> | 500.000  | 507.248    | 3277888.92 | 0.4236 | A    | 1.0 |
| 8 | <input type="checkbox"/> | 1000.000 | 984.354    | 6132330.61 | 0.7762 | A    | 0.7 |
| 9 | <input type="checkbox"/> |          |            | 594521.45  | 0.0766 | P    | 1.2 |

$$y = 7.3912\text{E-}004 * x + 0.0487$$

$$R = 0.9992$$

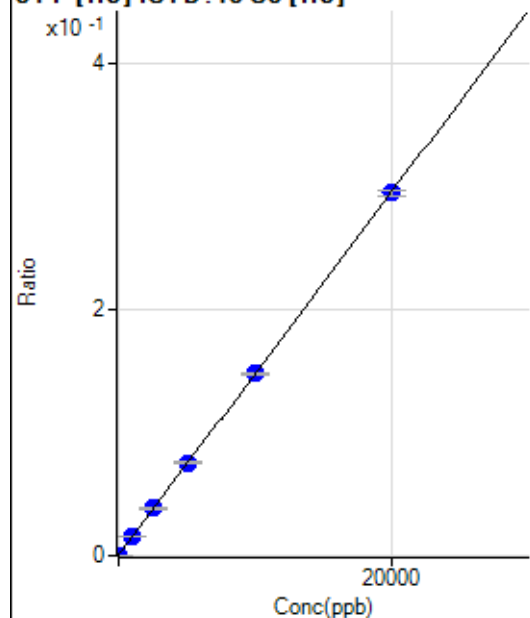
$$DL = 3.659$$

$$BEC = 65.83$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|-----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | -1.163     | 150.01    | 0.0004 | P    | 38.8 |
| 2 | <input type="checkbox"/> | 0.000     |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 0.000     | 1.163      | 163.90    | 0.0005 | P    | 7.0  |
| 4 | <input type="checkbox"/> | 1000.000  | 1039.739   | 5737.42   | 0.0157 | P    | 4.6  |
| 5 | <input type="checkbox"/> | 2500.000  | 2569.767   | 13818.06  | 0.0383 | P    | 2.6  |
| 6 | <input type="checkbox"/> | 5000.000  | 5085.868   | 26438.08  | 0.0753 | P    | 2.3  |
| 7 | <input type="checkbox"/> | 10000.000 | 10019.637  | 51896.78  | 0.1479 | P    | 1.1  |
| 8 | <input type="checkbox"/> | 20000.000 | 19958.007  | 104195.59 | 0.2942 | P    | 1.5  |
| 9 | <input type="checkbox"/> |           |            | 225.01    | 0.0006 | P    | 35.8 |

$$y = 1.4720\text{E-}005 * x + 4.3523\text{E-}004$$

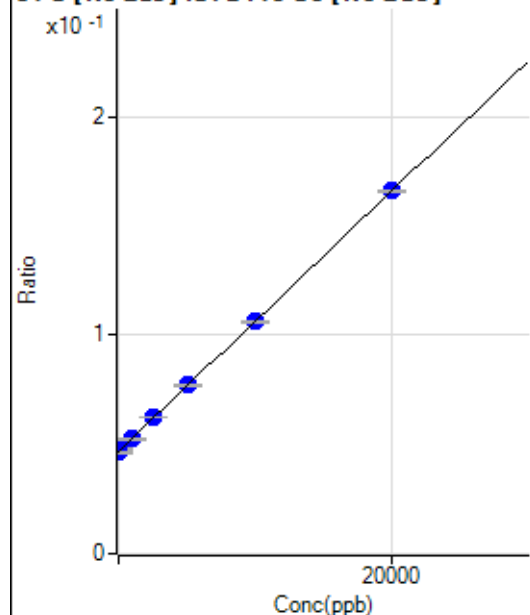
$$R = 1.0000$$

$$DL = 19.79$$

$$BEC = 29.57$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD |
|---|--------------------------|-----------|------------|------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 114.469    | 379437.69  | 0.0475 | P        | 1.9 |
| 2 | <input type="checkbox"/> | 0.000     |            |            |        |          |     |
| 3 | <input type="checkbox"/> | 0.000     | -114.469   | 375400.69  | 0.0462 | P        | 0.7 |
| 4 | <input type="checkbox"/> | 1000.000  | 961.328    | 427676.62  | 0.0526 | P        | 1.4 |
| 5 | <input type="checkbox"/> | 2500.000  | 2575.095   | 503663.46  | 0.0622 | P        | 0.2 |
| 6 | <input type="checkbox"/> | 5000.000  | 5080.439   | 604099.28  | 0.0771 | P        | 0.5 |
| 7 | <input type="checkbox"/> | 10000.000 | 9940.593   | 820521.39  | 0.1060 | P        | 0.8 |
| 8 | <input type="checkbox"/> | 20000.000 | 20002.141  | 1310750.91 | 0.1659 | P        | 0.5 |
| 9 | <input type="checkbox"/> |           |            | 327343.35  | 0.0422 | P        | 0.3 |

$$y = 5.9516E-006 * x + 0.0469$$

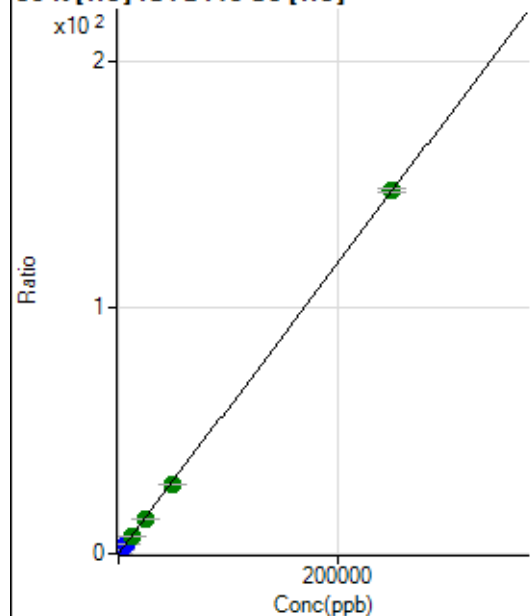
R = 0.9999

DL = 310.2

BEC = 7874

Weight: <None>

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det<br>. | RSD |
|---|--------------------------|-----------|------------|-------------|----------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 21329.96    | 0.0595   | P        | 3.0 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |          |     |
| 3 | <input type="checkbox"/> | 500.000   | 470.831    | 121721.11   | 0.3361   | P        | 0.6 |
| 4 | <input type="checkbox"/> | 2500.000  | 2409.781   | 537700.51   | 1.4751   | P        | 0.5 |
| 5 | <input type="checkbox"/> | 6250.000  | 6056.078   | 1306405.23  | 3.6172   | P        | 0.3 |
| 6 | <input type="checkbox"/> | 12500.000 | 12011.319  | 2498452.81  | 7.1157   | A        | 0.8 |
| 7 | <input type="checkbox"/> | 25000.000 | 24058.687  | 4979566.47  | 14.1931  | A        | 0.3 |
| 8 | <input type="checkbox"/> | 50000.000 | 48271.894  | 10064392.07 | 28.4175  | A        | 0.1 |
| 9 | <input type="checkbox"/> | 250000.00 | 250469.99  | 51213864.69 | 147.2019 | A        | 0.9 |

$$y = 5.8747E-004 * x + 0.0595$$

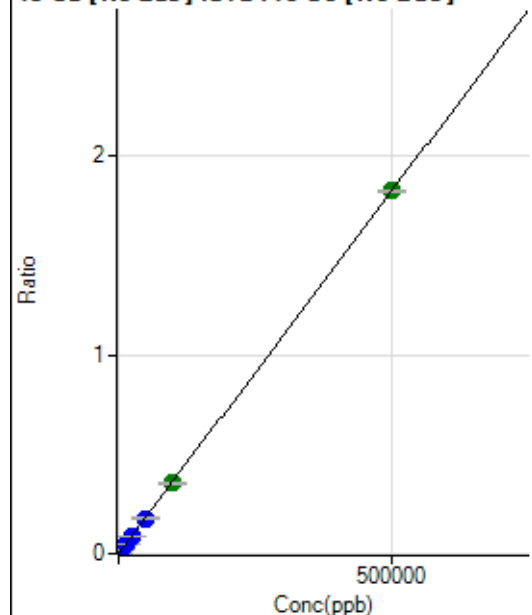
R = 1.0000

DL = 9.011

BEC = 101.2

Weight: <None>

Min Conc: 0

**43 Ca [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      | 233.35      | 0.0000 | P    | 12.4 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 500.000   | 457.506    | 13779.17    | 0.0017 | P    | 0.9  |
| 4 | <input type="checkbox"/> | 5000.000  | 4929.666   | 146227.87   | 0.0180 | P    | 0.5  |
| 5 | <input type="checkbox"/> | 12500.000 | 12520.660  | 369468.90   | 0.0456 | P    | 0.5  |
| 6 | <input type="checkbox"/> | 25000.000 | 24699.181  | 704882.01   | 0.0900 | P    | 1.0  |
| 7 | <input type="checkbox"/> | 50000.000 | 49090.220  | 1383529.27  | 0.1788 | P    | 1.0  |
| 8 | <input type="checkbox"/> | 100000.00 | 96967.453  | 2789678.08  | 0.3531 | A    | 0.6  |
| 9 | <input type="checkbox"/> | 500000.00 | 500712.75  | 14150688.51 | 1.8232 | A    | 0.8  |

$$y = 3.6412\text{E-}006 * x + 2.9238\text{E-}005$$

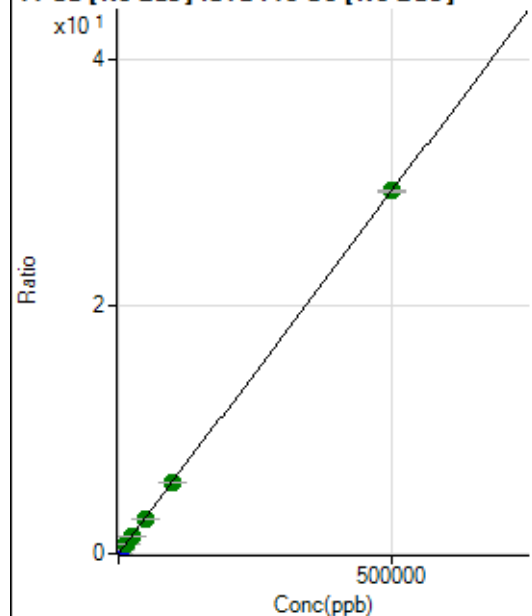
$$R = 1.0000$$

$$DL = 2.986$$

$$BEC = 8.03$$

Weight: &lt;None&gt;

Min Conc: 0

**44 Ca [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      | 7202.07     | 0.0009  | P    | 3.5 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |         |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 474.397    | 233436.41   | 0.0287  | P    | 0.6 |
| 4 | <input type="checkbox"/> | 5000.000  | 4929.529   | 2358127.90  | 0.2899  | P    | 0.6 |
| 5 | <input type="checkbox"/> | 12500.000 | 12252.133  | 5825178.86  | 0.7193  | A    | 0.9 |
| 6 | <input type="checkbox"/> | 25000.000 | 24419.719  | 11225766.92 | 1.4327  | A    | 0.6 |
| 7 | <input type="checkbox"/> | 50000.000 | 48694.250  | 22102862.13 | 2.8560  | A    | 0.5 |
| 8 | <input type="checkbox"/> | 100000.00 | 97485.883  | 45164965.94 | 5.7169  | A    | 0.7 |
| 9 | <input type="checkbox"/> | 500000.00 | 500669.33  | 227850016.2 | 29.3571 | A    | 0.7 |

$$y = 5.8634\text{E-}005 * x + 9.0259\text{E-}004$$

$$R = 1.0000$$

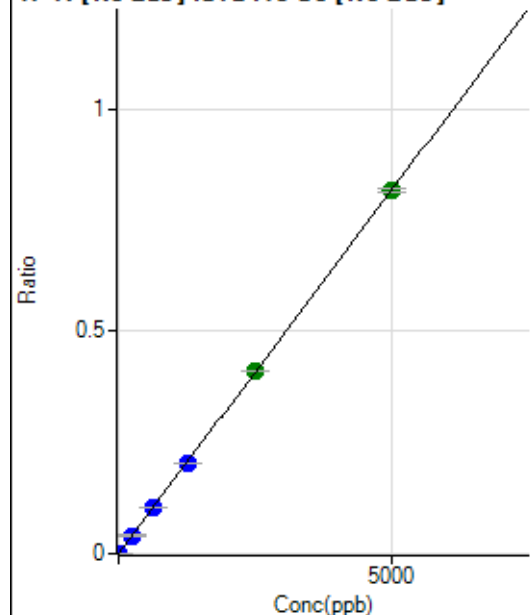
$$DL = 1.607$$

$$BEC = 15.39$$

Weight: &lt;None&gt;

Min Conc: 0

47 Ti [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      | 125.01     | 0.0000 | P   | 53.3 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 5.149      | 6971.37    | 0.0009 | P   | 1.9  |
| 4 | <input type="checkbox"/> | 250.000  | 251.128    | 334102.66  | 0.0411 | P   | 0.5  |
| 5 | <input type="checkbox"/> | 625.000  | 632.086    | 837144.65  | 0.1034 | P   | 1.0  |
| 6 | <input type="checkbox"/> | 1250.000 | 1248.370   | 1599461.21 | 0.2041 | P   | 0.4  |
| 7 | <input type="checkbox"/> | 2500.000 | 2513.555   | 3180809.53 | 0.4110 | A   | 0.7  |
| 8 | <input type="checkbox"/> | 5000.000 | 4992.688   | 6449694.15 | 0.8164 | A   | 1.0  |
| 9 | <input type="checkbox"/> |          |            | 1391.79    | 0.0002 | P   | 7.7  |

$$y = 1.6351E-004 * x + 1.5588E-005$$

$$R = 1.0000$$

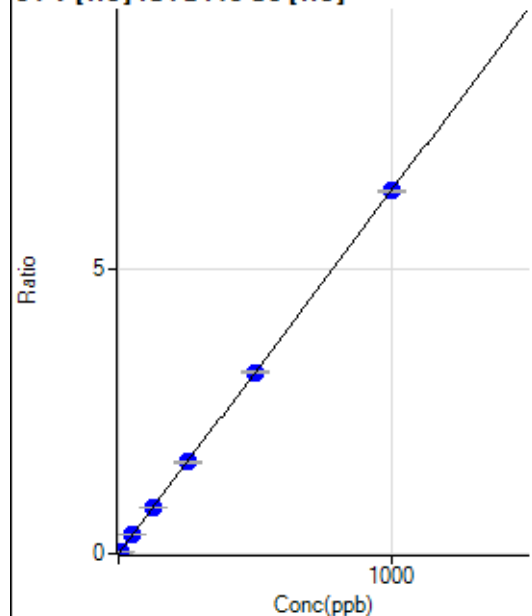
$$DL = 0.1525$$

$$BEC = 0.09533$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 6.67       | 0.0000 | P   | 100. |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.724      | 10905.29   | 0.0301 | P   | 1.5  |
| 4 | <input type="checkbox"/> | 50.000   | 50.763     | 117877.05  | 0.3234 | P   | 0.3  |
| 5 | <input type="checkbox"/> | 125.000  | 127.014    | 292216.92  | 0.8091 | P   | 1.1  |
| 6 | <input type="checkbox"/> | 250.000  | 252.344    | 564400.95  | 1.6075 | P   | 0.9  |
| 7 | <input type="checkbox"/> | 500.000  | 499.948    | 1117334.78 | 3.1847 | P   | 0.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.151    | 2254112.99 | 6.3647 | P   | 0.3  |
| 9 | <input type="checkbox"/> |          |            | 901.15     | 0.0026 | P   | 3.9  |

$$y = 0.0064 * x + 1.8618E-005$$

$$R = 1.0000$$

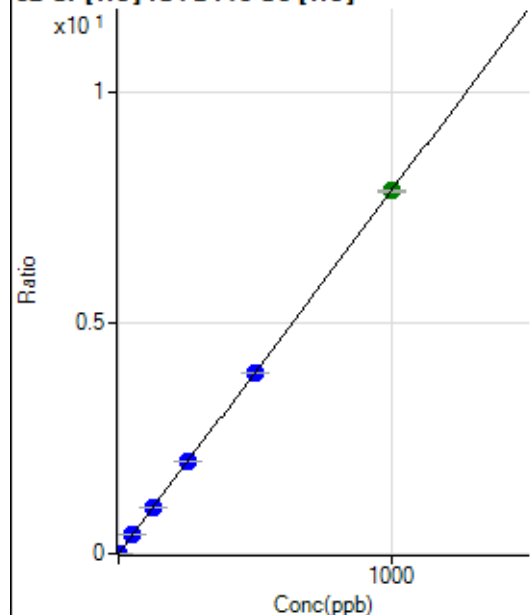
$$DL = 0.008774$$

$$BEC = 0.002923$$

Weight: &lt;None&gt;

Min Conc: 0



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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 513.35     | 0.0014 | P    | 11.6 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 2.000    | 2.085      | 6458.19    | 0.0178 | P    | 1.8  |
| 4 | <input type="checkbox"/> | 50.000   | 50.985     | 146667.01  | 0.4024 | P    | 1.0  |
| 5 | <input type="checkbox"/> | 125.000  | 127.533    | 362726.86  | 1.0043 | P    | 1.0  |
| 6 | <input type="checkbox"/> | 250.000  | 252.694    | 698212.75  | 1.9886 | P    | 0.9  |
| 7 | <input type="checkbox"/> | 500.000  | 498.651    | 1376272.95 | 3.9227 | P    | 0.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.635    | 2784522.70 | 7.8624 | A    | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 88451.00   | 0.2542 | P    | 1.7  |

$$y = 0.0079 * x + 0.0014$$

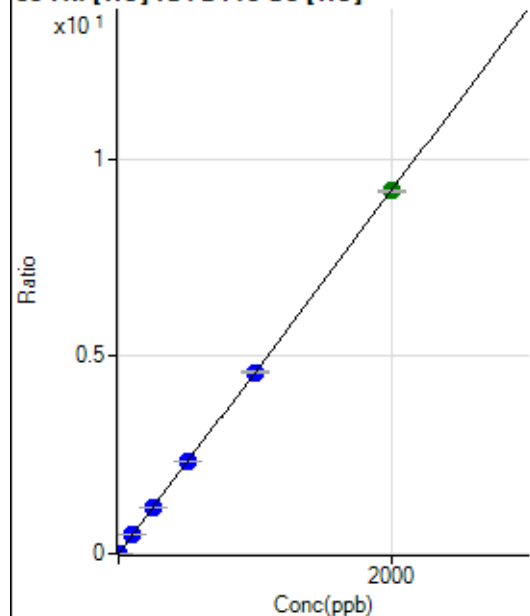
$$R = 1.0000$$

$$DL = 0.0632$$

$$BEC = 0.182$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 35.56      | 0.0001 | P    | 51.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.033      | 1759.02    | 0.0049 | P    | 5.4  |
| 4 | <input type="checkbox"/> | 100.000  | 102.063    | 171338.80  | 0.4700 | P    | 0.4  |
| 5 | <input type="checkbox"/> | 250.000  | 254.804    | 423763.58  | 1.1733 | P    | 0.6  |
| 6 | <input type="checkbox"/> | 500.000  | 505.606    | 817437.98  | 2.3281 | P    | 1.0  |
| 7 | <input type="checkbox"/> | 1000.000 | 1000.531   | 1616349.51 | 4.6070 | P    | 0.4  |
| 8 | <input type="checkbox"/> | 2000.000 | 1997.629   | 3257592.80 | 9.1981 | A    | 0.3  |
| 9 | <input type="checkbox"/> |          |            | 14122.48   | 0.0406 | P    | 1.3  |

$$y = 0.0046 * x + 9.9192E-005$$

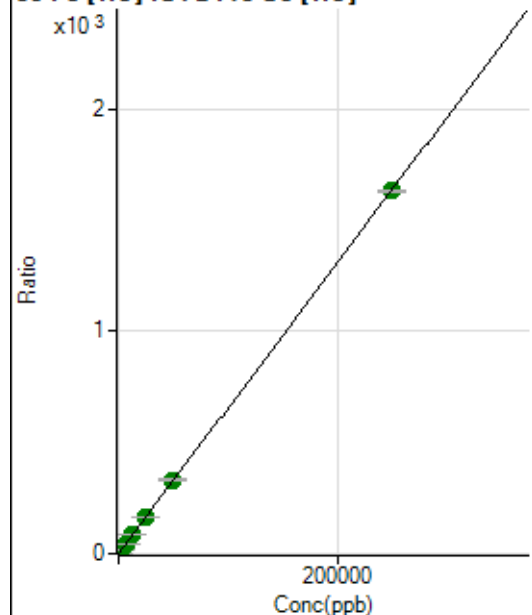
$$R = 1.0000$$

$$DL = 0.03354$$

$$BEC = 0.02154$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio     | Det<br>. | RSD |
|---|--------------------------|-----------|------------|-------------|-----------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 4671.24     | 0.0130    | P        | 0.9 |
| 2 | <input type="checkbox"/> | 5.000     |            |             |           |          |     |
| 3 | <input type="checkbox"/> | 50.000    | 50.386     | 123836.36   | 0.3419    | P        | 1.2 |
| 4 | <input type="checkbox"/> | 2500.000  | 2548.265   | 6068211.01  | 16.6473   | A        | 0.5 |
| 5 | <input type="checkbox"/> | 6250.000  | 6416.587   | 15132193.97 | 41.8984   | A        | 0.9 |
| 6 | <input type="checkbox"/> | 12500.000 | 12805.316  | 29353150.19 | 83.6020   | A        | 1.3 |
| 7 | <input type="checkbox"/> | 25000.000 | 25320.017  | 57993021.67 | 165.2940  | A        | 0.4 |
| 8 | <input type="checkbox"/> | 50000.000 | 50874.878  | 117618094.3 | 332.1079  | A        | 0.6 |
| 9 | <input type="checkbox"/> | 250000.00 | 249773.10  | 567266746.0 | 1,630.451 | A        | 0.7 |

$$y = 0.0065 * x + 0.0130$$

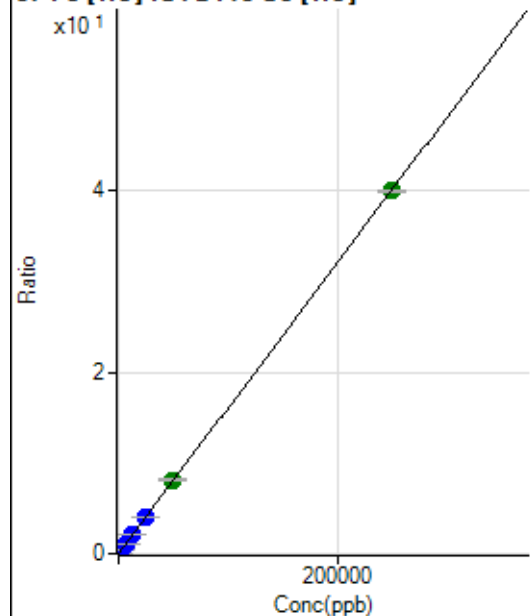
$$R = 1.0000$$

$$DL = 0.0519$$

$$BEC = 1.995$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio   | Det<br>. | RSD  |
|---|--------------------------|-----------|------------|-------------|---------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 264.83      | 0.0007  | P        | 10.5 |
| 2 | <input type="checkbox"/> | 5.000     |            |             |         |          |      |
| 3 | <input type="checkbox"/> | 50.000    | 52.151     | 3291.20     | 0.0091  | P        | 5.8  |
| 4 | <input type="checkbox"/> | 2500.000  | 2576.537   | 150601.06   | 0.4132  | P        | 1.3  |
| 5 | <input type="checkbox"/> | 6250.000  | 6480.850   | 374921.74   | 1.0381  | P        | 0.7  |
| 6 | <input type="checkbox"/> | 12500.000 | 12871.815  | 723650.38   | 2.0611  | P        | 1.4  |
| 7 | <input type="checkbox"/> | 25000.000 | 25438.365  | 1428823.14  | 4.0725  | P        | 0.3  |
| 8 | <input type="checkbox"/> | 50000.000 | 50893.116  | 2885268.64  | 8.1470  | A        | 1.1  |
| 9 | <input type="checkbox"/> | 250000.00 | 249752.41  | 13908861.77 | 39.9774 | A        | 0.7  |

$$y = 1.6007E-004 * x + 7.3807E-004$$

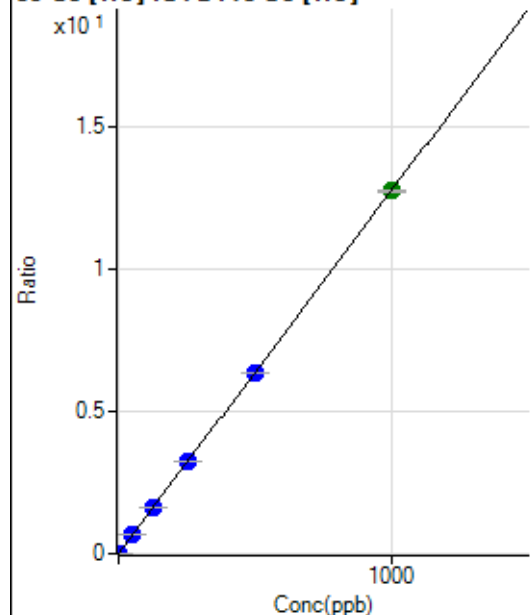
$$R = 1.0000$$

$$DL = 1.453$$

$$BEC = 4.611$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio   | Det. | RSD  |
|---|--------------------------|----------|------------|------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 56.67      | 0.0002  | P    | 21.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |         |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.983      | 4599.68    | 0.0127  | P    | 3.2  |
| 4 | <input type="checkbox"/> | 50.000   | 51.716     | 240493.80  | 0.6598  | P    | 0.5  |
| 5 | <input type="checkbox"/> | 125.000  | 128.489    | 591921.31  | 1.6389  | P    | 0.6  |
| 6 | <input type="checkbox"/> | 250.000  | 253.826    | 1136726.72 | 3.2375  | P    | 1.0  |
| 7 | <input type="checkbox"/> | 500.000  | 498.487    | 2230651.34 | 6.3580  | P    | 0.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.278    | 4513766.25 | 12.7452 | A    | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 53452.72   | 0.1536  | P    | 1.6  |

$$y = 0.0128 * x + 1.5800E-004$$

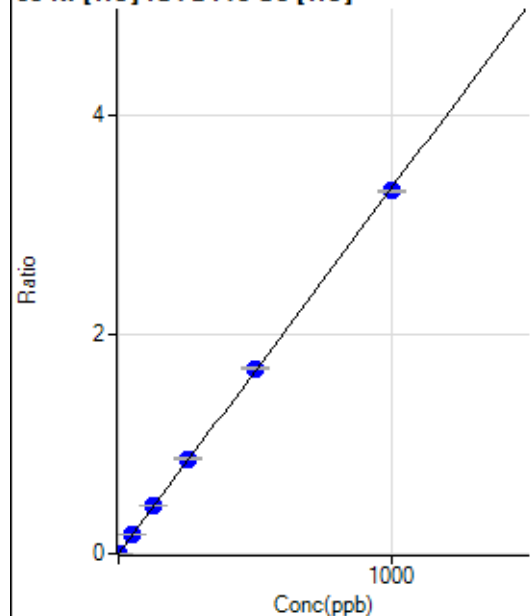
$$R = 1.0000$$

$$DL = 0.007962$$

$$BEC = 0.01239$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 56.67      | 0.0002 | P    | 25.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.096      | 1383.42    | 0.0038 | P    | 2.9  |
| 4 | <input type="checkbox"/> | 50.000   | 53.067     | 64688.72   | 0.1775 | P    | 1.3  |
| 5 | <input type="checkbox"/> | 125.000  | 131.953    | 159283.48  | 0.4410 | P    | 0.3  |
| 6 | <input type="checkbox"/> | 250.000  | 259.562    | 304545.97  | 0.8674 | P    | 1.2  |
| 7 | <input type="checkbox"/> | 500.000  | 507.614    | 595075.61  | 1.6962 | P    | 0.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 992.780    | 1174814.29 | 3.3172 | P    | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 32343.61   | 0.0930 | P    | 0.9  |

$$y = 0.0033 * x + 1.5790E-004$$

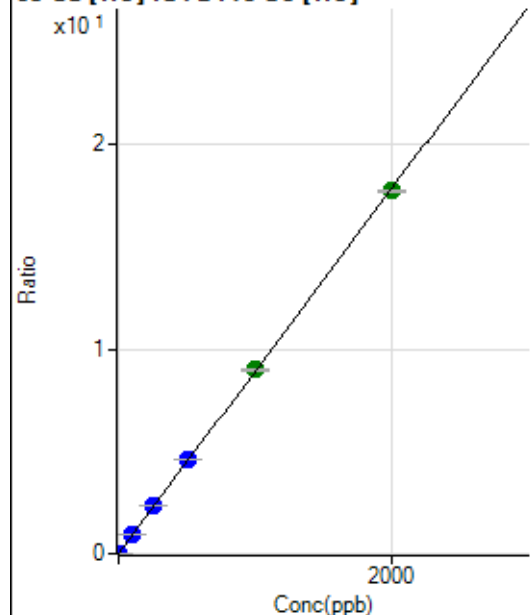
$$R = 0.9999$$

$$DL = 0.03611$$

$$BEC = 0.04726$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio   | Det. | RSD |
|---|--------------------------|----------|------------|------------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1840.15    | 0.0051  | P    | 1.9 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |         |      |     |
| 3 | <input type="checkbox"/> | 2.000    | 2.168      | 8851.71    | 0.0244  | P    | 1.4 |
| 4 | <input type="checkbox"/> | 100.000  | 106.103    | 346302.43  | 0.9500  | P    | 0.3 |
| 5 | <input type="checkbox"/> | 250.000  | 263.010    | 847781.22  | 2.3474  | P    | 0.5 |
| 6 | <input type="checkbox"/> | 500.000  | 515.570    | 1613903.85 | 4.5965  | P    | 0.9 |
| 7 | <input type="checkbox"/> | 1000.000 | 1010.128   | 3157844.15 | 9.0008  | A    | 0.8 |
| 8 | <input type="checkbox"/> | 2000.000 | 1989.112   | 6275431.51 | 17.7192 | A    | 0.2 |
| 9 | <input type="checkbox"/> |          |            | 15213.60   | 0.0437  | P    | 2.4 |

$$y = 0.0089 * x + 0.0051$$

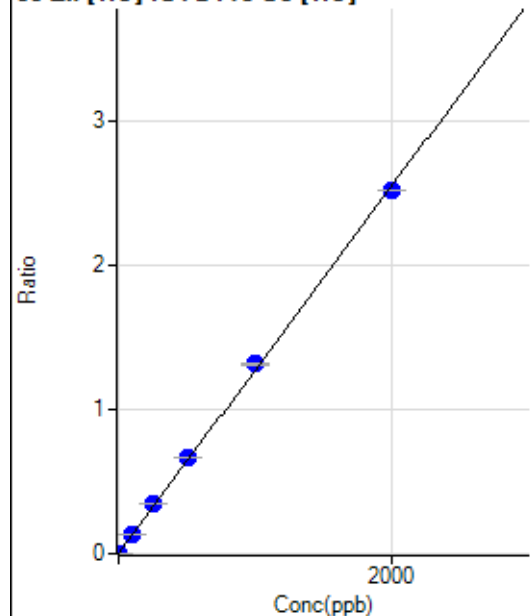
$$R = 0.9999$$

$$DL = 0.03365$$

$$BEC = 0.576$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|-----------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 360.01    | 0.0010 | P    | 5.4 |
| 2 | <input type="checkbox"/> | 0.200    |            |           |        |      |     |
| 3 | <input type="checkbox"/> | 2.000    | 2.128      | 1343.42   | 0.0037 | P    | 5.5 |
| 4 | <input type="checkbox"/> | 100.000  | 108.292    | 50537.26  | 0.1386 | P    | 0.7 |
| 5 | <input type="checkbox"/> | 250.000  | 266.598    | 122740.53 | 0.3398 | P    | 0.1 |
| 6 | <input type="checkbox"/> | 500.000  | 525.097    | 234684.28 | 0.6684 | P    | 0.5 |
| 7 | <input type="checkbox"/> | 1000.000 | 1031.131   | 460145.14 | 1.3116 | P    | 0.5 |
| 8 | <input type="checkbox"/> | 2000.000 | 1975.671   | 889669.76 | 2.5120 | P    | 0.1 |
| 9 | <input type="checkbox"/> |          |            | 4438.52   | 0.0128 | P    | 3.3 |

$$y = 0.0013 * x + 0.0010$$

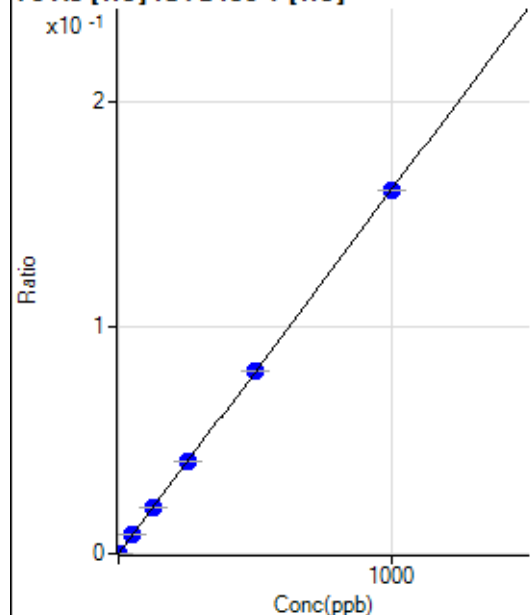
$$R = 0.9997$$

$$DL = 0.1276$$

$$BEC = 0.7895$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 5.56      | 0.0000 | P        | 66.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.005      | 310.50    | 0.0002 | P        | 8.0  |
| 4 | <input type="checkbox"/> | 50.000   | 50.413     | 15375.50  | 0.0081 | P        | 0.3  |
| 5 | <input type="checkbox"/> | 125.000  | 128.412    | 38866.60  | 0.0207 | P        | 0.1  |
| 6 | <input type="checkbox"/> | 250.000  | 254.638    | 75279.82  | 0.0410 | P        | 0.2  |
| 7 | <input type="checkbox"/> | 500.000  | 502.121    | 148820.67 | 0.0808 | P        | 0.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 997.333    | 298305.53 | 0.1604 | P        | 0.1  |
| 9 | <input type="checkbox"/> |          |            | 435.81    | 0.0002 | P        | 9.9  |

$$y = 1.6083\text{E-}004 * x + 3.0013\text{E-}006$$

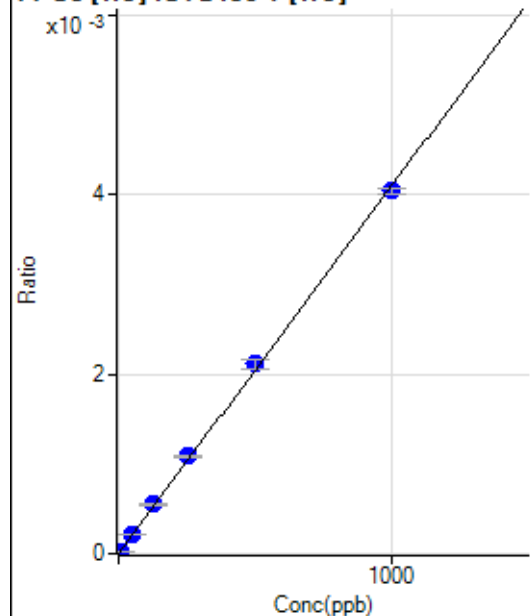
$$R = 1.0000$$

$$DL = 0.03746$$

$$BEC = 0.01866$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS     | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|---------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 0.00    | 0.0000 | P        |      |
| 2 | <input type="checkbox"/> | 0.500    |            |         |        |          |      |
| 3 | <input type="checkbox"/> | 5.000    | 6.333      | 48.89   | 0.0000 | P        | 21.7 |
| 4 | <input type="checkbox"/> | 50.000   | 52.272     | 405.57  | 0.0002 | P        | 5.4  |
| 5 | <input type="checkbox"/> | 125.000  | 134.457    | 1035.61 | 0.0006 | P        | 4.2  |
| 6 | <input type="checkbox"/> | 250.000  | 264.231    | 1987.95 | 0.0011 | P        | 2.3  |
| 7 | <input type="checkbox"/> | 500.000  | 515.989    | 3891.70 | 0.0021 | P        | 4.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 987.145    | 7514.28 | 0.0040 | P        | 1.8  |
| 9 | <input type="checkbox"/> |          |            | 0.00    | 0.0000 | P        |      |

$$y = 4.0929\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9997$$

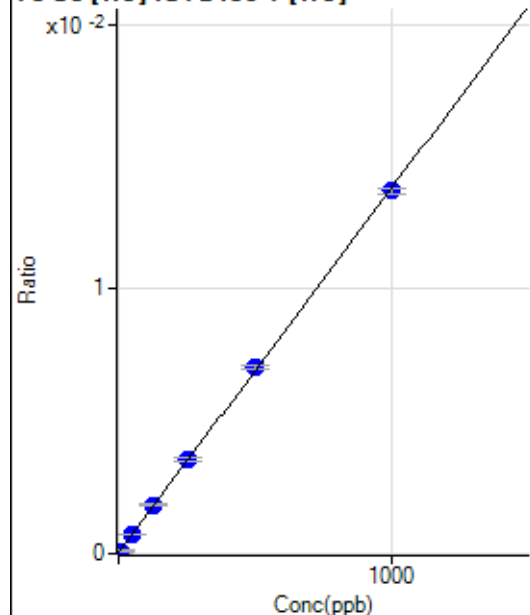
$$DL = 0$$

$$BEC = 0$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS      | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 68.52    | 0.0000 | P    | 14.1 |
| 2 | <input type="checkbox"/> | 0.500    |            |          |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 5.071      | 201.24   | 0.0001 | P    | 11.7 |
| 4 | <input type="checkbox"/> | 50.000   | 50.807     | 1395.76  | 0.0007 | P    | 0.9  |
| 5 | <input type="checkbox"/> | 125.000  | 131.782    | 3482.55  | 0.0019 | P    | 1.1  |
| 6 | <input type="checkbox"/> | 250.000  | 256.936    | 6568.20  | 0.0036 | P    | 2.8  |
| 7 | <input type="checkbox"/> | 500.000  | 509.030    | 12979.33 | 0.0070 | P    | 1.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 992.863    | 25482.90 | 0.0137 | P    | 1.4  |
| 9 | <input type="checkbox"/> |          |            | 66.67    | 0.0000 | P    | 7.2  |

$$y = 1.3764\text{E-}005 * x + 3.6950\text{E-}005$$

$$R = 0.9999$$

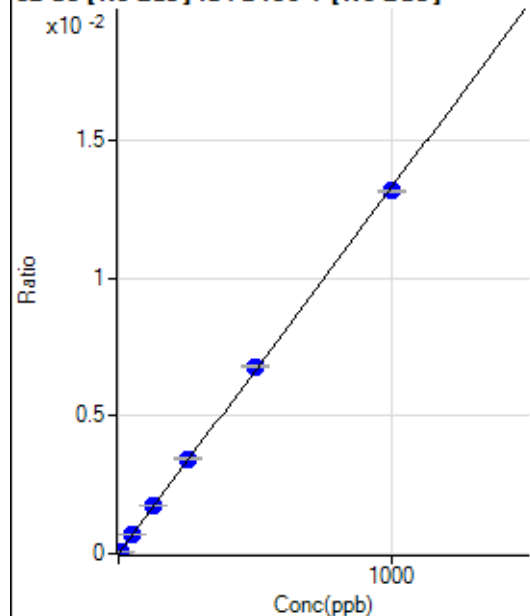
$$DL = 1.132$$

$$BEC = 2.685$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 25.75     | 0.0000 | P    | 131. |
| 2 | <input type="checkbox"/> | 0.500    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.961      | 880.54    | 0.0001 | P    | 8.1  |
| 4 | <input type="checkbox"/> | 50.000   | 53.480     | 9271.31   | 0.0007 | P    | 1.5  |
| 5 | <input type="checkbox"/> | 125.000  | 133.313    | 22981.62  | 0.0018 | P    | 0.6  |
| 6 | <input type="checkbox"/> | 250.000  | 259.876    | 43952.07  | 0.0034 | P    | 0.4  |
| 7 | <input type="checkbox"/> | 500.000  | 510.373    | 85600.96  | 0.0068 | P    | 0.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 991.132    | 168864.29 | 0.0131 | P    | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 108.64    | 0.0000 | P    | 22.2 |

$$y = 1.3264\text{E-}005 * x + 1.9806\text{E-}006$$

$$R = 0.9998$$

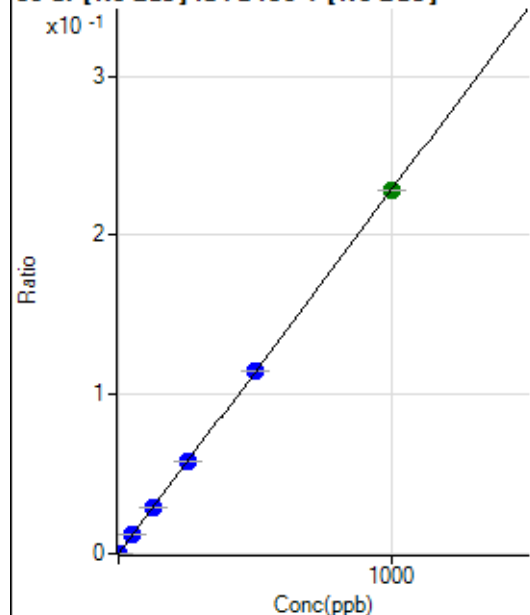
$$DL = 0.5899$$

$$BEC = 0.1493$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 741.72     | 0.0001 | P   | 11.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.031      | 3803.43    | 0.0003 | P   | 2.5  |
| 4 | <input type="checkbox"/> | 50.000   | 51.100     | 152906.15  | 0.0117 | P   | 0.3  |
| 5 | <input type="checkbox"/> | 125.000  | 127.878    | 380003.70  | 0.0293 | P   | 1.0  |
| 6 | <input type="checkbox"/> | 250.000  | 253.092    | 737584.40  | 0.0579 | P   | 0.7  |
| 7 | <input type="checkbox"/> | 500.000  | 502.820    | 1452931.24 | 0.1149 | P   | 0.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 997.402    | 2927239.95 | 0.2279 | A   | 0.2  |
| 9 | <input type="checkbox"/> |          |            | 14538.45   | 0.0012 | P   | 0.8  |

$$y = 2.2845E-004 * x + 5.7291E-005$$

$$R = 1.0000$$

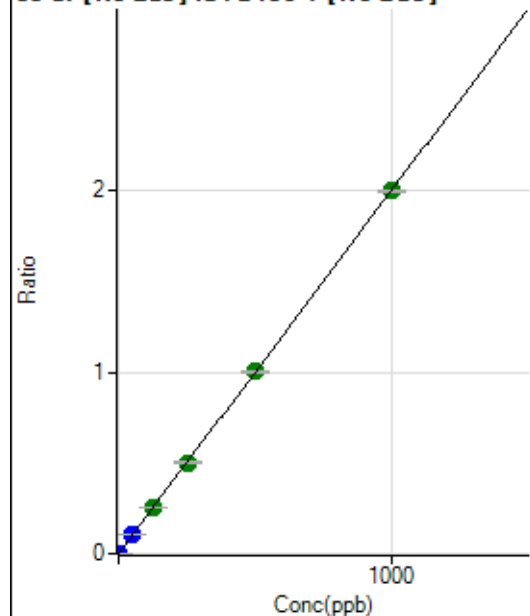
$$DL = 0.08621$$

$$BEC = 0.2508$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 191.68      | 0.0000 | P   | 30.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.009      | 26405.67    | 0.0020 | P   | 1.5  |
| 4 | <input type="checkbox"/> | 50.000   | 50.799     | 1324226.64  | 0.1016 | P   | 0.6  |
| 5 | <input type="checkbox"/> | 125.000  | 126.161    | 3275429.56  | 0.2523 | A   | 0.4  |
| 6 | <input type="checkbox"/> | 250.000  | 250.602    | 6386353.92  | 0.5011 | A   | 0.8  |
| 7 | <input type="checkbox"/> | 500.000  | 501.564    | 12680258.88 | 1.0030 | A   | 0.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 998.883    | 25654775.23 | 1.9975 | A   | 0.2  |
| 9 | <input type="checkbox"/> |          |            | 119878.20   | 0.0096 | P   | 1.4  |

$$y = 0.0020 * x + 1.4802E-005$$

$$R = 1.0000$$

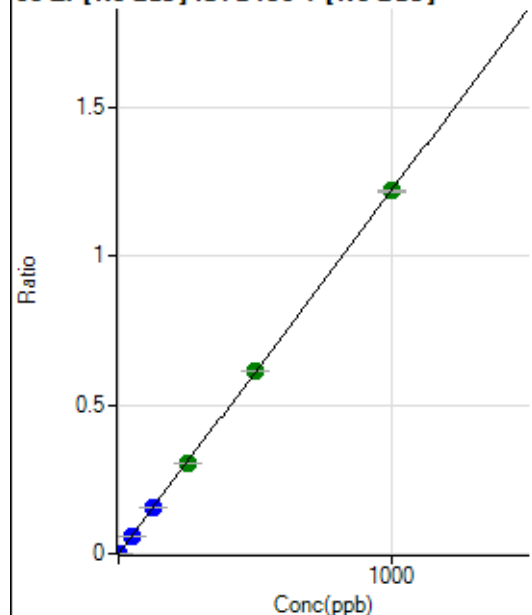
$$DL = 0.006689$$

$$BEC = 0.007402$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|-------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1111.20     | 0.0001 | P    | 7.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.995      | 16905.07    | 0.0013 | P    | 1.9 |
| 4 | <input type="checkbox"/> | 50.000   | 49.886     | 795059.84   | 0.0610 | P    | 0.9 |
| 5 | <input type="checkbox"/> | 125.000  | 124.934    | 1981612.94  | 0.1526 | P    | 0.6 |
| 6 | <input type="checkbox"/> | 250.000  | 248.802    | 3872828.69  | 0.3039 | A    | 0.4 |
| 7 | <input type="checkbox"/> | 500.000  | 502.156    | 7752836.72  | 0.6133 | A    | 0.1 |
| 8 | <input type="checkbox"/> | 1000.000 | 999.235    | 15671977.95 | 1.2202 | A    | 0.2 |
| 9 | <input type="checkbox"/> |          |            | 3764.53     | 0.0003 | P    | 7.4 |

$$y = 0.0012 * x + 8.5937E-005$$

$$R = 1.0000$$

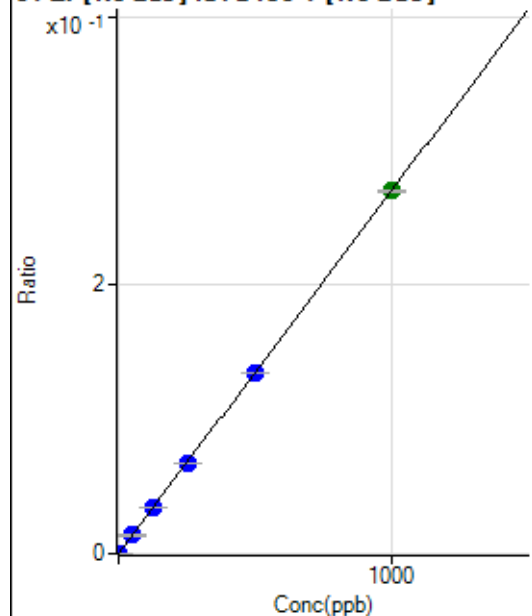
$$DL = 0.01535$$

$$BEC = 0.07038$$

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      | 266.68     | 0.0000 | P    | 15.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.015      | 3831.25    | 0.0003 | P    | 5.9  |
| 4 | <input type="checkbox"/> | 50.000   | 50.413     | 177799.44  | 0.0136 | P    | 1.5  |
| 5 | <input type="checkbox"/> | 125.000  | 127.364    | 447019.56  | 0.0344 | P    | 1.1  |
| 6 | <input type="checkbox"/> | 250.000  | 249.200    | 858355.74  | 0.0674 | P    | 0.7  |
| 7 | <input type="checkbox"/> | 500.000  | 499.753    | 1707290.56 | 0.1351 | P    | 0.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.007   | 3470488.19 | 0.2702 | A    | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 780.61     | 0.0001 | P    | 13.3 |

$$y = 2.7020E-004 * x + 2.0587E-005$$

$$R = 1.0000$$

$$DL = 0.03455$$

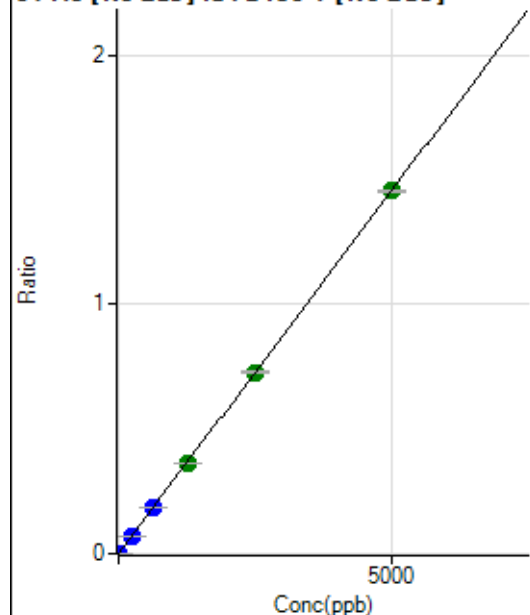
$$BEC = 0.07619$$

Weight: &lt;None&gt;

Min Conc: 0



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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 355.57      | 0.0000 | P    | 15.6 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.928      | 18988.22    | 0.0015 | P    | 0.7  |
| 4 | <input type="checkbox"/> | 250.000  | 250.466    | 950341.27   | 0.0729 | P    | 0.7  |
| 5 | <input type="checkbox"/> | 625.000  | 625.317    | 2362719.98  | 0.1820 | P    | 0.7  |
| 6 | <input type="checkbox"/> | 1250.000 | 1242.926   | 4609785.95  | 0.3617 | A    | 0.2  |
| 7 | <input type="checkbox"/> | 2500.000 | 2504.066   | 9212356.72  | 0.7287 | A    | 0.3  |
| 8 | <input type="checkbox"/> | 5000.000 | 4999.672   | 18686415.35 | 1.4550 | A    | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 22832.94    | 0.0018 | P    | 4.9  |

$$y = 2.9100\text{E-}004 * x + 2.7501\text{E-}005$$

$$R = 1.0000$$

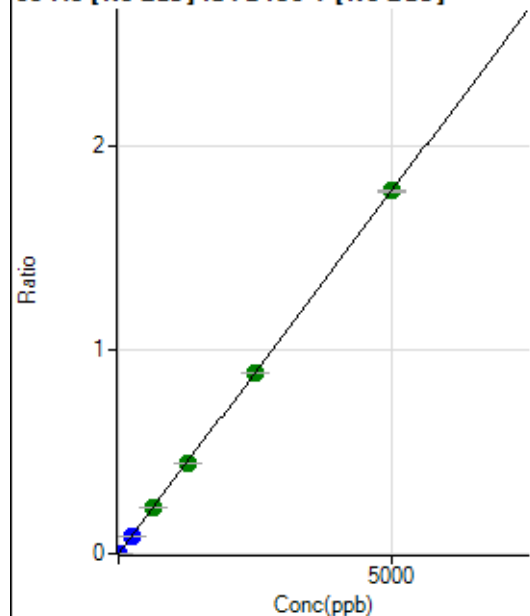
$$DL = 0.04427$$

$$BEC = 0.0945$$

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      | 30.56       | 0.0000 | P    | 55.3 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.895      | 22702.00    | 0.0017 | P    | 0.9  |
| 4 | <input type="checkbox"/> | 250.000  | 250.161    | 1162243.63  | 0.0892 | P    | 0.5  |
| 5 | <input type="checkbox"/> | 625.000  | 629.277    | 2911970.23  | 0.2243 | A    | 0.6  |
| 6 | <input type="checkbox"/> | 1250.000 | 1241.360   | 5638880.68  | 0.4425 | A    | 0.4  |
| 7 | <input type="checkbox"/> | 2500.000 | 2500.797   | 11269108.58 | 0.8914 | A    | 0.2  |
| 8 | <input type="checkbox"/> | 5000.000 | 5001.219   | 22895513.71 | 1.7827 | A    | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 36948.88    | 0.0030 | P    | 6.7  |

$$y = 3.5645\text{E-}004 * x + 2.3506\text{E-}006$$

$$R = 1.0000$$

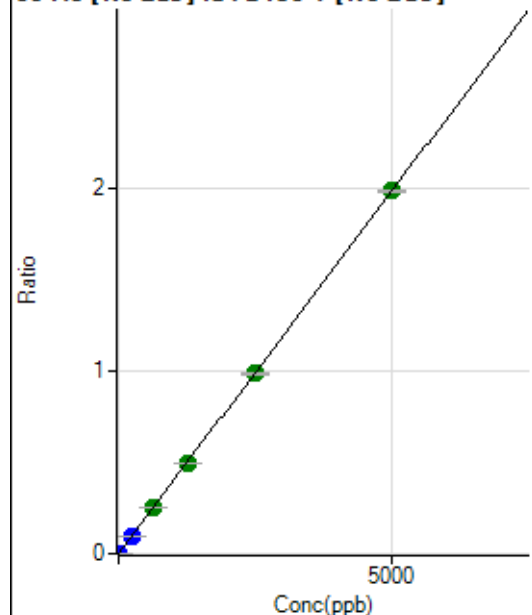
$$DL = 0.01095$$

$$BEC = 0.006594$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 130.56      | 0.0000 | P    | 41.1 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.896      | 25295.44    | 0.0019 | P    | 2.2  |
| 4 | <input type="checkbox"/> | 250.000  | 250.250    | 1290640.26  | 0.0990 | P    | 0.7  |
| 5 | <input type="checkbox"/> | 625.000  | 625.840    | 3214788.49  | 0.2476 | A    | 0.6  |
| 6 | <input type="checkbox"/> | 1250.000 | 1243.234   | 6268673.40  | 0.4919 | A    | 0.7  |
| 7 | <input type="checkbox"/> | 2500.000 | 2486.692   | 12438288.56 | 0.9839 | A    | 0.5  |
| 8 | <input type="checkbox"/> | 5000.000 | 5008.228   | 25449861.51 | 1.9816 | A    | 0.3  |
| 9 | <input type="checkbox"/> |          |            | 46699.93    | 0.0038 | P    | 4.0  |

$$y = 3.9566E-004 * x + 1.0058E-005$$

$$R = 1.0000$$

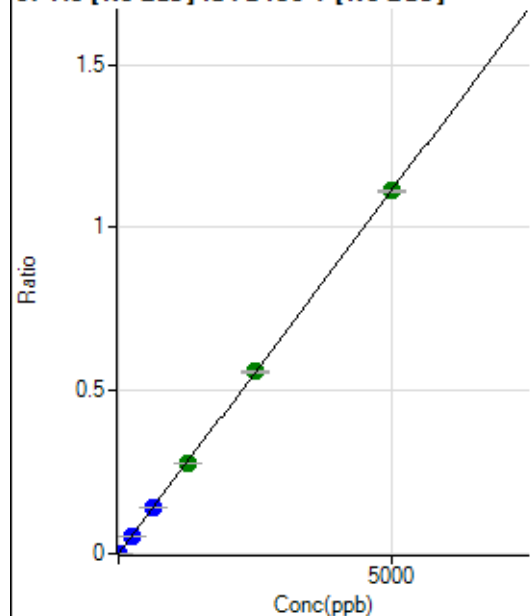
$$DL = 0.03135$$

$$BEC = 0.02542$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 36.11       | 0.0000 | P    | 33.9 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.833      | 14010.27    | 0.0011 | P    | 2.3  |
| 4 | <input type="checkbox"/> | 250.000  | 248.685    | 721396.02   | 0.0553 | P    | 0.5  |
| 5 | <input type="checkbox"/> | 625.000  | 627.666    | 1813484.24  | 0.1397 | P    | 0.8  |
| 6 | <input type="checkbox"/> | 1250.000 | 1247.957   | 3539397.47  | 0.2777 | A    | 0.5  |
| 7 | <input type="checkbox"/> | 2500.000 | 2503.658   | 7043927.85  | 0.5572 | A    | 0.3  |
| 8 | <input type="checkbox"/> | 5000.000 | 4998.415   | 14287017.68 | 1.1124 | A    | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 22707.72    | 0.0018 | P    | 5.5  |

$$y = 2.2255E-004 * x + 2.7835E-006$$

$$R = 1.0000$$

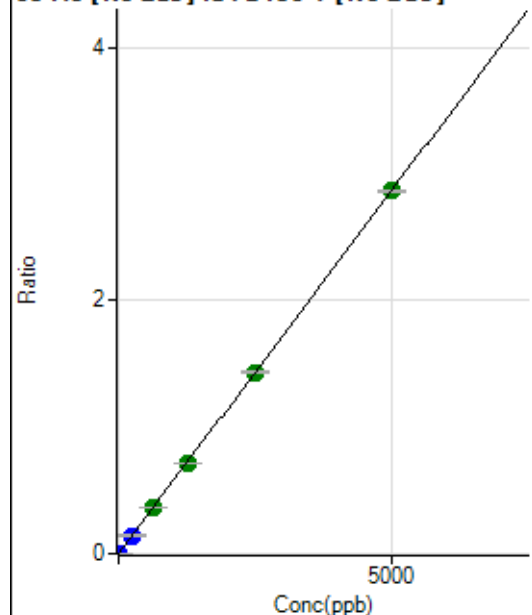
$$DL = 0.01272$$

$$BEC = 0.01251$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 108.34      | 0.0000 | P    | 49.1 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.875      | 36397.63    | 0.0028 | P    | 1.9  |
| 4 | <input type="checkbox"/> | 250.000  | 250.520    | 1870990.64  | 0.1436 | P    | 1.0  |
| 5 | <input type="checkbox"/> | 625.000  | 630.272    | 4688392.94  | 0.3611 | A    | 0.8  |
| 6 | <input type="checkbox"/> | 1250.000 | 1248.989   | 9120259.40  | 0.7157 | A    | 0.2  |
| 7 | <input type="checkbox"/> | 2500.000 | 2500.593   | 18113271.76 | 1.4328 | A    | 0.4  |
| 8 | <input type="checkbox"/> | 5000.000 | 4999.271   | 36789631.03 | 2.8645 | A    | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 58861.18    | 0.0047 | P    | 4.5  |

$$y = 5.7298\text{E-}004 * x + 8.3418\text{E-}006$$

$$R = 1.0000$$

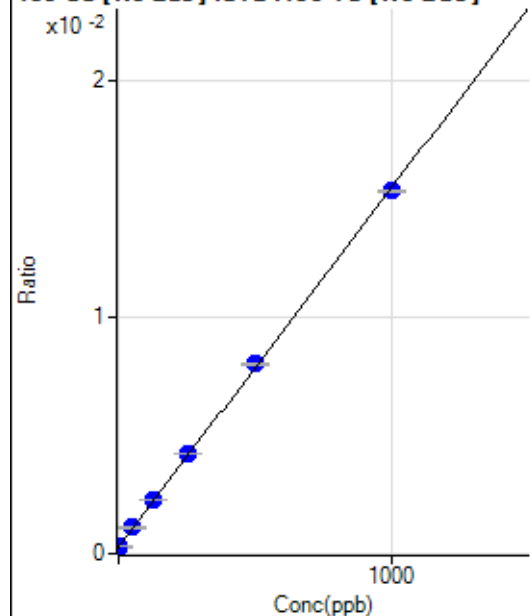
$$DL = 0.02146$$

$$BEC = 0.01456$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|-----------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 4826.04   | 0.0003 | P    | 1.2 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.362      | 4895.49   | 0.0003 | P    | 2.6 |
| 4 | <input type="checkbox"/> | 50.000   | 54.303     | 18840.97  | 0.0011 | P    | 2.1 |
| 5 | <input type="checkbox"/> | 125.000  | 133.166    | 39358.54  | 0.0023 | P    | 0.6 |
| 6 | <input type="checkbox"/> | 250.000  | 260.017    | 71492.10  | 0.0042 | P    | 1.4 |
| 7 | <input type="checkbox"/> | 500.000  | 508.873    | 135784.25 | 0.0080 | P    | 1.0 |
| 8 | <input type="checkbox"/> | 1000.000 | 991.824    | 263253.42 | 0.0153 | P    | 0.7 |
| 9 | <input type="checkbox"/> |          |            | 4725.98   | 0.0003 | P    | 0.1 |

$$y = 1.5151\text{E-}005 * x + 2.8356\text{E-}004$$

$$R = 0.9999$$

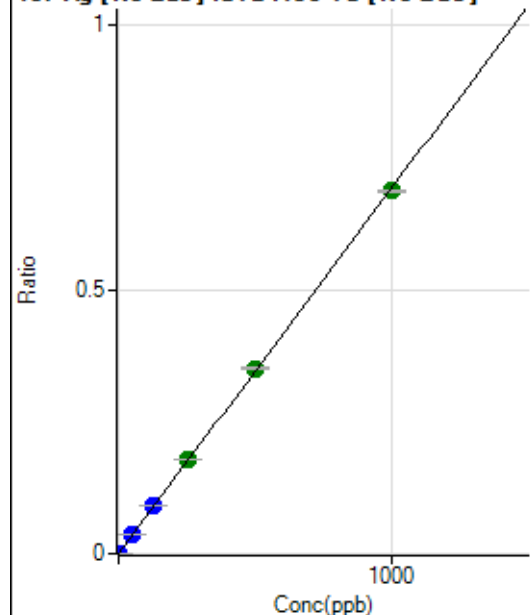
$$DL = 0.6743$$

$$BEC = 18.72$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 122.23      | 0.0000 | P    | 26.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.039      | 12283.62    | 0.0007 | P    | 2.8  |
| 4 | <input type="checkbox"/> | 50.000   | 53.877     | 634234.88   | 0.0372 | P    | 0.8  |
| 5 | <input type="checkbox"/> | 125.000  | 133.120    | 1573519.99  | 0.0920 | P    | 0.8  |
| 6 | <input type="checkbox"/> | 250.000  | 259.046    | 3030856.90  | 0.1790 | A    | 0.7  |
| 7 | <input type="checkbox"/> | 500.000  | 506.690    | 5948303.00  | 0.3502 | A    | 0.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 993.185    | 11801605.04 | 0.6864 | A    | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 1133.43     | 0.0001 | P    | 6.6  |

$$y = 6.9109\text{E-}004 * x + 7.1667\text{E-}006$$

$$R = 0.9999$$

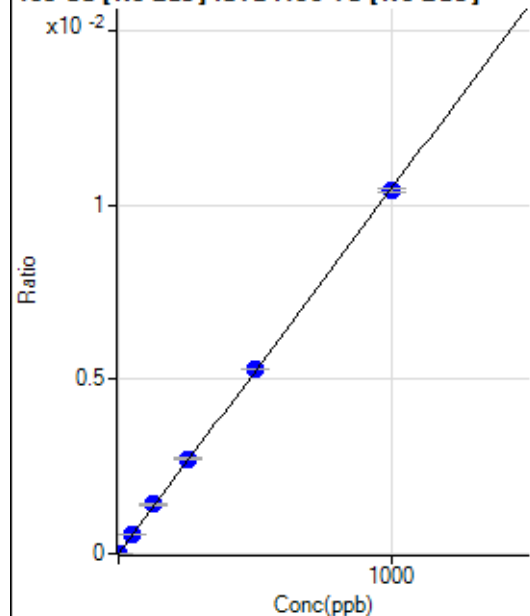
$$DL = 0.00818$$

$$BEC = 0.01037$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 15.28     | 0.0000 | P    | 15.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.033      | 198.61    | 0.0000 | P    | 17.3 |
| 4 | <input type="checkbox"/> | 50.000   | 53.381     | 9549.25   | 0.0006 | P    | 0.8  |
| 5 | <input type="checkbox"/> | 125.000  | 134.793    | 24190.33  | 0.0014 | P    | 1.9  |
| 6 | <input type="checkbox"/> | 250.000  | 259.811    | 46146.09  | 0.0027 | P    | 1.5  |
| 7 | <input type="checkbox"/> | 500.000  | 505.055    | 89984.63  | 0.0053 | P    | 0.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 993.626    | 179178.42 | 0.0104 | P    | 1.1  |
| 9 | <input type="checkbox"/> |          |            | 56.95     | 0.0000 | P    | 24.1 |

$$y = 1.0487\text{E-}005 * x + 8.9736\text{E-}007$$

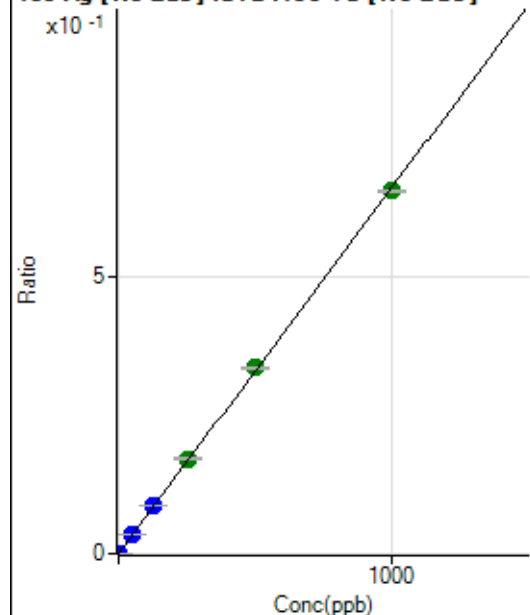
$$R = 0.9999$$

$$DL = 0.03927$$

$$BEC = 0.08557$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 27.78       | 0.0000 | P    | 44.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.064      | 11911.03    | 0.0007 | P    | 1.3  |
| 4 | <input type="checkbox"/> | 50.000   | 54.028     | 606926.88   | 0.0356 | P    | 0.5  |
| 5 | <input type="checkbox"/> | 125.000  | 133.114    | 1501620.62  | 0.0878 | P    | 0.6  |
| 6 | <input type="checkbox"/> | 250.000  | 259.613    | 2898803.39  | 0.1712 | A    | 0.9  |
| 7 | <input type="checkbox"/> | 500.000  | 507.692    | 5688044.75  | 0.3349 | A    | 0.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 992.535    | 11255790.36 | 0.6546 | A    | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 941.74      | 0.0001 | P    | 0.2  |

$$y = 6.5956\text{E-}004 * x + 1.6266\text{E-}006$$

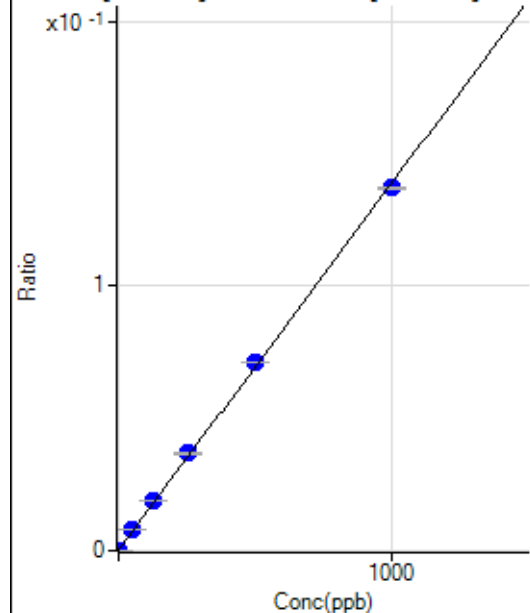
$$R = 0.9999$$

$$DL = 0.003296$$

$$BEC = 0.002466$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 3371.70    | 0.0002 | P    | 1.2 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 1.002      | 5707.52    | 0.0003 | P    | 3.4 |
| 4 | <input type="checkbox"/> | 50.000   | 55.235     | 133710.14  | 0.0079 | P    | 0.4 |
| 5 | <input type="checkbox"/> | 125.000  | 135.991    | 325638.21  | 0.0190 | P    | 0.9 |
| 6 | <input type="checkbox"/> | 250.000  | 264.242    | 623135.63  | 0.0368 | P    | 1.2 |
| 7 | <input type="checkbox"/> | 500.000  | 513.478    | 1211847.24 | 0.0713 | P    | 0.1 |
| 8 | <input type="checkbox"/> | 1000.000 | 988.065    | 2357213.36 | 0.1371 | P    | 0.3 |
| 9 | <input type="checkbox"/> |          |            | 3705.84    | 0.0002 | P    | 0.8 |

$$y = 1.3855\text{E-}004 * x + 1.9811\text{E-}004$$

$$R = 0.9997$$

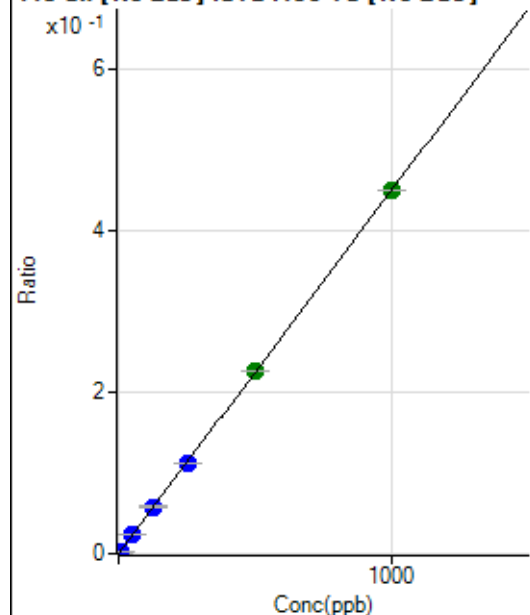
$$DL = 0.04969$$

$$BEC = 1.43$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1102.87    | 0.0001 | P    | 3.1 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 5.000    | 5.044      | 39556.43   | 0.0023 | P    | 1.2 |
| 4 | <input type="checkbox"/> | 50.000   | 51.987     | 399661.54  | 0.0235 | P    | 0.4 |
| 5 | <input type="checkbox"/> | 125.000  | 129.058    | 994656.06  | 0.0582 | P    | 1.5 |
| 6 | <input type="checkbox"/> | 250.000  | 249.842    | 1905087.74 | 0.1125 | P    | 0.5 |
| 7 | <input type="checkbox"/> | 500.000  | 501.380    | 3834881.38 | 0.2258 | A    | 0.4 |
| 8 | <input type="checkbox"/> | 1000.000 | 998.742    | 7731128.73 | 0.4496 | A    | 0.2 |
| 9 | <input type="checkbox"/> |          |            | 7007.59    | 0.0004 | P    | 1.9 |

$$y = 4.5015\text{E-}004 * x + 6.4799\text{E-}005$$

$$R = 1.0000$$

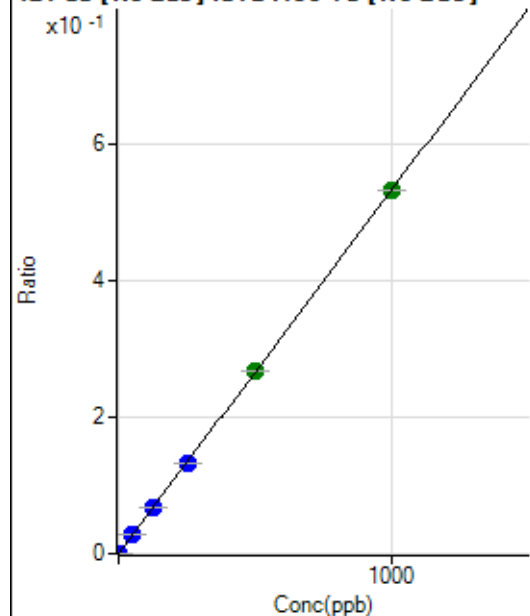
$$DL = 0.0136$$

$$BEC = 0.144$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 38.89      | 0.0000 | P    | 33.7 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 2.000    | 1.931      | 17450.35   | 0.0010 | P    | 0.8  |
| 4 | <input type="checkbox"/> | 50.000   | 51.421     | 466220.54  | 0.0274 | P    | 0.3  |
| 5 | <input type="checkbox"/> | 125.000  | 128.719    | 1171895.74 | 0.0685 | P    | 1.2  |
| 6 | <input type="checkbox"/> | 250.000  | 250.375    | 2256444.56 | 0.1333 | P    | 0.5  |
| 7 | <input type="checkbox"/> | 500.000  | 502.368    | 4542657.26 | 0.2674 | A    | 0.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 998.186    | 9136237.18 | 0.5314 | A    | 0.1  |
| 9 | <input type="checkbox"/> |          |            | 14168.85   | 0.0009 | P    | 1.9  |

$$y = 5.3233\text{E-}004 * x + 2.2913\text{E-}006$$

$$R = 1.0000$$

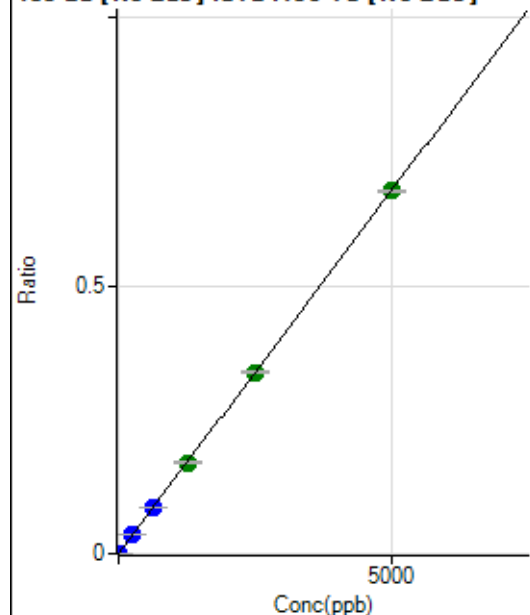
$$DL = 0.004348$$

$$BEC = 0.004304$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 41.67       | 0.0000 | P    | 18.9 |
| 2 | <input type="checkbox"/> | 1.000    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 10.000   | 9.784      | 22493.94    | 0.0013 | P    | 0.7  |
| 4 | <input type="checkbox"/> | 250.000  | 255.964    | 590697.35   | 0.0347 | P    | 0.7  |
| 5 | <input type="checkbox"/> | 625.000  | 636.037    | 1473905.74  | 0.0862 | P    | 0.9  |
| 6 | <input type="checkbox"/> | 1250.000 | 1257.387   | 2884251.84  | 0.1704 | A    | 0.6  |
| 7 | <input type="checkbox"/> | 2500.000 | 2499.372   | 5752452.43  | 0.3386 | A    | 0.7  |
| 8 | <input type="checkbox"/> | 5000.000 | 4996.790   | 11640713.89 | 0.6770 | A    | 0.2  |
| 9 | <input type="checkbox"/> |          |            | 1794.64     | 0.0001 | P    | 17.5 |

$$y = 1.3549\text{E-}004 * x + 2.4448\text{E-}006$$

$$R = 1.0000$$

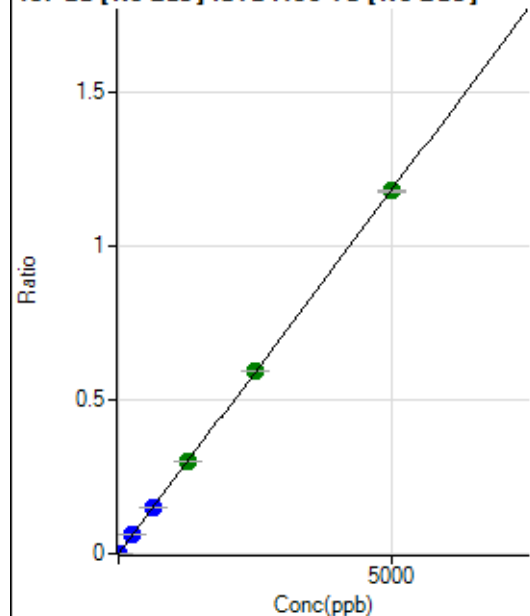
$$DL = 0.01021$$

$$BEC = 0.01804$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 63.89       | 0.0000 | P    | 21.0 |
| 2 | <input type="checkbox"/> | 1.000    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 10.000   | 9.945      | 39819.15    | 0.0024 | P    | 2.7  |
| 4 | <input type="checkbox"/> | 250.000  | 257.510    | 1035209.03  | 0.0608 | P    | 0.4  |
| 5 | <input type="checkbox"/> | 625.000  | 639.417    | 2581212.93  | 0.1509 | P    | 1.0  |
| 6 | <input type="checkbox"/> | 1250.000 | 1262.347   | 5044170.21  | 0.2980 | A    | 0.7  |
| 7 | <input type="checkbox"/> | 2500.000 | 2509.393   | 10061117.33 | 0.5923 | A    | 0.3  |
| 8 | <input type="checkbox"/> | 5000.000 | 4990.039   | 20251032.40 | 1.1778 | A    | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 3128.27     | 0.0002 | P    | 7.3  |

$$y = 2.3603\text{E-}004 * x + 3.7604\text{E-}006$$

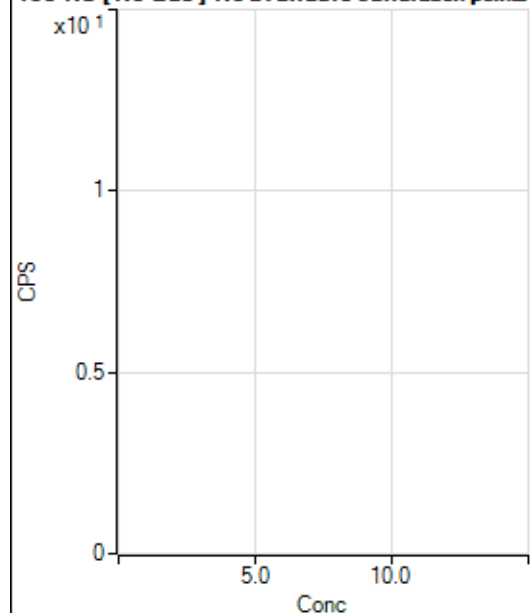
$$R = 1.0000$$

$$DL = 0.01003$$

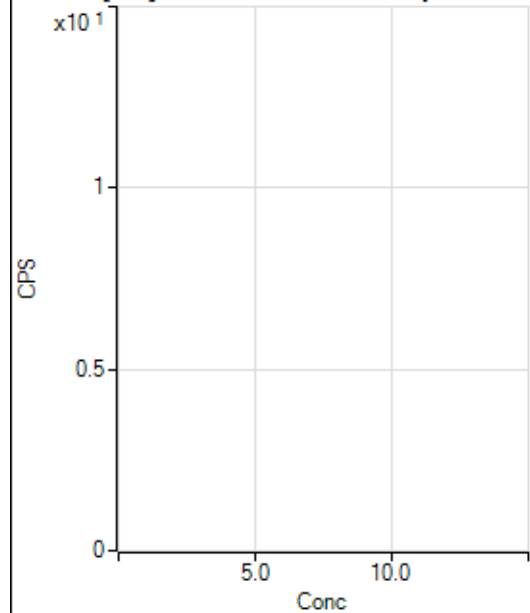
$$BEC = 0.01593$$

Weight: &lt;None&gt;

Min Conc: 0

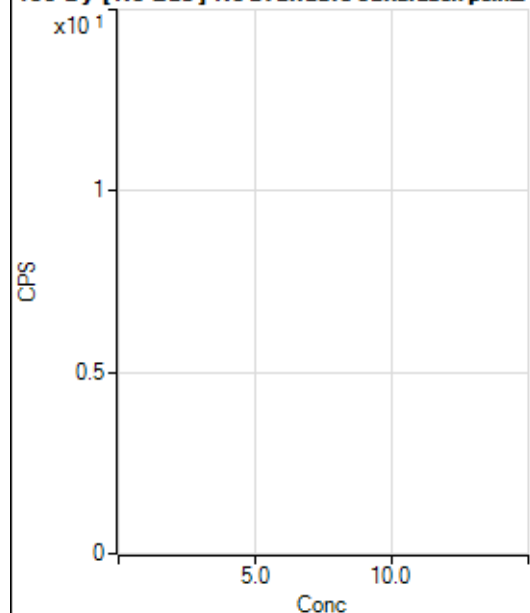
**150 Nd [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 4.45   |       | P        | 86.6 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 4.45   |       | P        | 86.6 |
| 4 | <input type="checkbox"/> |       |            | 33.33  |       | P        | 34.6 |
| 5 | <input type="checkbox"/> |       |            | 142.23 |       | P        | 11.8 |
| 6 | <input type="checkbox"/> |       |            | 188.90 |       | P        | 4.1  |
| 7 | <input type="checkbox"/> |       |            | 366.68 |       | P        | 9.4  |
| 8 | <input type="checkbox"/> |       |            | 700.04 |       | P        | 2.5  |
| 9 | <input type="checkbox"/> |       |            | 124.45 |       | P        | 24.7 |

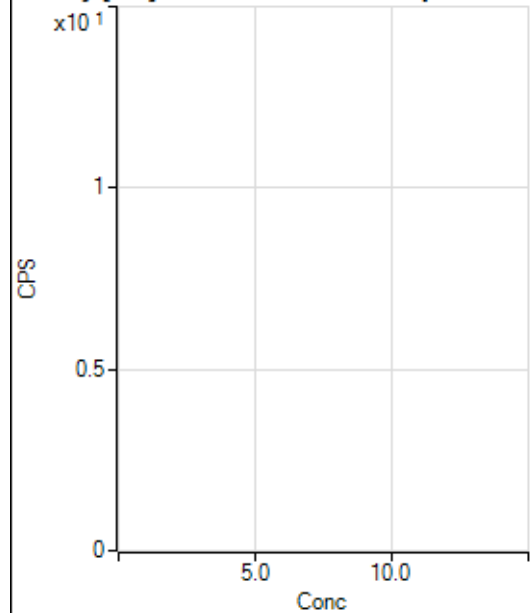
**150 Nd [ He ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 0.00  |       | P        |      |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 0.00  |       | P        |      |
| 4 | <input type="checkbox"/> |       |            | 6.66  |       | P        | 86.6 |
| 5 | <input type="checkbox"/> |       |            | 10.00 |       | P        | 33.3 |
| 6 | <input type="checkbox"/> |       |            | 23.33 |       | P        | 42.9 |
| 7 | <input type="checkbox"/> |       |            | 38.89 |       | P        | 50.2 |
| 8 | <input type="checkbox"/> |       |            | 80.00 |       | P        | 19.1 |
| 9 | <input type="checkbox"/> |       |            | 37.78 |       | P        | 18.4 |

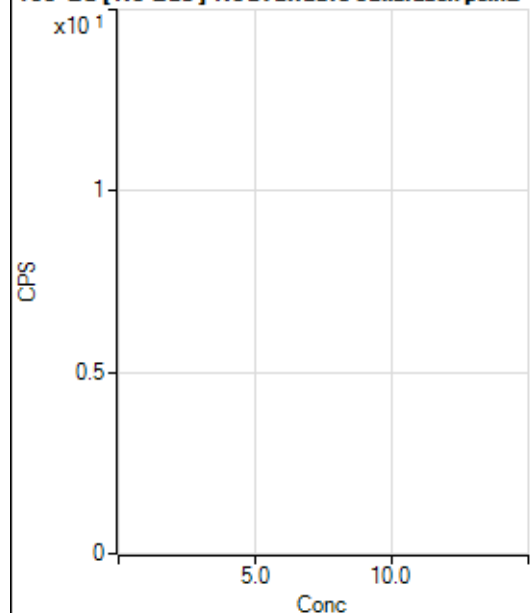


**156 Dy [ No Gas ] No available calibration points**

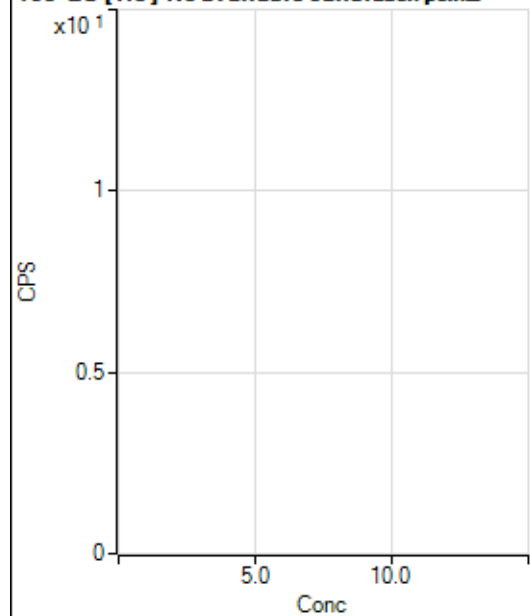
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 11.11  |       | P        | 43.3 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 11.11  |       | P        | 86.6 |
| 4 | <input type="checkbox"/> |       |            | 27.78  |       | P        | 34.6 |
| 5 | <input type="checkbox"/> |       |            | 33.33  |       | P        | 50.0 |
| 6 | <input type="checkbox"/> |       |            | 58.34  |       | P        | 14.3 |
| 7 | <input type="checkbox"/> |       |            | 113.90 |       | P        | 15.2 |
| 8 | <input type="checkbox"/> |       |            | 175.01 |       | P        | 33.3 |
| 9 | <input type="checkbox"/> |       |            | 111.12 |       | P        | 15.6 |

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

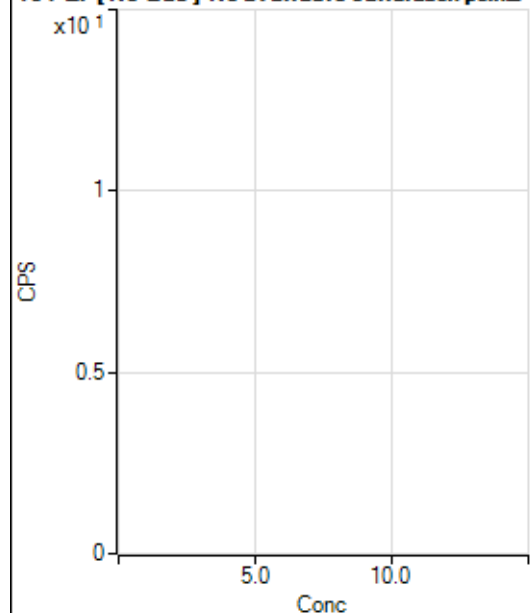
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 3.33   |       | P        | 100. |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 7.78   |       | P        | 24.7 |
| 4 | <input type="checkbox"/> |       |            | 12.22  |       | P        | 83.3 |
| 5 | <input type="checkbox"/> |       |            | 26.67  |       | P        | 37.5 |
| 6 | <input type="checkbox"/> |       |            | 54.44  |       | P        | 9.4  |
| 7 | <input type="checkbox"/> |       |            | 81.11  |       | P        | 6.3  |
| 8 | <input type="checkbox"/> |       |            | 132.23 |       | P        | 7.7  |
| 9 | <input type="checkbox"/> |       |            | 47.78  |       | P        | 31.5 |

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

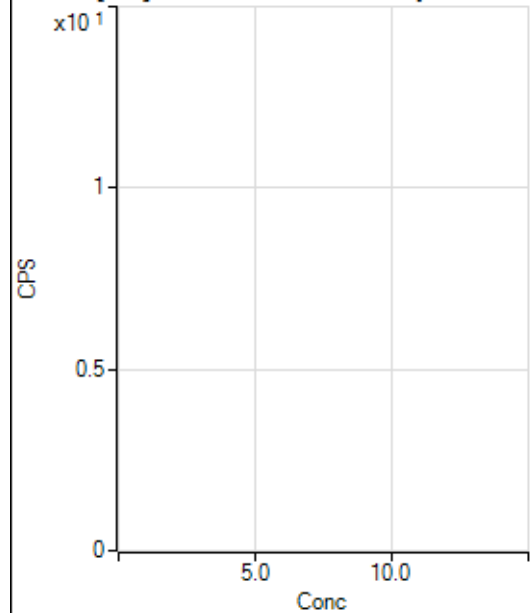
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 113.90 |       | P        | 21.1 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 113.89 |       | P        | 25.7 |
| 4 | <input type="checkbox"/> |       |            | 80.56  |       | P        | 33.3 |
| 5 | <input type="checkbox"/> |       |            | 111.11 |       | P        | 8.7  |
| 6 | <input type="checkbox"/> |       |            | 116.67 |       | P        | 18.9 |
| 7 | <input type="checkbox"/> |       |            | 94.45  |       | P        | 10.2 |
| 8 | <input type="checkbox"/> |       |            | 161.12 |       | P        | 13.0 |
| 9 | <input type="checkbox"/> |       |            | 175.01 |       | P        | 29.0 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 187.78 |       | P        | 29.6 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 195.56 |       | P        | 5.5  |
| 4 | <input type="checkbox"/> |       |            | 211.11 |       | P        | 6.6  |
| 5 | <input type="checkbox"/> |       |            | 212.23 |       | P        | 10.1 |
| 6 | <input type="checkbox"/> |       |            | 178.89 |       | P        | 14.9 |
| 7 | <input type="checkbox"/> |       |            | 200.00 |       | P        | 8.8  |
| 8 | <input type="checkbox"/> |       |            | 237.78 |       | P        | 2.1  |
| 9 | <input type="checkbox"/> |       |            | 244.45 |       | P        | 17.8 |

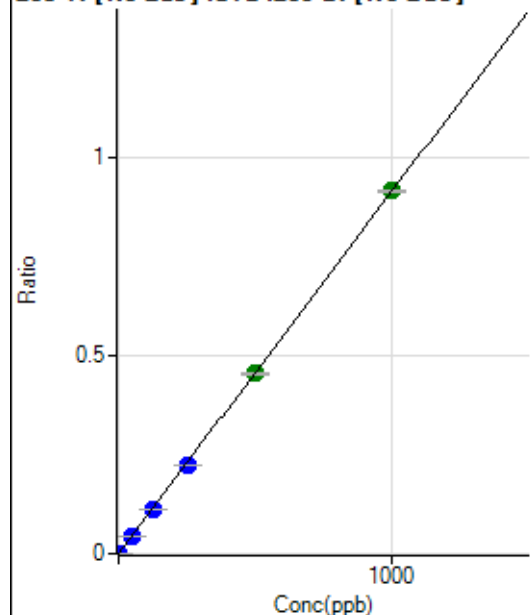
**164 Er [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 55.56  |       | P        | 34.6 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 55.56  |       | P        | 22.9 |
| 4 | <input type="checkbox"/> |       |            | 47.23  |       | P        | 20.4 |
| 5 | <input type="checkbox"/> |       |            | 50.00  |       | P        | 33.3 |
| 6 | <input type="checkbox"/> |       |            | 55.56  |       | P        | 34.6 |
| 7 | <input type="checkbox"/> |       |            | 61.11  |       | P        | 43.8 |
| 8 | <input type="checkbox"/> |       |            | 108.34 |       | P        | 7.7  |
| 9 | <input type="checkbox"/> |       |            | 77.78  |       | P        | 22.3 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 34.44 |       | P        | 5.6  |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 23.34 |       | P        | 24.7 |
| 4 | <input type="checkbox"/> |       |            | 15.55 |       | P        | 44.6 |
| 5 | <input type="checkbox"/> |       |            | 18.89 |       | P        | 44.4 |
| 6 | <input type="checkbox"/> |       |            | 23.33 |       | P        | 51.5 |
| 7 | <input type="checkbox"/> |       |            | 28.89 |       | P        | 29.0 |
| 8 | <input type="checkbox"/> |       |            | 35.56 |       | P        | 35.5 |
| 9 | <input type="checkbox"/> |       |            | 32.22 |       | P        | 6.0  |

203 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      | 58.34      | 0.0000 | P    | 62.8 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.926      | 9509.37    | 0.0009 | P    | 4.1  |
| 4 | <input type="checkbox"/> | 50.000   | 49.274     | 503206.20  | 0.0451 | P    | 2.2  |
| 5 | <input type="checkbox"/> | 125.000  | 123.814    | 1262931.93 | 0.1133 | P    | 0.8  |
| 6 | <input type="checkbox"/> | 250.000  | 243.990    | 2457032.02 | 0.2233 | P    | 1.0  |
| 7 | <input type="checkbox"/> | 500.000  | 497.379    | 4993106.92 | 0.4551 | A    | 0.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.998   | 9939388.85 | 0.9178 | A    | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 4815.00    | 0.0005 | P    | 2.3  |

$$y = 9.1506E-004 * x + 5.1867E-006$$

$$R = 1.0000$$

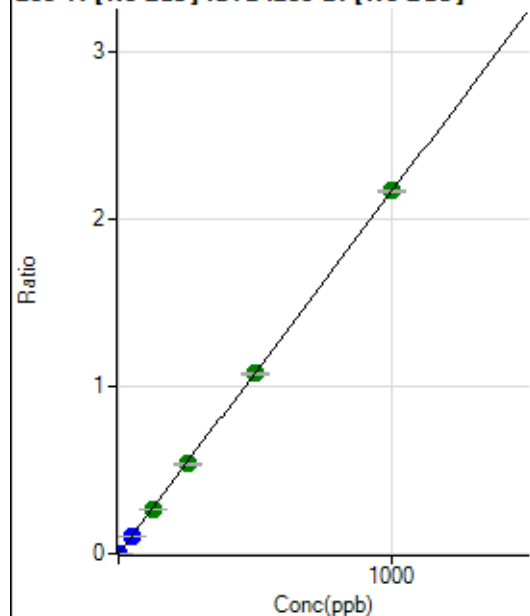
$$DL = 0.01068$$

$$BEC = 0.005668$$

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      | 177.79      | 0.0000 | P    | 8.7 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.979      | 23774.89    | 0.0021 | P    | 2.0 |
| 4 | <input type="checkbox"/> | 50.000   | 49.839     | 1201572.84  | 0.1077 | P    | 1.0 |
| 5 | <input type="checkbox"/> | 125.000  | 123.567    | 2975420.64  | 0.2669 | A    | 0.4 |
| 6 | <input type="checkbox"/> | 250.000  | 247.234    | 5876997.35  | 0.5341 | A    | 1.5 |
| 7 | <input type="checkbox"/> | 500.000  | 496.858    | 11774188.11 | 1.0733 | A    | 0.4 |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.450   | 23450304.17 | 2.1654 | A    | 0.5 |
| 9 | <input type="checkbox"/> |          |            | 11524.93    | 0.0012 | P    | 4.2 |

$$y = 0.0022 * x + 1.5711E-005$$

$$R = 1.0000$$

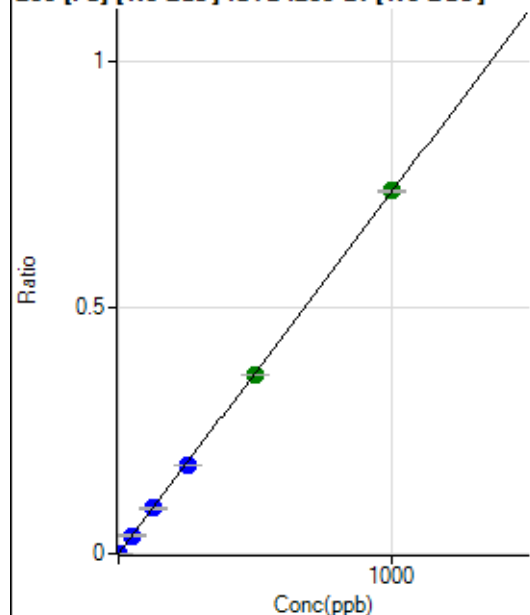
$$DL = 0.00189$$

$$BEC = 0.007273$$

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      | 259.27     | 0.0000 | P    | 11.0 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.000      | 8452.90    | 0.0008 | P    | 2.8  |
| 4 | <input type="checkbox"/> | 50.000   | 50.360     | 413105.27  | 0.0370 | P    | 0.7  |
| 5 | <input type="checkbox"/> | 125.000  | 125.089    | 1024542.62 | 0.0919 | P    | 0.5  |
| 6 | <input type="checkbox"/> | 250.000  | 245.039    | 1981142.56 | 0.1800 | P    | 1.2  |
| 7 | <input type="checkbox"/> | 500.000  | 495.573    | 3994004.34 | 0.3641 | A    | 0.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 1003.424   | 7982871.18 | 0.7372 | A    | 0.6  |
| 9 | <input type="checkbox"/> |          |            | 12333.84   | 0.0013 | P    | 1.1  |

$$y = 7.3461\text{E-}004 * x + 2.2909\text{E-}005$$

$$R = 1.0000$$

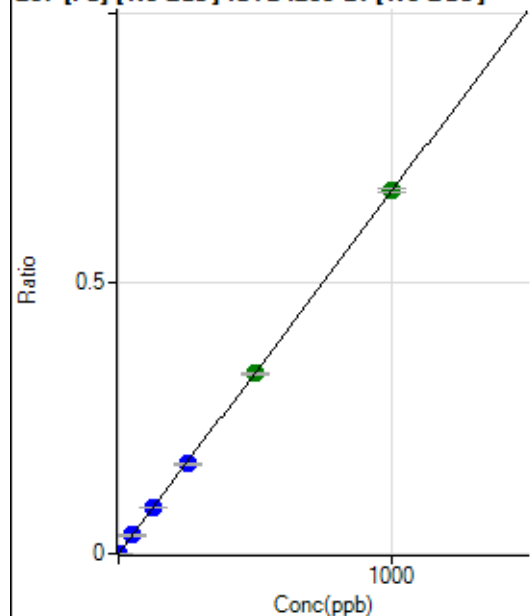
$$DL = 0.01032$$

$$BEC = 0.03118$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 216.67     | 0.0000 | P    | 22.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.984      | 7567.19    | 0.0007 | P    | 2.0  |
| 4 | <input type="checkbox"/> | 50.000   | 50.457     | 377244.72  | 0.0338 | P    | 0.9  |
| 5 | <input type="checkbox"/> | 125.000  | 125.845    | 939471.47  | 0.0843 | P    | 1.1  |
| 6 | <input type="checkbox"/> | 250.000  | 248.181    | 1828930.77 | 0.1662 | P    | 1.4  |
| 7 | <input type="checkbox"/> | 500.000  | 497.303    | 3653194.41 | 0.3330 | A    | 0.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.675   | 7263532.16 | 0.6707 | A    | 1.0  |
| 9 | <input type="checkbox"/> |          |            | 10441.40   | 0.0011 | P    | 3.8  |

$$y = 6.6959\text{E-}004 * x + 1.9136\text{E-}005$$

$$R = 1.0000$$

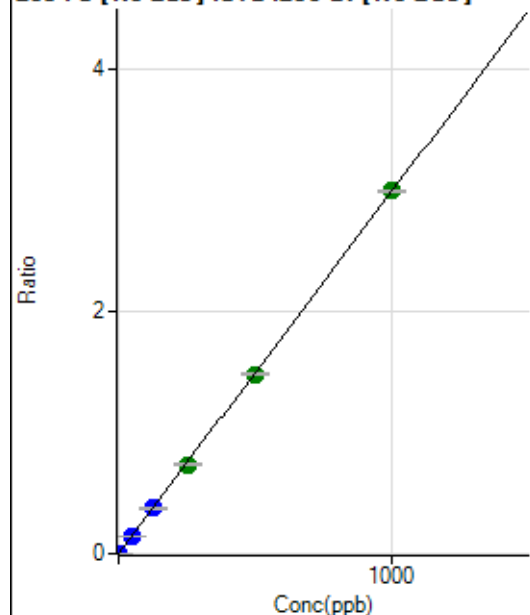
$$DL = 0.01897$$

$$BEC = 0.02858$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1018.56     | 0.0001 | P    | 15.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.985      | 33906.57    | 0.0030 | P    | 1.7  |
| 4 | <input type="checkbox"/> | 50.000   | 50.234     | 1678384.68  | 0.1504 | P    | 0.8  |
| 5 | <input type="checkbox"/> | 125.000  | 124.971    | 4169159.51  | 0.3740 | P    | 0.4  |
| 6 | <input type="checkbox"/> | 250.000  | 246.678    | 8123730.64  | 0.7382 | A    | 0.7  |
| 7 | <input type="checkbox"/> | 500.000  | 496.662    | 16304087.02 | 1.4862 | A    | 0.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.491   | 32485509.06 | 2.9998 | A    | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 48326.31    | 0.0051 | P    | 2.3  |

$$y = 0.0030 * x + 9.0058E-005$$

$$R = 1.0000$$

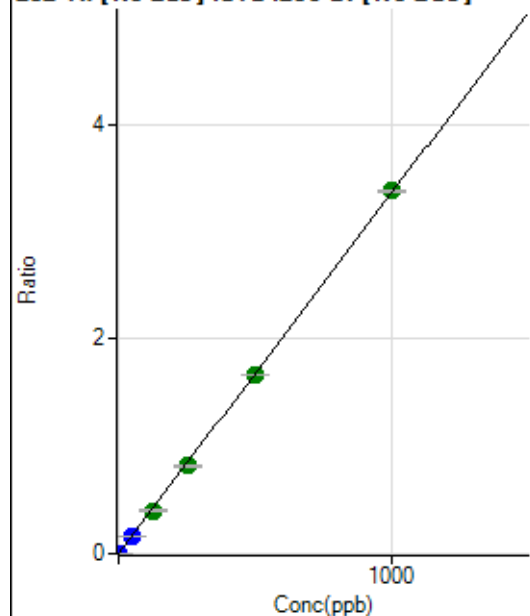
$$DL = 0.01411$$

$$BEC = 0.0301$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 133.34      | 0.0000 | P    | 23.8 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.924      | 34768.89    | 0.0031 | P    | 1.9  |
| 4 | <input type="checkbox"/> | 50.000   | 47.607     | 1785138.16  | 0.1600 | P    | 0.9  |
| 5 | <input type="checkbox"/> | 125.000  | 119.578    | 4478438.15  | 0.4018 | A    | 0.7  |
| 6 | <input type="checkbox"/> | 250.000  | 242.782    | 8976744.76  | 0.8157 | A    | 1.0  |
| 7 | <input type="checkbox"/> | 500.000  | 494.522    | 18227960.59 | 1.6615 | A    | 0.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 1005.341   | 36580990.63 | 3.3778 | A    | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 20713.56    | 0.0022 | P    | 10.7 |

$$y = 0.0034 * x + 1.1805E-005$$

$$R = 0.9999$$

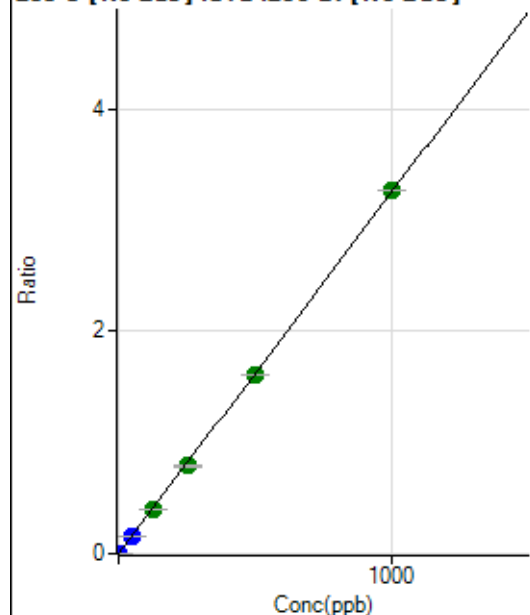
$$DL = 0.002511$$

$$BEC = 0.003514$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 47.22       | 0.0000 | P        | 35.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.958      | 34733.32    | 0.0031 | P        | 2.8  |
| 4 | <input type="checkbox"/> | 50.000   | 48.481     | 1756424.43  | 0.1574 | P        | 1.0  |
| 5 | <input type="checkbox"/> | 125.000  | 120.507    | 4360806.70  | 0.3912 | A        | 0.6  |
| 6 | <input type="checkbox"/> | 250.000  | 242.322    | 8657154.45  | 0.7867 | A        | 1.1  |
| 7 | <input type="checkbox"/> | 500.000  | 495.744    | 17655805.26 | 1.6094 | A        | 0.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 1004.685   | 35322432.04 | 3.2617 | A        | 0.2  |
| 9 | <input type="checkbox"/> |          |            | 5957.65     | 0.0006 | P        | 9.9  |

$$y = 0.0032 * x + 4.1629E-006$$

$$R = 1.0000$$

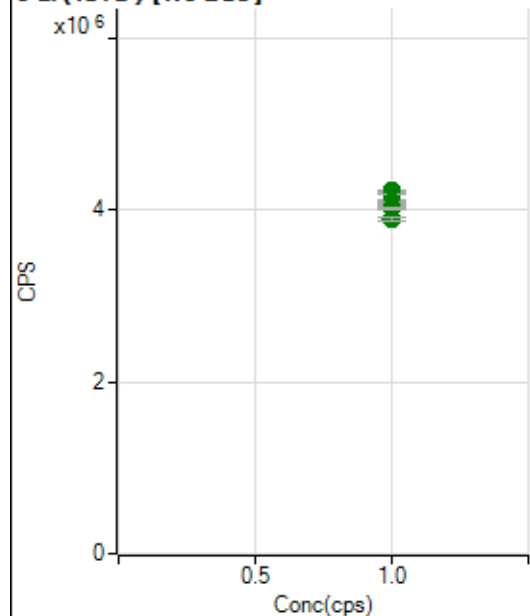
$$DL = 0.00136$$

$$BEC = 0.001282$$

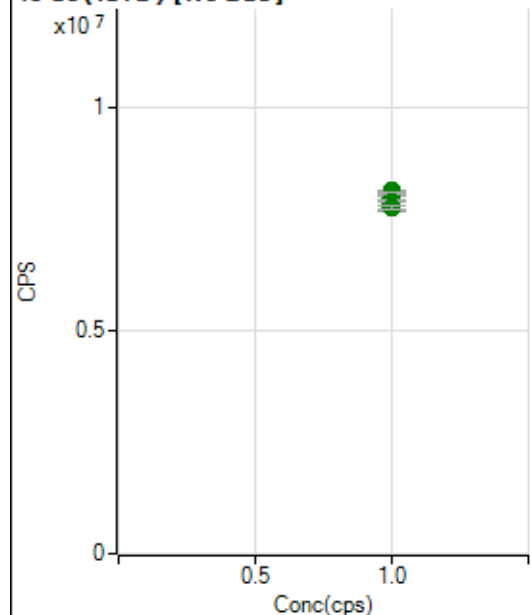
Weight: &lt;None&gt;

Min Conc: 0

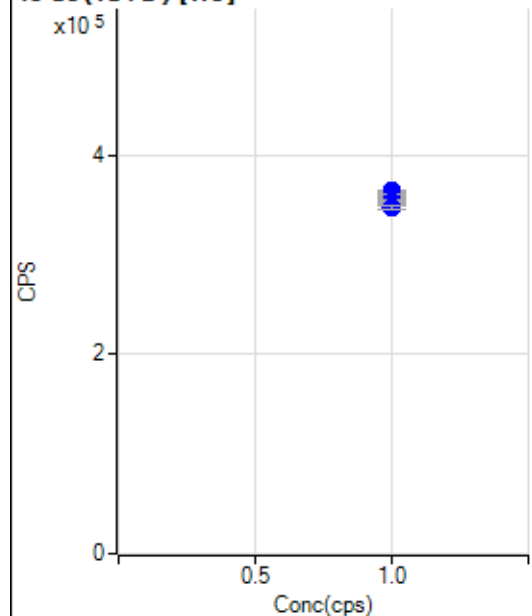
6 Li (ISTD) [No Gas]



|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4104937.92 |       | A        | 0.9 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 4196602.75 |       | A        | 0.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4224676.95 |       | A        | 0.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4184013.96 |       | A        | 0.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4090121.47 |       | A        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4029579.35 |       | A        | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4022988.55 |       | A        | 0.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 3900920.46 |       | A        | 1.1 |

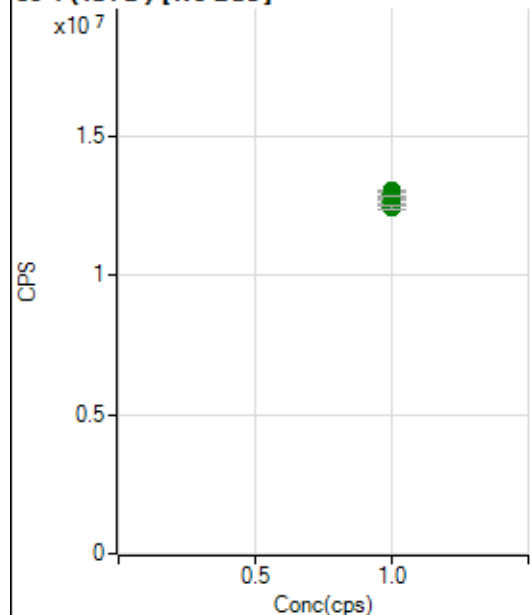
**45 Sc (ISTD) [No Gas]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 7981815.80 |       | A        | 1.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 8128736.82 |       | A        | 0.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 8133310.42 |       | A        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 8098754.78 |       | A        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 7835217.88 |       | A        | 0.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 7739337.41 |       | A        | 1.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 7900573.87 |       | A        | 0.8 |
| 9 | <input type="checkbox"/> | 1.000 |            | 7761774.74 |       | A        | 1.2 |

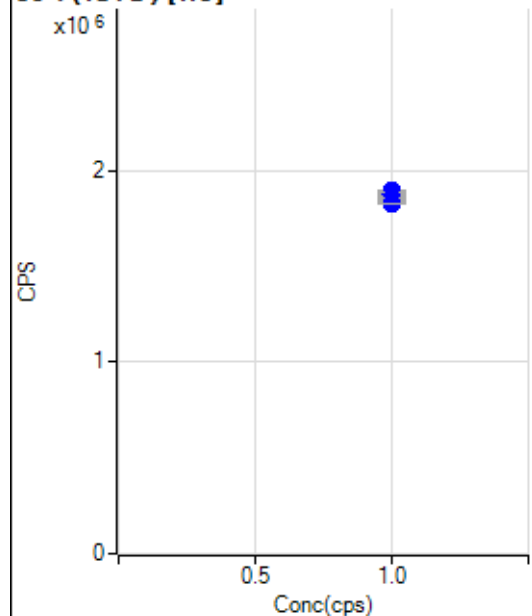
**45 Sc (ISTD) [He]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 358741.16 |       | P        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |           |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 362196.87 |       | P        | 0.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 364515.77 |       | P        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 361167.10 |       | P        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 351124.48 |       | P        | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 350847.58 |       | P        | 0.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 354162.20 |       | P        | 0.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 347930.92 |       | P        | 0.8 |

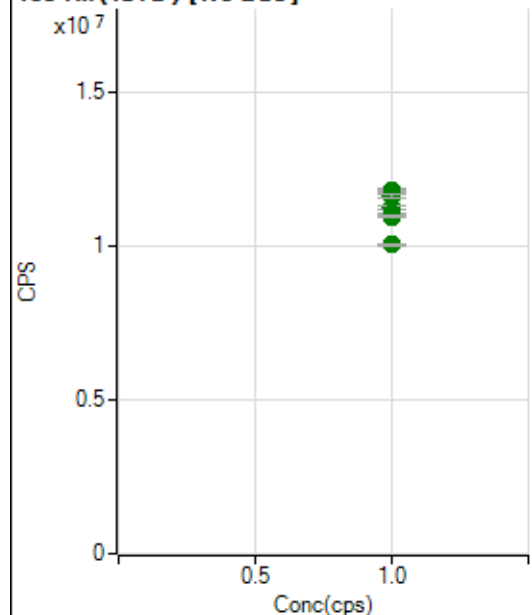


**89 Y (ISTD) [No Gas]**

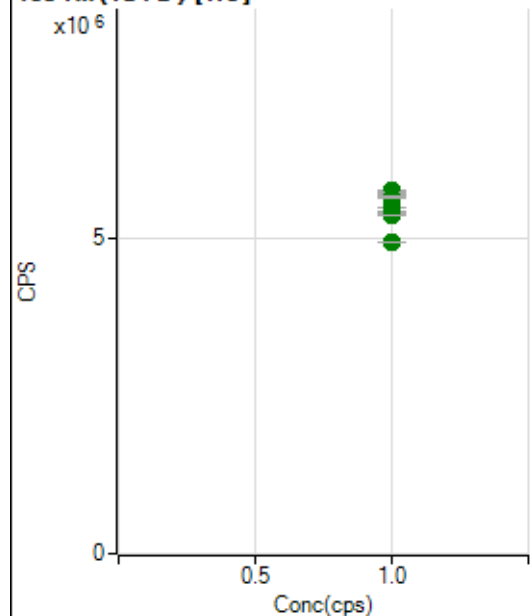
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 12936519.39 |       | A        | 1.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 12992350.64 |       | A        | 0.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 13034045.22 |       | A        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 12982351.34 |       | A        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 12744045.09 |       | A        | 1.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 12641874.26 |       | A        | 0.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 12843353.84 |       | A        | 0.3 |
| 9 | <input type="checkbox"/> | 1.000 |            | 12425017.45 |       | A        | 1.0 |

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

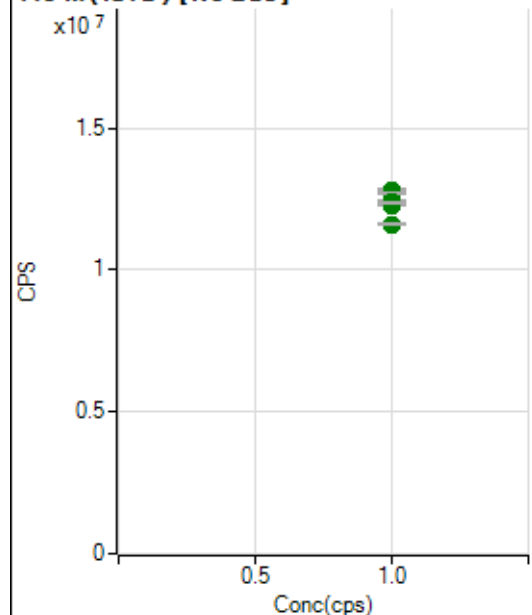
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1854032.49 |       | P        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1885443.98 |       | P        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1895709.74 |       | P        | 0.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1881685.96 |       | P        | 0.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1838093.67 |       | P        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1842806.76 |       | P        | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1859757.89 |       | P        | 0.3 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1828013.74 |       | P        | 0.5 |

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

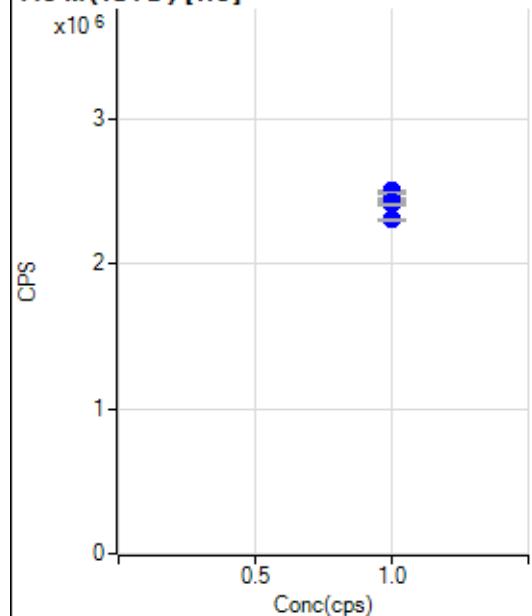
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 11768189.24 |       | A        | 1.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 11741977.09 |       | A        | 0.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 11699771.18 |       | A        | 0.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 11594510.15 |       | A        | 0.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 11224234.80 |       | A        | 0.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 11027092.44 |       | A        | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 10943601.12 |       | A        | 0.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 10034131.30 |       | A        | 0.8 |

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

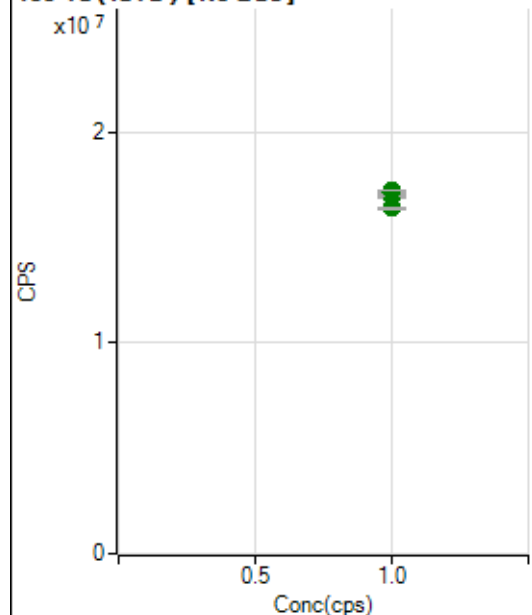
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 5655456.10 |       | A        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 5752085.61 |       | A        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 5713885.40 |       | A        | 0.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 5653480.26 |       | A        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 5489844.22 |       | A        | 0.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 5415596.80 |       | A        | 0.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5367617.00 |       | A        | 0.3 |
| 9 | <input type="checkbox"/> | 1.000 |            | 4941727.81 |       | A        | 0.2 |

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

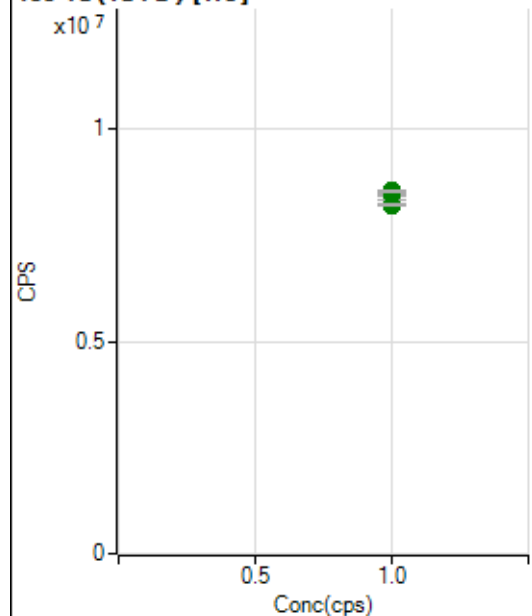
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 12788299.81 |       | A        | 1.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 12773273.36 |       | A        | 0.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 12775032.43 |       | A        | 0.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 12703130.81 |       | A        | 0.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 12404151.00 |       | A        | 1.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 12276211.76 |       | A        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 12370190.18 |       | A        | 0.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 11622952.26 |       | A        | 0.6 |

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

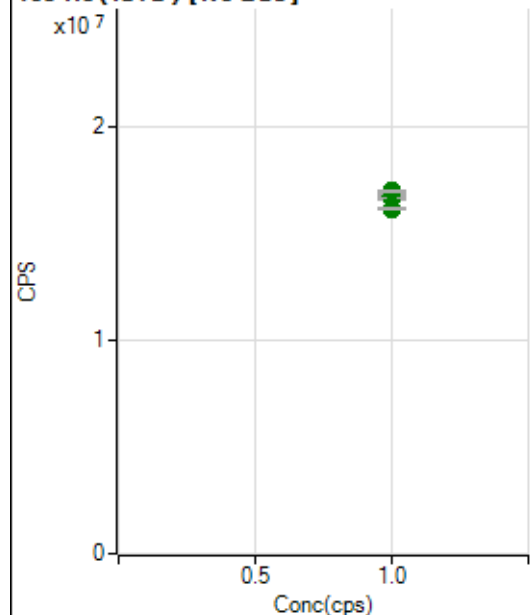
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2445940.09 |       | P        | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 2501798.63 |       | P        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2505132.31 |       | P        | 0.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2487091.16 |       | P        | 0.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2431291.56 |       | P        | 0.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2411787.25 |       | P        | 0.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2413450.46 |       | P        | 0.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 2304760.53 |       | P        | 0.5 |

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

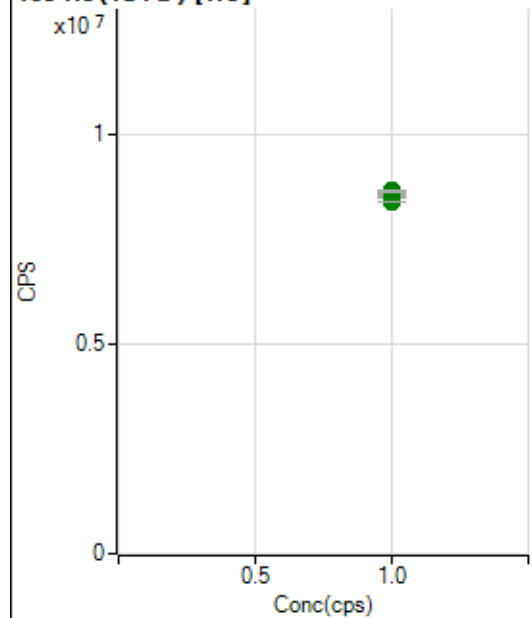
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 17019419.88 |       | A        | 1.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 16937854.75 |       | A        | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 17030884.61 |       | A        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 17103577.94 |       | A        | 1.0 |
| 6 | <input type="checkbox"/> | 1.000 |            | 16930048.22 |       | A        | 1.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 16986578.50 |       | A        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 17193877.80 |       | A        | 0.0 |
| 9 | <input type="checkbox"/> | 1.000 |            | 16376535.17 |       | A        | 0.8 |

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

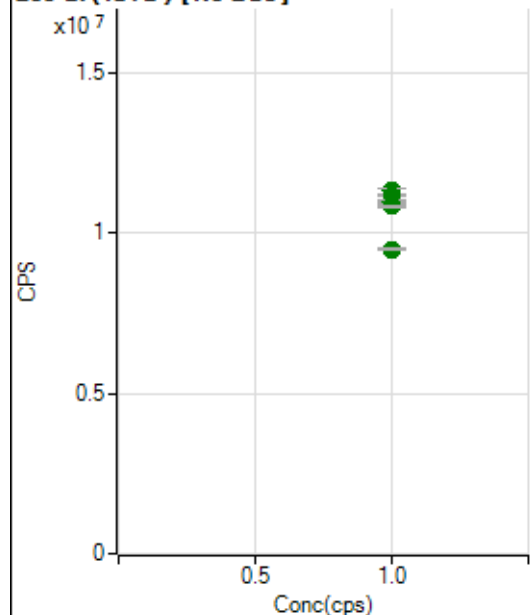
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 8346075.29 |       | A        | 0.1 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 8479806.89 |       | A        | 0.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 8531166.40 |       | A        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 8516094.39 |       | A        | 0.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 8449552.58 |       | A        | 0.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 8472309.80 |       | A        | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 8544859.04 |       | A        | 0.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 8216724.11 |       | A        | 0.4 |

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

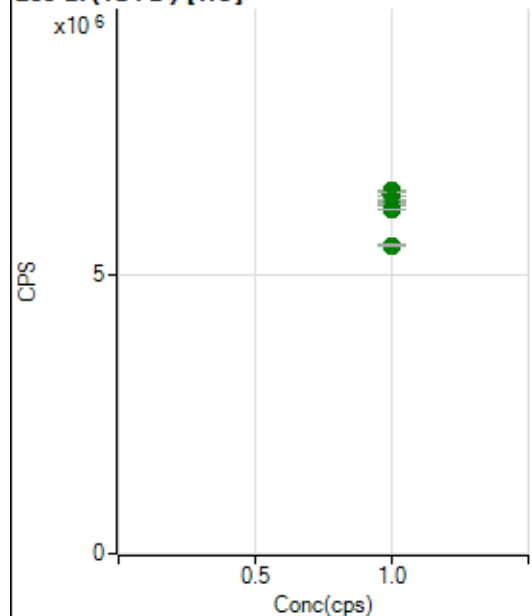
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 16657516.35 |       | A        | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 16624353.84 |       | A        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 16708563.91 |       | A        | 0.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 16755312.70 |       | A        | 0.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 16620766.69 |       | A        | 0.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 16752688.22 |       | A        | 1.0 |
| 8 | <input type="checkbox"/> | 1.000 |            | 16987034.93 |       | A        | 0.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 16122523.63 |       | A        | 0.6 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 8494153.34 |       | A        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 8575071.40 |       | A        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 8627669.32 |       | A        | 0.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 8629382.72 |       | A        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 8588571.82 |       | A        | 0.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 8602168.28 |       | A        | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 8656517.72 |       | A        | 0.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 8399567.51 |       | A        | 0.2 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 11308692.75 |       | A        | 1.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 11158541.78 |       | A        | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 11159641.78 |       | A        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 11146643.03 |       | A        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 11005071.71 |       | A        | 0.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 10970296.23 |       | A        | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 10829646.02 |       | A        | 0.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 9491416.67  |       | A        | 0.6 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6489283.72 |       | A        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 6493434.83 |       | A        | 0.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6467055.81 |       | A        | 0.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6431689.56 |       | A        | 0.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6321772.26 |       | A        | 0.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6240436.02 |       | A        | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 6163688.17 |       | A        | 0.3 |
| 9 | <input type="checkbox"/> | 1.000 |            | 5516812.42 |       | A        | 0.8 |

US EPA Tune Check Sample Report

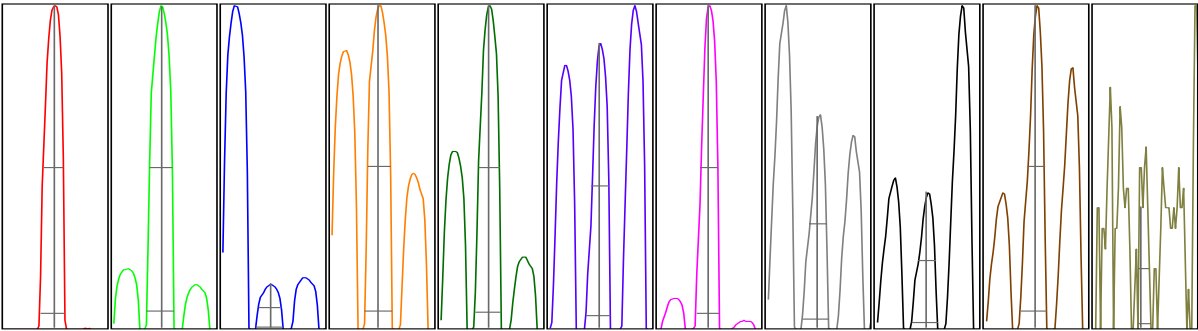
Batch Folder D:\ICP-MS Data\P7090718 MS.b  
Report Comment  
Instrument Name G8403A JP14410463

[No Gas]

| Mass | Count<br>(Mean) | RSD%<br>(Actual) | RSD%<br>(Required) | RSD%<br>(Flag) |
|------|-----------------|------------------|--------------------|----------------|
| 9    | 14143           | 0.17             | 5.00               |                |
| 24   | 610363          | 0.22             | 5.00               |                |
| 25   | 84492           | 0.25             | 5.00               |                |
| 26   | 98322           | 0.57             | 5.00               |                |
| 59   | 108312          | 0.47             | 5.00               |                |
| 113  | 13514           | 0.49             | 5.00               |                |
| 115  | 158641          | 0.54             | 5.00               |                |
| 206  | 39723           | 0.47             | 5.00               |                |
| 207  | 36364           | 0.46             | 5.00               |                |
| 208  | 85520           | 0.59             | 5.00               |                |
| 220  | 0               | 39.49            |                    |                |

| Mass | Replicate 1<br>Count | Replicate 2<br>Count | Replicate 3<br>Count | Replicate 4<br>Count | Replicate 5<br>Count |
|------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 9    | 14156                | 14153                | 14170                | 14120                | 14114                |
| 24   | 609986               | 612728               | 610104               | 609501               | 609493               |
| 25   | 84845                | 84471                | 84279                | 84464                | 84403                |
| 26   | 97980                | 99259                | 98448                | 97969                | 97955                |
| 59   | 108278               | 108464               | 109089               | 107972               | 107757               |
| 113  | 13584                | 13528                | 13566                | 13430                | 13462                |
| 115  | 158660               | 160047               | 158623               | 157868               | 158008               |
| 206  | 39444                | 39799                | 39911                | 39834                | 39630                |
| 207  | 36451                | 36340                | 36399                | 36538                | 36094                |
| 208  | 85042                | 86293                | 85114                | 85642                | 85508                |
| 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    | 24908          | 9.00             | 8.9 - 9.1          |                | 0.735                | 0.900                  |                        |
| 24   | 990499         | 23.95            | 23.9 - 24.1        |                | 0.785                | 0.900                  |                        |
| 25   | 136778         | 24.95            | 24.9 - 25.1        |                | 0.787                | 0.900                  |                        |
| 26   | 158684         | 25.90            | 25.9 - 26.1        |                | 0.785                | 0.900                  |                        |
| 59   | 189799         | 58.95            | 58.9 - 59.1        |                | 0.772                | 0.900                  |                        |
| 113  | 27230          | 113.00           | 112.9 - 113.1      |                | 0.705                | 0.900                  |                        |
| 115  | 318111         | 115.00           | 114.9 - 115.1      |                | 0.683                | 0.900                  |                        |
| 206  | 81650          | 206.00           | 205.9 - 206.1      |                | 0.757                | 0.900                  |                        |
| 207  | 74912          | 207.00           | 206.9 - 207.1      |                | 0.744                | 0.900                  |                        |
| 208  | 176798         | 208.00           | 207.9 - 208.1      |                | 0.764                | 0.900                  |                        |
| 220  | 0              | 219.90           | -                  |                | 0.393                |                        |                        |

X% = 5 Integration Time [sec] = 0.1 Acquisition Time [sec] = 268 Y Axis = Linear

Tune Parameters

## Plasma Paramters ##

| ParameterName | Value | Unit | ParameterName  | Value | Unit  | ParameterName       | Value | Unit         |
|---------------|-------|------|----------------|-------|-------|---------------------|-------|--------------|
| RF Power      | 1600  | W    | Carrier Gas    | 0.80  | 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  | rpm   | Makeup/Dilution Gas |       | 0.37 L/min   |

## Lenses Parameters ##

| ParameterName | Value  | Unit | ParameterName | Value | Unit | ParameterName | Value | Unit |
|---------------|--------|------|---------------|-------|------|---------------|-------|------|
| Extract 1     | 0.0    | V    | Omega Lens    | 6.3   | V    | Deflect       | 14.2  | V    |
| Extract 2     | -125.0 | V    | Cell Entrance | -30   | V    | Plate Bias    | -35   | V    |
| Omega Bias    | -70    | 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       | 190   | V    |                       |       |       |

[He]

| Mass | Count<br>(Mean) | RSD%<br>(Actual) | RSD%<br>(Required) |
|------|-----------------|------------------|--------------------|
| 59   | 27613           | 0.24             |                    |
| 89   | 46582           | 0.31             |                    |
| 205  | 34242           | 0.55             |                    |

| Mass | Replicate 1<br>Count | Replicate 2<br>Count | Replicate 3<br>Count | Replicate 4<br>Count | Replicate 5<br>Count |
|------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 59   | 27647                | 27654                | 27502                | 27662                | 27601                |
| 89   | 46685                | 46733                | 46451                | 46408                | 46633                |
| 205  | 34401                | 33947                | 34372                | 34160                | 34329                |

Integration Time [sec] = 0.1

Tune Parameters

## Plasma Paramters ##

| ParameterName | Value | Unit | ParameterName  | Value | Unit  | ParameterName       | Value | Unit         |
|---------------|-------|------|----------------|-------|-------|---------------------|-------|--------------|
| RF Power      | 1600  | W    | Carrier Gas    | 0.80  | 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  | rpm   | Makeup/Dilution Gas |       | 0.37 L/min   |

## Lenses Parameters ##

| ParameterName | Value  | Unit | ParameterName | Value | Unit | ParameterName | Value | Unit |
|---------------|--------|------|---------------|-------|------|---------------|-------|------|
| Extract 1     | 0.0    | V    | Omega Lens    | 6.7   | V    | Deflect       | 2.2   | V    |
| Extract 2     | -125.0 | V    | Cell Entrance | -40   | V    | Plate Bias    | -60   | V    |
| Omega Bias    | -70    | V    | Cell Exit     | -60   | V    |               |       |      |

## Cell Parameters ##

| ParameterName | Value | Unit   | ParameterName | Value | Unit | ParameterName         | Value | Unit  |
|---------------|-------|--------|---------------|-------|------|-----------------------|-------|-------|
| Use Gas       | Yes   |        | OctP Bias     | -18.0 | V    | Energy Discrimination |       | 5.0 V |
| He Flow       | 4.1   | mL/min | OctP RF       | 190   | V    |                       |       |       |

LB Number : LB97843 Operator : Jaswal  
 Lab Sample ID : S00 Instrumnet Name : P7  
 Client Sample ID : S00 Dilution Factor : 1  
 Date & Time Acquired :: 2018-09-07 14:52:09 DataFile Name : 003CALB.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.37   | 0.23    | 0.14    | 0.00       | N/A     | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Arsenic    | 75-2  | 0.01    | 0.00    | -0.01   | 0.00       | N/A     | ppb   |
| Barium     | 135-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Bismuth    | 209-2 |         |         |         | 100        |         | %     |
| Boron      | 10-1  | -0.18   | 0.06    | 0.12    | 0.00       | N/A     | ppb   |
| Boron      | 11-1  | -0.01   | 0.07    | -0.07   | 0.00       | N/A     | ppb   |
| Cadmium    | 111-1 | 0.00    | -0.02   | 0.02    | 0.00       | N/A     | ppb   |
| Cadmium    | 106-1 | 0.02    | -0.23   | 0.22    | 0.00       | N/A     | ppb   |
| Cadmium    | 108-1 | 0.01    | -0.02   | 0.01    | 0.00       | N/A     | ppb   |
| Calcium    | 43-1  | -0.67   | 1.14    | -0.47   | 0.00       | N/A     | ppb   |
| Calcium    | 44-1  | -0.46   | -0.13   | 0.59    | 0.00       | N/A     | ppb   |
| Chromium   | 52-2  | 0.00    | -0.02   | 0.02    | 0.00       | N/A     | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Copper     | 63-2  | -0.01   | 0.00    | 0.01    | 0.00       | N/A     | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 100        |         | %     |
| Holmium    | 165-2 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Iron       | 56-2  | 0.01    | -0.02   | 0.01    | 0.00       | N/A     | ppb   |
| Iron       | 57-2  | 0.41    | -0.54   | 0.13    | 0.00       | N/A     | ppb   |
| Lead       | 206-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Lead       | 207-1 | 0.01    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |
| Lead       | 208-1 | 0.00    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |
| Lithium    | 6-1   |         |         |         | 100        |         | %     |
| Magnesium  | 24-2  | -0.05   | -0.05   | 0.10    | 0.00       | N/A     | ppb   |
| Manganese  | 55-2  | -0.01   | 0.01    | -0.01   | 0.00       | N/A     | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 14:52:09 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | -0.01   | 0.02    | 0.00       | N/A     | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.00    | -0.01   | 0.00       | N/A     | ppb   |
| Molybdenum | 97-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 98-1  | 0.01    | 0.00    | -0.01   | 0.00       | N/A     | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.01    | -0.01   | 0.01    | 0.00       | N/A     | ppb   |
| Phosphorus | 31-2  | 6.63    | 3.67    | -13.78  | -1.16      |         | ppb   |
| Potassium  | 39-2  | -2.88   | -0.23   | 3.11    | 0.00       | N/A     | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Rhodium    | 103-2 |         |         |         | 100        |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 100        |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.14   | -0.29   | 0.43    | 0.00       | N/A     | ppb   |
| Selenium   | 82-1  | 0.11    | 0.12    | -0.23   | 0.00       | N/A     | ppb   |
| Silicon    | 28-1  | -1.12   | -0.18   | 1.30    | 0.00       | N/A     | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Sodium     | 23-2  | 2.37    | -1.39   | -0.98   | 0.00       | N/A     | ppb   |
| Strontium  | 86-1  | 0.02    | -0.03   | 0.01    | 0.00       | N/A     | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Sulfur     | 34-1  | -54.08  | 147.68  | 249.80  | 114.47     | 135.09  | ppb   |
| Terbium    | 159-1 |         |         |         | 100        |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 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  | 0.06    | -0.01   | -0.04   | 0.00       | N/A     | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Yttrium    | 89-1  |         |         |         | 100        |         | %     |
| Yttrium    | 89-2  |         |         |         | 100        |         | %     |
| Zinc       | 66-2  | 0.05    | -0.02   | -0.03   | 0.00       | N/A     | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 14:52:09 | DataFile Name :   | 003CALB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.00    | 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 : LB97843 Operator : Jaswal  
 Lab Sample ID : S02 Instrumnet Name : P7  
 Client Sample ID : S02 Dilution Factor : 1  
 Date & Time Acquired :: 2018-09-07 15:00:31 DataFile Name : 005CALS.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 15.78   | 18.98   | 19.02   | 17.93      | 10.36   | ppb   |
| Antimony   | 121-1 | 1.95    | 1.92    | 1.92    | 1.93       | 0.84    | ppb   |
| Arsenic    | 75-2  | 1.01    | 1.08    | 0.92    | 1.01       | 8.13    | ppb   |
| Barium     | 135-1 | 9.80    | 9.85    | 9.71    | 9.78       | 0.74    | ppb   |
| Barium     | 137-1 | 10.25   | 9.83    | 9.76    | 9.94       | 2.67    | ppb   |
| Beryllium  | 9-1   | 1.09    | 1.04    | 0.99    | 1.04       | 4.83    | ppb   |
| Bismuth    | 209-1 |         |         |         | 99         |         | %     |
| Bismuth    | 209-2 |         |         |         | 100        |         | %     |
| Boron      | 10-1  | 22.02   | 24.61   | 23.01   | 23.21      | 5.61    | ppb   |
| Boron      | 11-1  | 23.16   | 23.71   | 23.76   | 23.55      | 1.41    | ppb   |
| Cadmium    | 111-1 | 0.97    | 1.10    | 0.94    | 1.00       | 8.25    | ppb   |
| Cadmium    | 106-1 | 0.75    | 0.53    | -0.20   | 0.36       | 137.46  | ppb   |
| Cadmium    | 108-1 | 1.21    | 1.07    | 0.82    | 1.03       | 18.75   | ppb   |
| Calcium    | 43-1  | 462.26  | 454.38  | 455.89  | 457.51     | 0.91    | ppb   |
| Calcium    | 44-1  | 475.19  | 476.69  | 471.31  | 474.40     | 0.58    | ppb   |
| Chromium   | 52-2  | 2.06    | 2.06    | 2.13    | 2.09       | 2.00    | ppb   |
| Cobalt     | 59-2  | 0.97    | 1.02    | 0.96    | 0.98       | 3.26    | ppb   |
| Copper     | 63-2  | 2.21    | 2.14    | 2.15    | 2.17       | 1.76    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 100        |         | %     |
| Holmium    | 165-2 |         |         |         | 101        |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Indium     | 115-2 |         |         |         | 102        |         | %     |
| Iron       | 56-2  | 49.98   | 51.10   | 50.08   | 50.39      | 1.23    | ppb   |
| Iron       | 57-2  | 50.74   | 49.81   | 55.91   | 52.15      | 6.30    | ppb   |
| Lead       | 206-1 | 1.00    | 1.03    | 0.97    | 1.00       | 2.84    | ppb   |
| Lead       | 207-1 | 0.99    | 0.96    | 1.00    | 0.98       | 2.04    | ppb   |
| Lead       | 208-1 | 0.97    | 0.98    | 1.01    | 0.99       | 1.80    | ppb   |
| Lithium    | 6-1   |         |         |         | 102        |         | %     |
| Magnesium  | 24-2  | 495.26  | 499.86  | 492.82  | 495.98     | 0.72    | ppb   |
| Manganese  | 55-2  | 1.06    | 1.07    | 0.97    | 1.03       | 5.56    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB97843             | Operator :        | Jaswal     |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S02                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-09-07 15:00:31 | DataFile Name :   | 005CAL.S.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 4.89    | 4.96    | 4.93    | 4.93       | 0.76    | ppb   |
| Molybdenum | 95-1  | 4.85    | 4.91    | 4.93    | 4.90       | 0.88    | ppb   |
| Molybdenum | 96-1  | 5.01    | 4.89    | 4.79    | 4.90       | 2.21    | ppb   |
| Molybdenum | 97-1  | 4.95    | 4.81    | 4.74    | 4.83       | 2.29    | ppb   |
| Molybdenum | 98-1  | 4.94    | 4.92    | 4.77    | 4.87       | 1.90    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.06    | 1.11    | 1.12    | 1.10       | 3.04    | ppb   |
| Phosphorus | 31-2  | 3.06    | -1.19   | 1.62    | 1.16       | 185.84  | ppb   |
| Potassium  | 39-2  | 470.51  | 467.34  | 474.64  | 470.83     | 0.78    | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Rhodium    | 103-2 |         |         |         | 102        |         | %     |
| Scandium   | 45-1  |         |         |         | 102        |         | %     |
| Scandium   | 45-2  |         |         |         | 101        |         | %     |
| Selenium   | 77-2  | 6.90    | 4.77    | 7.34    | 6.33       | 21.71   | ppb   |
| Selenium   | 78-2  | 4.15    | 5.98    | 5.09    | 5.07       | 17.96   | ppb   |
| Selenium   | 82-1  | 5.43    | 4.83    | 4.63    | 4.96       | 8.37    | ppb   |
| Silicon    | 28-1  | 15.71   | 16.53   | 15.42   | 15.89      | 3.62    | ppb   |
| Silver     | 109-1 | 1.05    | 1.07    | 1.07    | 1.06       | 1.28    | ppb   |
| Silver     | 107-1 | 1.07    | 1.02    | 1.02    | 1.04       | 2.86    | ppb   |
| Sodium     | 23-2  | 490.26  | 487.57  | 487.08  | 488.30     | 0.35    | ppb   |
| Strontium  | 86-1  | 0.99    | 1.05    | 1.05    | 1.03       | 3.15    | ppb   |
| Strontium  | 88-1  | 1.01    | 1.03    | 0.99    | 1.01       | 1.55    | ppb   |
| Sulfur     | 34-1  | -130.05 | -56.27  | -157.09 | -114.47    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 100        |         | %     |
| Terbium    | 159-2 |         |         |         | 102        |         | %     |
| Thallium   | 203-1 | 0.95    | 0.94    | 0.88    | 0.93       | 4.13    | ppb   |
| Thallium   | 205-1 | 0.96    | 1.00    | 0.97    | 0.98       | 1.99    | ppb   |
| Thorium    | 232-1 | 0.94    | 0.91    | 0.92    | 0.92       | 1.88    | ppb   |
| Tin        | 118-1 | 5.11    | 5.04    | 4.98    | 5.04       | 1.22    | ppb   |
| Titanium   | 47-1  | 5.25    | 5.05    | 5.15    | 5.15       | 1.92    | ppb   |
| Uranium    | 238-1 | 0.97    | 0.98    | 0.93    | 0.96       | 2.84    | ppb   |
| Vanadium   | 51-2  | 4.65    | 4.73    | 4.79    | 4.72       | 1.46    | ppb   |
| Yttrium    | 89-1  |         |         |         | 100        |         | %     |
| Yttrium    | 89-2  |         |         |         | 102        |         | %     |
| Zinc       | 66-2  | 2.28    | 1.96    | 2.14    | 2.13       | 7.53    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 15:00:31 | DataFile Name :   | 005CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.99    | 0.98    | 1.02    | 1.00       | 2.08    | ppb   |
| Zirconium | 91-1 | 1.04    | 0.94    | 1.06    | 1.02       | 6.37    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB97843             | Operator :        | Jaswal     |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S03                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-09-07 15:04:25 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 984.09  | 980.49  | 1005.97 | 990.18     | 1.39    | ppb   |
| Antimony   | 121-1 | 51.33   | 51.32   | 51.61   | 51.42      | 0.32    | ppb   |
| Arsenic    | 75-2  | 50.26   | 50.50   | 50.47   | 50.41      | 0.26    | ppb   |
| Barium     | 135-1 | 253.82  | 257.49  | 256.57  | 255.96     | 0.75    | ppb   |
| Barium     | 137-1 | 256.33  | 258.61  | 257.59  | 257.51     | 0.44    | ppb   |
| Beryllium  | 9-1   | 52.67   | 52.38   | 52.34   | 52.46      | 0.34    | ppb   |
| Bismuth    | 209-1 |         |         |         | 99         |         | %     |
| Bismuth    | 209-2 |         |         |         | 100        |         | %     |
| Boron      | 10-1  | 48.92   | 50.49   | 51.89   | 50.43      | 2.94    | ppb   |
| Boron      | 11-1  | 49.20   | 49.58   | 51.00   | 49.93      | 1.90    | ppb   |
| Cadmium    | 111-1 | 55.32   | 55.41   | 54.97   | 55.24      | 0.42    | ppb   |
| Cadmium    | 106-1 | 56.03   | 53.28   | 53.60   | 54.30      | 2.77    | ppb   |
| Cadmium    | 108-1 | 53.33   | 53.00   | 53.81   | 53.38      | 0.77    | ppb   |
| Calcium    | 43-1  | 4959.42 | 4906.79 | 4922.79 | 4929.67    | 0.55    | ppb   |
| Calcium    | 44-1  | 4930.40 | 4898.63 | 4959.55 | 4929.53    | 0.62    | ppb   |
| Chromium   | 52-2  | 50.59   | 50.79   | 51.58   | 50.99      | 1.02    | ppb   |
| Cobalt     | 59-2  | 51.85   | 51.40   | 51.90   | 51.72      | 0.54    | ppb   |
| Copper     | 63-2  | 106.52  | 105.95  | 105.83  | 106.10     | 0.35    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 100        |         | %     |
| Holmium    | 165-2 |         |         |         | 102        |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Indium     | 115-2 |         |         |         | 102        |         | %     |
| Iron       | 56-2  | 2558.94 | 2533.33 | 2552.52 | 2548.26    | 0.52    | ppb   |
| Iron       | 57-2  | 2601.61 | 2536.84 | 2591.16 | 2576.54    | 1.35    | ppb   |
| Lead       | 206-1 | 50.03   | 50.30   | 50.75   | 50.36      | 0.72    | ppb   |
| Lead       | 207-1 | 50.13   | 50.25   | 50.99   | 50.46      | 0.93    | ppb   |
| Lead       | 208-1 | 50.08   | 49.95   | 50.67   | 50.23      | 0.76    | ppb   |
| Lithium    | 6-1   |         |         |         | 103        |         | %     |
| Magnesium  | 24-2  | 5049.62 | 5069.83 | 5074.11 | 5064.52    | 0.26    | ppb   |
| Manganese  | 55-2  | 102.20  | 101.63  | 102.36  | 102.06     | 0.38    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB97843             | Operator :        | Jaswal     |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S03                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-09-07 15:04:25 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 252.35  | 250.17  | 248.88  | 250.47     | 0.70    | ppb   |
| Molybdenum | 95-1  | 251.48  | 249.67  | 249.34  | 250.16     | 0.46    | ppb   |
| Molybdenum | 96-1  | 252.31  | 249.65  | 248.79  | 250.25     | 0.73    | ppb   |
| Molybdenum | 97-1  | 250.15  | 248.39  | 247.51  | 248.69     | 0.54    | ppb   |
| Molybdenum | 98-1  | 253.02  | 250.75  | 247.78  | 250.52     | 1.05    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 53.81   | 52.38   | 53.01   | 53.07      | 1.35    | ppb   |
| Phosphorus | 31-2  | 1000.39 | 1095.21 | 1023.62 | 1039.74    | 4.75    | ppb   |
| Potassium  | 39-2  | 2396.98 | 2412.31 | 2420.05 | 2409.78    | 0.49    | ppb   |
| Rhodium    | 103-1 |         |         |         | 99         |         | %     |
| Rhodium    | 103-2 |         |         |         | 101        |         | %     |
| Scandium   | 45-1  |         |         |         | 102        |         | %     |
| Scandium   | 45-2  |         |         |         | 102        |         | %     |
| Selenium   | 77-2  | 52.08   | 55.18   | 49.55   | 52.27      | 5.39    | ppb   |
| Selenium   | 78-2  | 51.13   | 50.23   | 51.06   | 50.81      | 0.99    | ppb   |
| Selenium   | 82-1  | 53.65   | 54.18   | 52.61   | 53.48      | 1.49    | ppb   |
| Silicon    | 28-1  | 60.06   | 58.72   | 59.69   | 59.49      | 1.16    | ppb   |
| Silver     | 109-1 | 53.74   | 54.19   | 54.15   | 54.03      | 0.46    | ppb   |
| Silver     | 107-1 | 54.35   | 53.73   | 53.55   | 53.88      | 0.78    | ppb   |
| Sodium     | 23-2  | 4982.39 | 5002.14 | 5046.56 | 5010.36    | 0.66    | ppb   |
| Strontium  | 86-1  | 51.15   | 50.91   | 51.24   | 51.10      | 0.33    | ppb   |
| Strontium  | 88-1  | 51.06   | 50.90   | 50.44   | 50.80      | 0.63    | ppb   |
| Sulfur     | 34-1  | 1069.65 | 827.72  | 986.61  | 961.33     | 12.79   | ppb   |
| Terbium    | 159-1 |         |         |         | 100        |         | %     |
| Terbium    | 159-2 |         |         |         | 102        |         | %     |
| Thallium   | 203-1 | 48.91   | 48.43   | 50.48   | 49.27      | 2.17    | ppb   |
| Thallium   | 205-1 | 49.48   | 49.60   | 50.43   | 49.84      | 1.04    | ppb   |
| Thorium    | 232-1 | 47.42   | 47.33   | 48.07   | 47.61      | 0.85    | ppb   |
| Tin        | 118-1 | 51.75   | 52.19   | 52.02   | 51.99      | 0.43    | ppb   |
| Titanium   | 47-1  | 252.50  | 250.77  | 250.11  | 251.13     | 0.49    | ppb   |
| Uranium    | 238-1 | 48.76   | 47.91   | 48.78   | 48.48      | 1.02    | ppb   |
| Vanadium   | 51-2  | 50.61   | 50.83   | 50.86   | 50.76      | 0.27    | ppb   |
| Yttrium    | 89-1  |         |         |         | 101        |         | %     |
| Yttrium    | 89-2  |         |         |         | 102        |         | %     |
| Zinc       | 66-2  | 109.13  | 107.63  | 108.12  | 108.29     | 0.71    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S03                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 15:04:25 | DataFile Name :   | 006CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 50.39   | 49.77   | 49.50   | 49.89      | 0.92    | ppb   |
| Zirconium | 91-1 | 51.21   | 50.26   | 49.77   | 50.41      | 1.45    | ppb   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB97843             | Operator :        | Jaswal     |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S04                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-09-07 15:08:36 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 2461.68  | 2468.65  | 2416.21  | 2448.85    | 1.16    | ppb   |
| Antimony   | 121-1 | 128.91   | 130.21   | 127.03   | 128.72     | 1.24    | ppb   |
| Arsenic    | 75-2  | 128.60   | 128.30   | 128.33   | 128.41     | 0.13    | ppb   |
| Barium     | 135-1 | 636.89   | 641.21   | 630.02   | 636.04     | 0.89    | ppb   |
| Barium     | 137-1 | 642.71   | 643.45   | 632.09   | 639.42     | 0.99    | ppb   |
| Beryllium  | 9-1   | 130.39   | 131.29   | 131.13   | 130.94     | 0.36    | ppb   |
| Bismuth    | 209-1 |          |          |          | 99         |         | %     |
| Bismuth    | 209-2 |          |          |          | 99         |         | %     |
| Boron      | 10-1  | 126.59   | 133.87   | 126.65   | 129.04     | 3.24    | ppb   |
| Boron      | 11-1  | 126.23   | 129.65   | 129.28   | 128.39     | 1.46    | ppb   |
| Cadmium    | 111-1 | 134.99   | 137.39   | 135.60   | 135.99     | 0.92    | ppb   |
| Cadmium    | 106-1 | 132.11   | 133.79   | 133.60   | 133.17     | 0.69    | ppb   |
| Cadmium    | 108-1 | 132.92   | 137.66   | 133.80   | 134.79     | 1.87    | ppb   |
| Calcium    | 43-1  | 12486.37 | 12484.87 | 12590.75 | 12520.66   | 0.48    | ppb   |
| Calcium    | 44-1  | 12253.80 | 12362.15 | 12140.44 | 12252.13   | 0.90    | ppb   |
| Chromium   | 52-2  | 128.89   | 126.52   | 127.19   | 127.53     | 0.96    | ppb   |
| Cobalt     | 59-2  | 129.31   | 127.69   | 128.46   | 128.49     | 0.63    | ppb   |
| Copper     | 63-2  | 264.42   | 261.58   | 263.04   | 263.01     | 0.54    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 101        |         | %     |
| Holmium    | 165-2 |          |          |          | 102        |         | %     |
| Indium     | 115-1 |          |          |          | 99         |         | %     |
| Indium     | 115-2 |          |          |          | 102        |         | %     |
| Iron       | 56-2  | 6481.16  | 6375.72  | 6392.88  | 6416.59    | 0.88    | ppb   |
| Iron       | 57-2  | 6533.09  | 6438.18  | 6471.27  | 6480.85    | 0.74    | ppb   |
| Lead       | 206-1 | 124.44   | 125.34   | 125.49   | 125.09     | 0.45    | ppb   |
| Lead       | 207-1 | 124.29   | 126.91   | 126.33   | 125.84     | 1.09    | ppb   |
| Lead       | 208-1 | 124.37   | 125.46   | 125.09   | 124.97     | 0.44    | ppb   |
| Lithium    | 6-1   |          |          |          | 102        |         | %     |
| Magnesium  | 24-2  | 12873.50 | 12754.46 | 12746.75 | 12791.57   | 0.56    | ppb   |
| Manganese  | 55-2  | 254.73   | 253.37   | 256.31   | 254.80     | 0.58    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB97843             | Operator :        | Jaswal     |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S04                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-09-07 15:08:36 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 626.45   | 628.74   | 620.75   | 625.32     | 0.66    | ppb   |
| Molybdenum | 95-1  | 628.93   | 633.27   | 625.64   | 629.28     | 0.61    | ppb   |
| Molybdenum | 96-1  | 628.87   | 627.05   | 621.60   | 625.84     | 0.60    | ppb   |
| Molybdenum | 97-1  | 623.91   | 633.56   | 625.53   | 627.67     | 0.82    | ppb   |
| Molybdenum | 98-1  | 627.37   | 636.37   | 627.08   | 630.27     | 0.84    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 131.93   | 131.61   | 132.32   | 131.95     | 0.27    | ppb   |
| Phosphorus | 31-2  | 2568.97  | 2503.46  | 2636.87  | 2569.77    | 2.60    | ppb   |
| Potassium  | 39-2  | 6079.04  | 6037.96  | 6051.23  | 6056.08    | 0.35    | ppb   |
| Rhodium    | 103-1 |          |          |          | 99         |         | %     |
| Rhodium    | 103-2 |          |          |          | 100        |         | %     |
| Scandium   | 45-1  |          |          |          | 101        |         | %     |
| Scandium   | 45-2  |          |          |          | 101        |         | %     |
| Selenium   | 77-2  | 130.41   | 140.94   | 132.02   | 134.46     | 4.22    | ppb   |
| Selenium   | 78-2  | 132.92   | 130.12   | 132.30   | 131.78     | 1.12    | ppb   |
| Selenium   | 82-1  | 132.63   | 133.13   | 134.18   | 133.31     | 0.59    | ppb   |
| Silicon    | 28-1  | 146.75   | 148.01   | 146.07   | 146.94     | 0.67    | ppb   |
| Silver     | 109-1 | 132.90   | 133.94   | 132.50   | 133.11     | 0.56    | ppb   |
| Silver     | 107-1 | 133.29   | 134.10   | 131.98   | 133.12     | 0.80    | ppb   |
| Sodium     | 23-2  | 12625.89 | 12583.77 | 12623.02 | 12610.90   | 0.19    | ppb   |
| Strontium  | 86-1  | 127.13   | 129.35   | 127.15   | 127.88     | 1.00    | ppb   |
| Strontium  | 88-1  | 125.84   | 126.82   | 125.82   | 126.16     | 0.45    | ppb   |
| Sulfur     | 34-1  | 2574.46  | 2598.94  | 2551.89  | 2575.10    | 0.91    | ppb   |
| Terbium    | 159-1 |          |          |          | 100        |         | %     |
| Terbium    | 159-2 |          |          |          | 102        |         | %     |
| Thallium   | 203-1 | 122.77   | 124.60   | 124.07   | 123.81     | 0.76    | ppb   |
| Thallium   | 205-1 | 123.01   | 123.62   | 124.07   | 123.57     | 0.43    | ppb   |
| Thorium    | 232-1 | 118.78   | 120.44   | 119.52   | 119.58     | 0.70    | ppb   |
| Tin        | 118-1 | 130.37   | 129.99   | 126.81   | 129.06     | 1.52    | ppb   |
| Titanium   | 47-1  | 633.74   | 637.20   | 625.32   | 632.09     | 0.97    | ppb   |
| Uranium    | 238-1 | 119.66   | 121.17   | 120.70   | 120.51     | 0.64    | ppb   |
| Vanadium   | 51-2  | 128.39   | 125.62   | 127.04   | 127.01     | 1.09    | ppb   |
| Yttrium    | 89-1  |          |          |          | 100        |         | %     |
| Yttrium    | 89-2  |          |          |          | 101        |         | %     |
| Zinc       | 66-2  | 267.04   | 266.43   | 266.33   | 266.60     | 0.14    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S04                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 15:08:36 | DataFile Name :   | 007CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 124.69  | 125.82  | 124.29  | 124.93     | 0.63    | ppb   |
| Zirconium | 91-1 | 127.27  | 128.84  | 125.99  | 127.36     | 1.12    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB97843             | Operator :        | Jaswal     |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S05                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-09-07 15:12:25 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 4896.26  | 4873.69  | 4855.34  | 4875.10    | 0.42    | ppb   |
| Antimony   | 121-1 | 248.96   | 251.34   | 250.82   | 250.37     | 0.50    | ppb   |
| Arsenic    | 75-2  | 255.18   | 254.16   | 254.57   | 254.64     | 0.20    | ppb   |
| Barium     | 135-1 | 1255.73  | 1265.15  | 1251.29  | 1257.39    | 0.56    | ppb   |
| Barium     | 137-1 | 1256.45  | 1272.97  | 1257.63  | 1262.35    | 0.73    | ppb   |
| Beryllium  | 9-1   | 255.17   | 257.47   | 256.90   | 256.51     | 0.47    | ppb   |
| Bismuth    | 209-1 |          |          |          | 97         |         | %     |
| Bismuth    | 209-2 |          |          |          | 97         |         | %     |
| Boron      | 10-1  | 244.66   | 245.48   | 251.08   | 247.07     | 1.41    | ppb   |
| Boron      | 11-1  | 247.54   | 255.68   | 254.33   | 252.52     | 1.73    | ppb   |
| Cadmium    | 111-1 | 260.95   | 267.41   | 264.36   | 264.24     | 1.22    | ppb   |
| Cadmium    | 106-1 | 258.83   | 264.31   | 256.91   | 260.02     | 1.48    | ppb   |
| Cadmium    | 108-1 | 259.11   | 256.39   | 263.94   | 259.81     | 1.47    | ppb   |
| Calcium    | 43-1  | 24517.36 | 24606.56 | 24973.62 | 24699.18   | 0.98    | ppb   |
| Calcium    | 44-1  | 24351.79 | 24310.78 | 24596.59 | 24419.72   | 0.63    | ppb   |
| Chromium   | 52-2  | 254.39   | 253.46   | 250.23   | 252.69     | 0.86    | ppb   |
| Cobalt     | 59-2  | 256.22   | 254.22   | 251.04   | 253.83     | 1.03    | ppb   |
| Copper     | 63-2  | 520.31   | 514.98   | 511.42   | 515.57     | 0.87    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 100        |         | %     |
| Holmium    | 165-2 |          |          |          | 101        |         | %     |
| Indium     | 115-1 |          |          |          | 97         |         | %     |
| Indium     | 115-2 |          |          |          | 99         |         | %     |
| Iron       | 56-2  | 12950.08 | 12851.44 | 12614.42 | 12805.32   | 1.35    | ppb   |
| Iron       | 57-2  | 13022.10 | 12926.50 | 12666.84 | 12871.81   | 1.43    | ppb   |
| Lead       | 206-1 | 241.70   | 246.81   | 246.61   | 245.04     | 1.18    | ppb   |
| Lead       | 207-1 | 244.30   | 249.39   | 250.85   | 248.18     | 1.39    | ppb   |
| Lead       | 208-1 | 244.64   | 247.31   | 248.08   | 246.68     | 0.73    | ppb   |
| Lithium    | 6-1   |          |          |          | 100        |         | %     |
| Magnesium  | 24-2  | 25651.07 | 25362.05 | 25093.44 | 25368.86   | 1.10    | ppb   |
| Manganese  | 55-2  | 509.39   | 507.72   | 499.71   | 505.61     | 1.02    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB97843             | Operator :        | Jaswal     |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S05                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-09-07 15:12:25 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1241.43  | 1245.51  | 1241.84  | 1242.93    | 0.18    | ppb   |
| Molybdenum | 95-1  | 1241.02  | 1246.86  | 1236.21  | 1241.36    | 0.43    | ppb   |
| Molybdenum | 96-1  | 1243.43  | 1252.34  | 1233.93  | 1243.23    | 0.74    | ppb   |
| Molybdenum | 97-1  | 1242.96  | 1255.42  | 1245.49  | 1247.96    | 0.53    | ppb   |
| Molybdenum | 98-1  | 1246.34  | 1252.03  | 1248.59  | 1248.99    | 0.23    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 262.09   | 260.41   | 256.18   | 259.56     | 1.17    | ppb   |
| Phosphorus | 31-2  | 5212.47  | 4981.42  | 5063.71  | 5085.87    | 2.30    | ppb   |
| Potassium  | 39-2  | 12111.91 | 11926.40 | 11995.64 | 12011.32   | 0.78    | ppb   |
| Rhodium    | 103-1 |          |          |          | 95         |         | %     |
| Rhodium    | 103-2 |          |          |          | 97         |         | %     |
| Scandium   | 45-1  |          |          |          | 98         |         | %     |
| Scandium   | 45-2  |          |          |          | 98         |         | %     |
| Selenium   | 77-2  | 258.14   | 270.48   | 264.08   | 264.23     | 2.34    | ppb   |
| Selenium   | 78-2  | 255.28   | 265.02   | 250.51   | 256.94     | 2.88    | ppb   |
| Selenium   | 82-1  | 258.85   | 260.94   | 259.84   | 259.88     | 0.40    | ppb   |
| Silicon    | 28-1  | 282.74   | 287.00   | 285.21   | 284.98     | 0.75    | ppb   |
| Silver     | 109-1 | 257.20   | 262.03   | 259.61   | 259.61     | 0.93    | ppb   |
| Silver     | 107-1 | 257.61   | 261.06   | 258.47   | 259.05     | 0.69    | ppb   |
| Sodium     | 23-2  | 25373.84 | 25112.01 | 24826.10 | 25103.98   | 1.09    | ppb   |
| Strontium  | 86-1  | 254.41   | 253.82   | 251.05   | 253.09     | 0.71    | ppb   |
| Strontium  | 88-1  | 249.68   | 252.95   | 249.17   | 250.60     | 0.82    | ppb   |
| Sulfur     | 34-1  | 5079.90  | 5142.80  | 5018.62  | 5080.44    | 1.22    | ppb   |
| Terbium    | 159-1 |          |          |          | 99         |         | %     |
| Terbium    | 159-2 |          |          |          | 101        |         | %     |
| Thallium   | 203-1 | 241.45   | 244.49   | 246.03   | 243.99     | 0.95    | ppb   |
| Thallium   | 205-1 | 243.11   | 249.84   | 248.74   | 247.23     | 1.46    | ppb   |
| Thorium    | 232-1 | 239.97   | 244.04   | 244.34   | 242.78     | 1.00    | ppb   |
| Tin        | 118-1 | 249.22   | 251.20   | 249.11   | 249.84     | 0.47    | ppb   |
| Titanium   | 47-1  | 1242.57  | 1252.02  | 1250.53  | 1248.37    | 0.41    | ppb   |
| Uranium    | 238-1 | 239.23   | 243.28   | 244.45   | 242.32     | 1.13    | ppb   |
| Vanadium   | 51-2  | 254.96   | 251.75   | 250.33   | 252.34     | 0.94    | ppb   |
| Yttrium    | 89-1  |          |          |          | 99         |         | %     |
| Yttrium    | 89-2  |          |          |          | 99         |         | %     |
| Zinc       | 66-2  | 526.95   | 526.00   | 522.34   | 525.10     | 0.46    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S05                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 15:12:25 | DataFile Name :   | 008CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 247.68  | 248.95  | 249.78  | 248.80     | 0.42    | ppb   |
| Zirconium | 91-1 | 247.54  | 248.99  | 251.07  | 249.20     | 0.71    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB97843             | Operator :        | Jaswal     |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S06                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-09-07 15:16:12 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9735.05  | 9617.27  | 9664.53  | 9672.28    | 0.61    | ppb   |
| Antimony   | 121-1 | 505.34   | 499.38   | 502.38   | 502.37     | 0.59    | ppb   |
| Arsenic    | 75-2  | 503.04   | 501.96   | 501.36   | 502.12     | 0.17    | ppb   |
| Barium     | 135-1 | 2517.65  | 2484.96  | 2495.51  | 2499.37    | 0.67    | ppb   |
| Barium     | 137-1 | 2519.10  | 2504.33  | 2504.75  | 2509.39    | 0.34    | ppb   |
| Beryllium  | 9-1   | 504.54   | 504.70   | 506.60   | 505.28     | 0.23    | ppb   |
| Bismuth    | 209-1 |          |          |          | 97         |         | %     |
| Bismuth    | 209-2 |          |          |          | 96         |         | %     |
| Boron      | 10-1  | 488.89   | 498.29   | 511.55   | 499.58     | 2.28    | ppb   |
| Boron      | 11-1  | 492.72   | 495.49   | 506.94   | 498.38     | 1.51    | ppb   |
| Cadmium    | 111-1 | 513.75   | 513.49   | 513.19   | 513.48     | 0.05    | ppb   |
| Cadmium    | 106-1 | 514.93   | 504.85   | 506.84   | 508.87     | 1.05    | ppb   |
| Cadmium    | 108-1 | 505.56   | 504.33   | 505.28   | 505.06     | 0.13    | ppb   |
| Calcium    | 43-1  | 48635.95 | 49595.08 | 49039.63 | 49090.22   | 0.98    | ppb   |
| Calcium    | 44-1  | 48424.76 | 48821.48 | 48836.51 | 48694.25   | 0.48    | ppb   |
| Chromium   | 52-2  | 498.33   | 497.71   | 499.91   | 498.65     | 0.23    | ppb   |
| Cobalt     | 59-2  | 498.40   | 496.60   | 500.46   | 498.49     | 0.39    | ppb   |
| Copper     | 63-2  | 1017.21  | 1001.14  | 1012.03  | 1010.13    | 0.81    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 101        |         | %     |
| Holmium    | 165-2 |          |          |          | 101        |         | %     |
| Indium     | 115-1 |          |          |          | 96         |         | %     |
| Indium     | 115-2 |          |          |          | 99         |         | %     |
| Iron       | 56-2  | 25428.09 | 25283.07 | 25248.88 | 25320.02   | 0.38    | ppb   |
| Iron       | 57-2  | 25490.30 | 25345.20 | 25479.60 | 25438.37   | 0.32    | ppb   |
| Lead       | 206-1 | 494.03   | 497.40   | 495.28   | 495.57     | 0.34    | ppb   |
| Lead       | 207-1 | 497.77   | 494.94   | 499.20   | 497.30     | 0.44    | ppb   |
| Lead       | 208-1 | 496.47   | 495.91   | 497.60   | 496.66     | 0.17    | ppb   |
| Lithium    | 6-1   |          |          |          | 98         |         | %     |
| Magnesium  | 24-2  | 50464.40 | 50082.81 | 50533.39 | 50360.20   | 0.48    | ppb   |
| Manganese  | 55-2  | 1005.30  | 996.83   | 999.46   | 1000.53    | 0.43    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB97843             | Operator :        | Jaswal     |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S06                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-09-07 15:16:12 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 2498.77  | 2513.92  | 2499.51  | 2504.07    | 0.34    | ppb   |
| Molybdenum | 95-1  | 2504.70  | 2503.28  | 2494.41  | 2500.80    | 0.22    | ppb   |
| Molybdenum | 96-1  | 2485.37  | 2499.28  | 2475.43  | 2486.69    | 0.48    | ppb   |
| Molybdenum | 97-1  | 2495.83  | 2504.62  | 2510.52  | 2503.66    | 0.30    | ppb   |
| Molybdenum | 98-1  | 2495.26  | 2512.35  | 2494.17  | 2500.59    | 0.41    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 507.90   | 503.69   | 511.26   | 507.61     | 0.75    | ppb   |
| Phosphorus | 31-2  | 10045.55 | 9899.36  | 10114.01 | 10019.64   | 1.09    | ppb   |
| Potassium  | 39-2  | 24024.10 | 24006.40 | 24145.56 | 24058.69   | 0.31    | ppb   |
| Rhodium    | 103-1 |          |          |          | 94         |         | %     |
| Rhodium    | 103-2 |          |          |          | 96         |         | %     |
| Scandium   | 45-1  |          |          |          | 97         |         | %     |
| Scandium   | 45-2  |          |          |          | 98         |         | %     |
| Selenium   | 77-2  | 488.46   | 524.38   | 535.12   | 515.99     | 4.74    | ppb   |
| Selenium   | 78-2  | 518.21   | 503.33   | 505.55   | 509.03     | 1.58    | ppb   |
| Selenium   | 82-1  | 507.17   | 509.38   | 514.57   | 510.37     | 0.74    | ppb   |
| Silicon    | 28-1  | 500.54   | 510.83   | 510.37   | 507.25     | 1.15    | ppb   |
| Silver     | 109-1 | 511.68   | 504.26   | 507.14   | 507.69     | 0.74    | ppb   |
| Silver     | 107-1 | 511.26   | 504.54   | 504.27   | 506.69     | 0.78    | ppb   |
| Sodium     | 23-2  | 50019.51 | 49890.17 | 50225.10 | 50044.93   | 0.34    | ppb   |
| Strontium  | 86-1  | 503.34   | 506.02   | 499.10   | 502.82     | 0.69    | ppb   |
| Strontium  | 88-1  | 504.66   | 502.07   | 497.95   | 501.56     | 0.67    | ppb   |
| Sulfur     | 34-1  | 9768.24  | 10014.90 | 10038.64 | 9940.59    | 1.51    | ppb   |
| Terbium    | 159-1 |          |          |          | 100        |         | %     |
| Terbium    | 159-2 |          |          |          | 102        |         | %     |
| Thallium   | 203-1 | 499.38   | 498.11   | 494.64   | 497.38     | 0.49    | ppb   |
| Thallium   | 205-1 | 497.72   | 494.50   | 498.36   | 496.86     | 0.42    | ppb   |
| Thorium    | 232-1 | 497.16   | 492.92   | 493.48   | 494.52     | 0.47    | ppb   |
| Tin        | 118-1 | 503.48   | 500.16   | 500.50   | 501.38     | 0.36    | ppb   |
| Titanium   | 47-1  | 2492.46  | 2528.41  | 2519.79  | 2513.55    | 0.75    | ppb   |
| Uranium    | 238-1 | 495.95   | 496.92   | 494.36   | 495.74     | 0.26    | ppb   |
| Vanadium   | 51-2  | 500.09   | 497.56   | 502.19   | 499.95     | 0.46    | ppb   |
| Yttrium    | 89-1  |          |          |          | 98         |         | %     |
| Yttrium    | 89-2  |          |          |          | 99         |         | %     |
| Zinc       | 66-2  | 1033.31  | 1024.70  | 1035.38  | 1031.13    | 0.55    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S06                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 15:16:12 | DataFile Name :   | 009CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 502.26  | 502.74  | 501.47  | 502.16     | 0.13    | ppb   |
| Zirconium | 91-1 | 497.86  | 501.46  | 499.93  | 499.75     | 0.36    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB97843             | Operator :        | Jaswal     |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S07                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-09-07 15:19:57 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 19280.97  | 19232.32  | 19021.46  | 19178.25   | 0.72    | ppb   |
| Antimony   | 121-1 | 999.77    | 997.48    | 997.31    | 998.19     | 0.14    | ppb   |
| Arsenic    | 75-2  | 998.95    | 996.29    | 996.76    | 997.33     | 0.14    | ppb   |
| Barium     | 135-1 | 5005.22   | 4987.45   | 4997.70   | 4996.79    | 0.18    | ppb   |
| Barium     | 137-1 | 4976.44   | 4982.04   | 5011.64   | 4990.04    | 0.38    | ppb   |
| Beryllium  | 9-1   | 1001.99   | 994.22    | 988.39    | 994.87     | 0.69    | ppb   |
| Bismuth    | 209-1 |           |           |           | 96         |         | %     |
| Bismuth    | 209-2 |           |           |           | 95         |         | %     |
| Boron      | 10-1  | 985.21    | 1004.38   | 1011.80   | 1000.46    | 1.37    | ppb   |
| Boron      | 11-1  | 988.31    | 1007.81   | 1003.27   | 999.80     | 1.02    | ppb   |
| Cadmium    | 111-1 | 989.28    | 990.17    | 984.75    | 988.06     | 0.29    | ppb   |
| Cadmium    | 106-1 | 999.71    | 986.09    | 989.67    | 991.82     | 0.71    | ppb   |
| Cadmium    | 108-1 | 981.18    | 998.02    | 1001.67   | 993.63     | 1.10    | ppb   |
| Calcium    | 43-1  | 96468.77  | 96761.65  | 97671.94  | 96967.45   | 0.65    | ppb   |
| Calcium    | 44-1  | 97144.25  | 97049.80  | 98263.59  | 97485.88   | 0.69    | ppb   |
| Chromium   | 52-2  | 1003.82   | 994.89    | 1000.20   | 999.63     | 0.45    | ppb   |
| Cobalt     | 59-2  | 1008.79   | 993.15    | 995.89    | 999.28     | 0.84    | ppb   |
| Copper     | 63-2  | 1994.67   | 1987.17   | 1985.49   | 1989.11    | 0.25    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 102        |         | %     |
| Holmium    | 165-2 |           |           |           | 102        |         | %     |
| Indium     | 115-1 |           |           |           | 97         |         | %     |
| Indium     | 115-2 |           |           |           | 99         |         | %     |
| Iron       | 56-2  | 51230.79  | 50637.77  | 50756.07  | 50874.88   | 0.62    | ppb   |
| Iron       | 57-2  | 51529.60  | 50569.99  | 50579.76  | 50893.12   | 1.08    | ppb   |
| Lead       | 206-1 | 1001.20   | 998.55    | 1010.53   | 1003.42    | 0.63    | ppb   |
| Lead       | 207-1 | 1002.12   | 991.16    | 1011.74   | 1001.68    | 1.03    | ppb   |
| Lead       | 208-1 | 1004.30   | 994.69    | 1008.49   | 1002.49    | 0.71    | ppb   |
| Lithium    | 6-1   |           |           |           | 98         |         | %     |
| Magnesium  | 24-2  | 101259.59 | 100933.93 | 100352.63 | 100848.71  | 0.46    | ppb   |
| Manganese  | 55-2  | 2001.98   | 1989.57   | 2001.34   | 1997.63    | 0.35    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB97843             | Operator :        | Jaswal     |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S07                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-09-07 15:19:57 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 4993.48   | 4985.78   | 5019.76   | 4999.67    | 0.36    | ppb   |
| Molybdenum | 95-1  | 4974.26   | 5013.43   | 5015.96   | 5001.22    | 0.47    | ppb   |
| Molybdenum | 96-1  | 4995.26   | 5003.26   | 5026.16   | 5008.23    | 0.32    | ppb   |
| Molybdenum | 97-1  | 4972.27   | 4985.15   | 5037.82   | 4998.41    | 0.69    | ppb   |
| Molybdenum | 98-1  | 5003.27   | 4972.99   | 5021.56   | 4999.27    | 0.49    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 986.89    | 991.50    | 999.96    | 992.78     | 0.67    | ppb   |
| Phosphorus | 31-2  | 20167.77  | 19608.11  | 20098.15  | 19958.01   | 1.53    | ppb   |
| Potassium  | 39-2  | 48344.98  | 48254.51  | 48216.19  | 48271.89   | 0.14    | ppb   |
| Rhodium    | 103-1 |           |           |           | 93         |         | %     |
| Rhodium    | 103-2 |           |           |           | 95         |         | %     |
| Scandium   | 45-1  |           |           |           | 99         |         | %     |
| Scandium   | 45-2  |           |           |           | 99         |         | %     |
| Selenium   | 77-2  | 968.03    | 990.24    | 1003.17   | 987.15     | 1.80    | ppb   |
| Selenium   | 78-2  | 1008.38   | 982.85    | 987.36    | 992.86     | 1.37    | ppb   |
| Selenium   | 82-1  | 987.19    | 986.54    | 999.67    | 991.13     | 0.75    | ppb   |
| Silicon    | 28-1  | 986.62    | 976.12    | 990.32    | 984.35     | 0.75    | ppb   |
| Silver     | 109-1 | 983.79    | 997.23    | 996.58    | 992.53     | 0.76    | ppb   |
| Silver     | 107-1 | 987.23    | 991.87    | 1000.45   | 993.18     | 0.68    | ppb   |
| Sodium     | 23-2  | 100179.51 | 100184.16 | 100075.67 | 100146.44  | 0.06    | ppb   |
| Strontium  | 86-1  | 998.40    | 998.43    | 995.38    | 997.40     | 0.18    | ppb   |
| Strontium  | 88-1  | 998.27    | 1001.14   | 997.23    | 998.88     | 0.20    | ppb   |
| Sulfur     | 34-1  | 19998.14  | 19856.15  | 20152.13  | 20002.14   | 0.74    | ppb   |
| Terbium    | 159-1 |           |           |           | 101        |         | %     |
| Terbium    | 159-2 |           |           |           | 102        |         | %     |
| Thallium   | 203-1 | 998.92    | 1001.53   | 1008.54   | 1003.00    | 0.50    | ppb   |
| Thallium   | 205-1 | 997.64    | 1001.89   | 1007.82   | 1002.45    | 0.51    | ppb   |
| Thorium    | 232-1 | 1001.95   | 1009.69   | 1004.38   | 1005.34    | 0.39    | ppb   |
| Tin        | 118-1 | 1000.61   | 998.45    | 997.16    | 998.74     | 0.17    | ppb   |
| Titanium   | 47-1  | 4947.32   | 4983.97   | 5046.77   | 4992.69    | 1.01    | ppb   |
| Uranium    | 238-1 | 1003.06   | 1004.87   | 1006.13   | 1004.69    | 0.15    | ppb   |
| Vanadium   | 51-2  | 999.97    | 995.71    | 1001.77   | 999.15     | 0.31    | ppb   |
| Yttrium    | 89-1  |           |           |           | 99         |         | %     |
| Yttrium    | 89-2  |           |           |           | 100        |         | %     |
| Zinc       | 66-2  | 1974.87   | 1974.09   | 1978.06   | 1975.67    | 0.11    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S07                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 15:19:57 | DataFile Name :   | 010CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 999.79  | 997.17  | 1000.74 | 999.24     | 0.19    | ppb   |
| Zirconium | 91-1 | 1003.18 | 992.37  | 1004.47 | 1000.01    | 0.66    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB97843             | Operator :        | Jaswal     |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S08                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-09-07 15:23:42 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 100322.75 | 101024.89 | 99266.60  | 100204.74  | 0.88    | ppb   |
| Antimony   | 121-1 | 1.59      | 1.63      | 1.64      | 1.62       | 1.86    | ppb   |
| Arsenic    | 75-2  | 1.63      | 1.40      | 1.36      | 1.46       | 9.99    | ppb   |
| Barium     | 135-1 | 0.77      | 0.94      | 0.66      | 0.79       | 17.92   | ppb   |
| Barium     | 137-1 | 0.74      | 0.85      | 0.79      | 0.79       | 7.43    | ppb   |
| Beryllium  | 9-1   | 0.16      | 0.17      | 0.16      | 0.16       | 1.57    | ppb   |
| Bismuth    | 209-1 |           |           |           | 84         |         | %     |
| Bismuth    | 209-2 |           |           |           | 85         |         | %     |
| Boron      | 10-1  | 48.38     | 43.79     | 41.15     | 44.44      | 8.24    | ppb   |
| Boron      | 11-1  | 49.14     | 43.36     | 39.42     | 43.97      | 11.11   | ppb   |
| Cadmium    | 111-1 | 0.21      | 0.19      | 0.21      | 0.20       | 6.12    | ppb   |
| Cadmium    | 106-1 | 0.35      | 0.30      | 0.34      | 0.33       | 7.59    | ppb   |
| Cadmium    | 108-1 | 0.31      | 0.28      | 0.16      | 0.25       | 32.46   | ppb   |
| Calcium    | 43-1  | 504176.40 | 501949.13 | 496012.73 | 500712.76  | 0.84    | ppb   |
| Calcium    | 44-1  | 504642.97 | 499807.69 | 497557.36 | 500669.34  | 0.72    | ppb   |
| Chromium   | 52-2  | 32.62     | 32.30     | 31.52     | 32.15      | 1.75    | ppb   |
| Cobalt     | 59-2  | 12.02     | 12.23     | 11.85     | 12.03      | 1.60    | ppb   |
| Copper     | 63-2  | 4.41      | 4.40      | 4.20      | 4.33       | 2.75    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 97         |         | %     |
| Holmium    | 165-2 |           |           |           | 99         |         | %     |
| Indium     | 115-1 |           |           |           | 91         |         | %     |
| Indium     | 115-2 |           |           |           | 94         |         | %     |
| Iron       | 56-2  | 249947.34 | 251409.30 | 247962.69 | 249773.11  | 0.69    | ppb   |
| Iron       | 57-2  | 250871.47 | 250725.35 | 247660.43 | 249752.41  | 0.73    | ppb   |
| Lead       | 206-1 | 1.74      | 1.72      | 1.76      | 1.74       | 1.16    | ppb   |
| Lead       | 207-1 | 1.55      | 1.62      | 1.68      | 1.61       | 3.88    | ppb   |
| Lead       | 208-1 | 1.64      | 1.66      | 1.71      | 1.67       | 2.30    | ppb   |
| Lithium    | 6-1   |           |           |           | 95         |         | %     |
| Magnesium  | 24-2  | 500714.38 | 502905.73 | 495683.48 | 499767.86  | 0.74    | ppb   |
| Manganese  | 55-2  | 8.93      | 8.73      | 8.73      | 8.79       | 1.32    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB97843             | Operator :        | Jaswal     |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S08                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-09-07 15:23:42 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 6.57      | 6.10      | 6.00      | 6.22       | 4.94    | ppb   |
| Molybdenum | 95-1  | 8.95      | 8.21      | 7.86      | 8.34       | 6.68    | ppb   |
| Molybdenum | 96-1  | 9.88      | 9.43      | 9.12      | 9.48       | 4.03    | ppb   |
| Molybdenum | 97-1  | 8.71      | 8.06      | 7.83      | 8.20       | 5.56    | ppb   |
| Molybdenum | 98-1  | 8.67      | 8.13      | 7.96      | 8.26       | 4.51    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 27.60     | 28.05     | 27.68     | 27.78      | 0.87    | ppb   |
| Phosphorus | 31-2  | 32.55     | 4.75      | 5.92      | 14.41      | 109.14  | ppb   |
| Potassium  | 39-2  | 251023.54 | 252426.90 | 247959.55 | 250470.00  | 0.91    | ppb   |
| Rhodium    | 103-1 |           |           |           | 85         |         | %     |
| Rhodium    | 103-2 |           |           |           | 87         |         | %     |
| Scandium   | 45-1  |           |           |           | 97         |         | %     |
| Scandium   | 45-2  |           |           |           | 97         |         | %     |
| Selenium   | 77-2  | 0.00      | 0.00      | 0.00      | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.18      | -0.12     | -0.17     | -0.04      |         | ppb   |
| Selenium   | 82-1  | 0.44      | 0.68      | 0.41      | 0.51       | 28.69   | ppb   |
| Silicon    | 28-1  | 39.18     | 36.96     | 37.29     | 37.81      | 3.17    | ppb   |
| Silver     | 109-1 | 0.08      | 0.08      | 0.08      | 0.08       | 0.20    | ppb   |
| Silver     | 107-1 | 0.10      | 0.09      | 0.08      | 0.09       | 7.39    | ppb   |
| Sodium     | 23-2  | 502753.27 | 501415.52 | 495705.68 | 499958.15  | 0.75    | ppb   |
| Strontium  | 86-1  | 4.83      | 4.88      | 4.91      | 4.87       | 0.83    | ppb   |
| Strontium  | 88-1  | 4.89      | 4.76      | 4.80      | 4.82       | 1.44    | ppb   |
| Sulfur     | 34-1  | -794.98   | -764.78   | -804.75   | -788.17    |         | ppb   |
| Terbium    | 159-1 |           |           |           | 96         |         | %     |
| Terbium    | 159-2 |           |           |           | 98         |         | %     |
| Thallium   | 203-1 | 0.56      | 0.54      | 0.54      | 0.55       | 2.32    | ppb   |
| Thallium   | 205-1 | 0.56      | 0.57      | 0.53      | 0.55       | 4.24    | ppb   |
| Thorium    | 232-1 | 0.72      | 0.63      | 0.59      | 0.65       | 10.79   | ppb   |
| Tin        | 118-1 | 0.81      | 0.79      | 0.82      | 0.81       | 2.23    | ppb   |
| Titanium   | 47-1  | 1.01      | 0.91      | 1.08      | 1.00       | 8.44    | ppb   |
| Uranium    | 238-1 | 0.21      | 0.17      | 0.19      | 0.19       | 9.94    | ppb   |
| Vanadium   | 51-2  | 0.39      | 0.42      | 0.41      | 0.40       | 3.94    | ppb   |
| Yttrium    | 89-1  |           |           |           | 96         |         | %     |
| Yttrium    | 89-2  |           |           |           | 99         |         | %     |
| Zinc       | 66-2  | 9.20      | 9.61      | 8.94      | 9.25       | 3.62    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S08                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 15:23:42 | DataFile Name :   | 011CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.20    | 0.18    | 0.16    | 0.18       | 10.30   | ppb   |
| Zirconium | 91-1 | 0.19    | 0.13    | 0.16    | 0.16       | 19.73   | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB97843             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P7       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-09-07 15:56:15 | DataFile Name :   | 013ICV.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 493.57  | 477.92  | 486.78  | 486.09     | 1.61    | ppb   |
| Antimony   | 121-1 | 191.40  | 190.81  | 187.78  | 190.00     | 1.02    | ppb   |
| Arsenic    | 75-2  | 195.18  | 194.35  | 192.60  | 194.04     | 0.68    | ppb   |
| Barium     | 135-1 | 99.34   | 97.97   | 97.07   | 98.13      | 1.17    | ppb   |
| Barium     | 137-1 | 99.57   | 99.02   | 98.78   | 99.12      | 0.41    | ppb   |
| Beryllium  | 9-1   | 98.30   | 96.97   | 97.46   | 97.58      | 0.69    | ppb   |
| Bismuth    | 209-1 |         |         |         | 103        |         | %     |
| Bismuth    | 209-2 |         |         |         | 104        |         | %     |
| Boron      | 10-1  | 491.41  | 514.15  | 522.12  | 509.23     | 3.13    | ppb   |
| Boron      | 11-1  | 497.37  | 510.02  | 520.84  | 509.41     | 2.31    | ppb   |
| Cadmium    | 111-1 | 108.36  | 107.86  | 105.77  | 107.33     | 1.28    | ppb   |
| Cadmium    | 106-1 | 169.98  | 170.77  | 168.17  | 169.64     | 0.79    | ppb   |
| Cadmium    | 108-1 | 141.87  | 140.98  | 137.75  | 140.20     | 1.54    | ppb   |
| Calcium    | 43-1  | 2150.56 | 2145.47 | 2138.27 | 2144.77    | 0.29    | ppb   |
| Calcium    | 44-1  | 2026.77 | 2029.22 | 2013.45 | 2023.15    | 0.42    | ppb   |
| Chromium   | 52-2  | 94.34   | 93.89   | 93.29   | 93.84      | 0.56    | ppb   |
| Cobalt     | 59-2  | 96.48   | 97.40   | 96.30   | 96.73      | 0.61    | ppb   |
| Copper     | 63-2  | 99.72   | 100.27  | 98.79   | 99.60      | 0.75    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 105        |         | %     |
| Holmium    | 165-2 |         |         |         | 106        |         | %     |
| Indium     | 115-1 |         |         |         | 104        |         | %     |
| Indium     | 115-2 |         |         |         | 107        |         | %     |
| Iron       | 56-2  | 951.40  | 958.22  | 949.94  | 953.18     | 0.46    | ppb   |
| Iron       | 57-2  | 979.30  | 983.24  | 976.86  | 979.80     | 0.33    | ppb   |
| Lead       | 206-1 | 189.01  | 190.93  | 190.78  | 190.24     | 0.56    | ppb   |
| Lead       | 207-1 | 183.62  | 185.76  | 185.11  | 184.83     | 0.59    | ppb   |
| Lead       | 208-1 | 187.21  | 187.90  | 188.15  | 187.76     | 0.26    | ppb   |
| Lithium    | 6-1   |         |         |         | 108        |         | %     |
| Magnesium  | 24-2  | 1155.56 | 1157.48 | 1155.73 | 1156.26    | 0.09    | ppb   |
| Manganese  | 55-2  | 94.16   | 94.20   | 92.99   | 93.78      | 0.74    | ppb   |



|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB97843             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P7       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-09-07 15:56:15 | DataFile Name :   | 013ICV.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 1085.65 | 1080.22 | 1076.30 | 1080.72    | 0.43    | ppb   |
| Molybdenum | 95-1  | 545.12  | 544.40  | 537.96  | 542.49     | 0.73    | ppb   |
| Molybdenum | 96-1  | 609.92  | 604.50  | 602.07  | 605.50     | 0.66    | ppb   |
| Molybdenum | 97-1  | 538.85  | 535.86  | 533.45  | 536.05     | 0.51    | ppb   |
| Molybdenum | 98-1  | 545.66  | 541.10  | 537.11  | 541.29     | 0.79    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 99.31   | 100.41  | 99.66   | 99.80      | 0.56    | ppb   |
| Phosphorus | 31-2  | -6.34   | -7.53   | 2.59    | -3.76      |         | ppb   |
| Potassium  | 39-2  | 1865.36 | 1852.92 | 1839.91 | 1852.73    | 0.69    | ppb   |
| Rhodium    | 103-1 |         |         |         | 105        |         | %     |
| Rhodium    | 103-2 |         |         |         | 106        |         | %     |
| Scandium   | 45-1  |         |         |         | 108        |         | %     |
| Scandium   | 45-2  |         |         |         | 108        |         | %     |
| Selenium   | 77-2  | 210.04  | 220.07  | 191.19  | 207.10     | 7.08    | ppb   |
| Selenium   | 78-2  | 203.54  | 195.46  | 191.69  | 196.90     | 3.07    | ppb   |
| Selenium   | 82-1  | 203.34  | 202.68  | 199.13  | 201.72     | 1.12    | ppb   |
| Silicon    | 28-1  | 9.03    | 10.46   | 11.31   | 10.27      | 11.20   | ppb   |
| Silver     | 109-1 | 100.34  | 99.22   | 97.73   | 99.09      | 1.32    | ppb   |
| Silver     | 107-1 | 99.60   | 98.56   | 97.85   | 98.67      | 0.89    | ppb   |
| Sodium     | 23-2  | 1876.80 | 1908.87 | 1875.59 | 1887.09    | 1.00    | ppb   |
| Strontium  | 86-1  | 466.84  | 466.64  | 463.73  | 465.74     | 0.37    | ppb   |
| Strontium  | 88-1  | 467.56  | 465.85  | 463.73  | 465.71     | 0.41    | ppb   |
| Sulfur     | 34-1  | -720.32 | -664.50 | -769.66 | -718.16    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 104        |         | %     |
| Terbium    | 159-2 |         |         |         | 106        |         | %     |
| Thallium   | 203-1 | 188.90  | 189.03  | 189.98  | 189.31     | 0.31    | ppb   |
| Thallium   | 205-1 | 192.34  | 192.46  | 190.57  | 191.79     | 0.55    | ppb   |
| Thorium    | 232-1 | 503.16  | 505.59  | 499.61  | 502.79     | 0.60    | ppb   |
| Tin        | 118-1 | 487.98  | 480.00  | 470.98  | 479.66     | 1.77    | ppb   |
| Titanium   | 47-1  | 463.77  | 466.82  | 464.00  | 464.86     | 0.37    | ppb   |
| Uranium    | 238-1 | 448.17  | 450.14  | 448.86  | 449.05     | 0.22    | ppb   |
| Vanadium   | 51-2  | 93.64   | 95.21   | 94.05   | 94.30      | 0.86    | ppb   |
| Yttrium    | 89-1  |         |         |         | 106        |         | %     |
| Yttrium    | 89-2  |         |         |         | 108        |         | %     |
| Zinc       | 66-2  | 201.42  | 202.25  | 197.99  | 200.55     | 1.13    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB97843             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P7       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-09-07 15:56:15 | DataFile Name :   | 013ICV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 462.41  | 462.33  | 461.09  | 461.94     | 0.16    | ppb   |
| Zirconium | 91-1 | 462.90  | 459.64  | 456.91  | 459.82     | 0.65    | ppb   |

LB Number : LB97843 Operator : Jaswal  
 Lab Sample ID : ICB Instrumnet Name : P7  
 Client Sample ID : ICB Dilution Factor : 1  
 Date & Time Acquired :: 2018-09-07 16:05:18 DataFile Name : 014CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.32   | -0.08   | 0.15    | -0.08      |         | ppb   |
| Antimony   | 121-1 | 0.03    | 0.04    | 0.03    | 0.03       | 14.30   | ppb   |
| Arsenic    | 75-2  | 0.01    | 0.48    | 0.01    | 0.17       | 162.99  | ppb   |
| Barium     | 135-1 | 0.02    | 0.00    | 0.01    | 0.01       | 68.09   | ppb   |
| Barium     | 137-1 | 0.01    | 0.02    | 0.00    | 0.01       | 60.23   | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.00    | 0.02    | 0.01       | 110.10  | ppb   |
| Bismuth    | 209-1 |         |         |         | 103        |         | %     |
| Bismuth    | 209-2 |         |         |         | 105        |         | %     |
| Boron      | 10-1  | 8.20    | 7.50    | 8.22    | 7.97       | 5.12    | ppb   |
| Boron      | 11-1  | 8.12    | 7.99    | 7.61    | 7.91       | 3.38    | ppb   |
| Cadmium    | 111-1 | -0.09   | 0.02    | -0.07   | -0.05      |         | ppb   |
| Cadmium    | 106-1 | -1.12   | 0.18    | -0.95   | -0.63      |         | ppb   |
| Cadmium    | 108-1 | 0.05    | -0.02   | 0.03    | 0.02       | 182.91  | ppb   |
| Calcium    | 43-1  | -0.95   | 0.05    | -1.69   | -0.87      |         | ppb   |
| Calcium    | 44-1  | 0.35    | 0.63    | 0.18    | 0.39       | 58.27   | ppb   |
| Chromium   | 52-2  | -0.03   | -0.02   | 0.02    | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | 2008.45 | ppb   |
| Copper     | 63-2  | -0.06   | -0.13   | -0.08   | -0.09      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 105        |         | %     |
| Holmium    | 165-2 |         |         |         | 107        |         | %     |
| Indium     | 115-1 |         |         |         | 106        |         | %     |
| Indium     | 115-2 |         |         |         | 108        |         | %     |
| Iron       | 56-2  | 0.04    | 0.09    | 0.06    | 0.06       | 42.28   | ppb   |
| Iron       | 57-2  | -0.45   | -0.58   | -0.96   | -0.66      |         | ppb   |
| Lead       | 206-1 | 0.00    | 0.01    | 0.01    | 0.01       | 50.87   | ppb   |
| Lead       | 207-1 | 0.01    | 0.02    | 0.01    | 0.01       | 23.81   | ppb   |
| Lead       | 208-1 | 0.01    | 0.01    | 0.01    | 0.01       | 34.16   | ppb   |
| Lithium    | 6-1   |         |         |         | 109        |         | %     |
| Magnesium  | 24-2  | 0.28    | 0.33    | 0.50    | 0.37       | 30.48   | ppb   |
| Manganese  | 55-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P7        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:05:18 | DataFile Name :   | 014CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.12    | 0.13    | 0.16    | 0.14       | 16.42   | ppb   |
| Molybdenum | 95-1  | 0.08    | 0.08    | 0.13    | 0.10       | 26.20   | ppb   |
| Molybdenum | 96-1  | 0.14    | 0.13    | 0.10    | 0.12       | 16.01   | ppb   |
| Molybdenum | 97-1  | 0.12    | 0.09    | 0.07    | 0.09       | 28.93   | ppb   |
| Molybdenum | 98-1  | 0.10    | 0.09    | 0.10    | 0.10       | 5.64    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.01   | 0.00    | 0.02    | 0.01       | 213.31  | ppb   |
| Phosphorus | 31-2  | -5.00   | 2.55    | -7.76   | -3.41      |         | ppb   |
| Potassium  | 39-2  | -1.14   | -2.82   | -2.10   | -2.02      |         | ppb   |
| Rhodium    | 103-1 |         |         |         | 106        |         | %     |
| Rhodium    | 103-2 |         |         |         | 108        |         | %     |
| Scandium   | 45-1  |         |         |         | 109        |         | %     |
| Scandium   | 45-2  |         |         |         | 109        |         | %     |
| Selenium   | 77-2  | 0.00    | 0.41    | 0.00    | 0.14       | 173.21  | ppb   |
| Selenium   | 78-2  | -0.23   | 0.68    | -0.88   | -0.14      |         | ppb   |
| Selenium   | 82-1  | -0.16   | -0.18   | 0.01    | -0.11      |         | ppb   |
| Silicon    | 28-1  | 5.43    | 4.74    | 5.83    | 5.33       | 10.35   | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.00    | 0.00       | 73.22   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 500.43  | ppb   |
| Sodium     | 23-2  | -1.45   | 1.48    | 1.75    | 0.59       | 299.58  | ppb   |
| Strontium  | 86-1  | -0.03   | -0.01   | -0.03   | -0.02      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.01    | 0.00    | 0.00       | 76.08   | ppb   |
| Sulfur     | 34-1  | -354.73 | -406.22 | -300.06 | -353.67    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 104        |         | %     |
| Terbium    | 159-2 |         |         |         | 107        |         | %     |
| Thallium   | 203-1 | 0.02    | 0.03    | 0.02    | 0.02       | 21.59   | ppb   |
| Thallium   | 205-1 | 0.02    | 0.03    | 0.02    | 0.02       | 10.60   | ppb   |
| Thorium    | 232-1 | 0.17    | 0.16    | 0.16    | 0.16       | 3.27    | ppb   |
| Tin        | 118-1 | 0.07    | 0.05    | 0.06    | 0.06       | 17.78   | ppb   |
| Titanium   | 47-1  | -0.05   | -0.02   | -0.04   | -0.04      |         | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 62.73   | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Yttrium    | 89-1  |         |         |         | 107        |         | %     |
| Yttrium    | 89-2  |         |         |         | 109        |         | %     |
| Zinc       | 66-2  | 0.15    | -0.01   | 0.01    | 0.05       | 162.55  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P7        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:05:18 | DataFile Name :   | 014CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.04    | 0.03    | 0.04    | 0.04       | 14.47   | ppb   |
| Zirconium | 91-1 | 0.05    | 0.01    | 0.02    | 0.03       | 75.16   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:08:53 | DataFile Name :   | 015ICSA.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 89761.32 | 89676.43 | 89184.86 | 89540.87   | 0.35    | ppb   |
| Antimony   | 121-1 | 1.06     | 1.09     | 1.12     | 1.09       | 3.16    | ppb   |
| Arsenic    | 75-2  | 0.26     | 0.32     | 0.23     | 0.27       | 18.33   | ppb   |
| Barium     | 135-1 | 1.42     | 1.44     | 1.44     | 1.44       | 0.79    | ppb   |
| Barium     | 137-1 | 1.39     | 1.41     | 1.49     | 1.43       | 3.52    | ppb   |
| Beryllium  | 9-1   | 0.28     | 0.25     | 0.31     | 0.28       | 10.26   | ppb   |
| Bismuth    | 209-1 |          |          |          | 93         |         | %     |
| Bismuth    | 209-2 |          |          |          | 94         |         | %     |
| Boron      | 10-1  | 8.67     | 8.82     | 7.24     | 8.24       | 10.56   | ppb   |
| Boron      | 11-1  | 8.15     | 7.85     | 7.85     | 7.95       | 2.15    | ppb   |
| Cadmium    | 111-1 | 0.21     | 0.35     | 0.29     | 0.28       | 24.41   | ppb   |
| Cadmium    | 106-1 | -2.36    | -0.91    | -1.70    | -1.66      |         | ppb   |
| Cadmium    | 108-1 | 12.77    | 12.64    | 11.74    | 12.38      | 4.51    | ppb   |
| Calcium    | 43-1  | 94131.44 | 95050.25 | 94571.83 | 94584.51   | 0.49    | ppb   |
| Calcium    | 44-1  | 94358.64 | 95229.82 | 94950.38 | 94846.28   | 0.47    | ppb   |
| Chromium   | 52-2  | 19.26    | 19.24    | 19.21    | 19.23      | 0.14    | ppb   |
| Cobalt     | 59-2  | 1.16     | 1.15     | 1.16     | 1.16       | 0.48    | ppb   |
| Copper     | 63-2  | 7.77     | 7.75     | 7.85     | 7.79       | 0.67    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 101        |         | %     |
| Holmium    | 165-2 |          |          |          | 102        |         | %     |
| Indium     | 115-1 |          |          |          | 96         |         | %     |
| Indium     | 115-2 |          |          |          | 99         |         | %     |
| Iron       | 56-2  | 99406.87 | 98373.80 | 98865.23 | 98881.97   | 0.52    | ppb   |
| Iron       | 57-2  | 99597.93 | 98892.57 | 98857.14 | 99115.88   | 0.42    | ppb   |
| Lead       | 206-1 | 4.80     | 4.81     | 4.93     | 4.85       | 1.56    | ppb   |
| Lead       | 207-1 | 4.33     | 4.25     | 4.18     | 4.25       | 1.72    | ppb   |
| Lead       | 208-1 | 4.52     | 4.45     | 4.50     | 4.49       | 0.78    | ppb   |
| Lithium    | 6-1   |          |          |          | 101        |         | %     |
| Magnesium  | 24-2  | 98311.32 | 98027.52 | 98369.18 | 98236.01   | 0.19    | ppb   |
| Manganese  | 55-2  | 7.80     | 7.84     | 7.75     | 7.80       | 0.62    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:08:53 | DataFile Name :   | 015ICSA.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1325.22  | 1333.22  | 1325.67  | 1328.04    | 0.34    | ppb   |
| Molybdenum | 95-1  | 1910.60  | 1942.64  | 1921.52  | 1924.92    | 0.85    | ppb   |
| Molybdenum | 96-1  | 1835.24  | 1855.36  | 1837.95  | 1842.85    | 0.59    | ppb   |
| Molybdenum | 97-1  | 1908.11  | 1943.90  | 1919.26  | 1923.75    | 0.95    | ppb   |
| Molybdenum | 98-1  | 1902.43  | 1937.41  | 1920.69  | 1920.18    | 0.91    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 5.27     | 5.23     | 5.28     | 5.26       | 0.55    | ppb   |
| Phosphorus | 31-2  | 96866.54 | 96372.81 | 95653.15 | 96297.50   | 0.63    | ppb   |
| Potassium  | 39-2  | 95235.58 | 95049.81 | 96009.78 | 95431.73   | 0.53    | ppb   |
| Rhodium    | 103-1 |          |          |          | 93         |         | %     |
| Rhodium    | 103-2 |          |          |          | 96         |         | %     |
| Scandium   | 45-1  |          |          |          | 100        |         | %     |
| Scandium   | 45-2  |          |          |          | 101        |         | %     |
| Selenium   | 77-2  | 0.00     | 0.43     | 0.00     | 0.14       | 173.21  | ppb   |
| Selenium   | 78-2  | 0.10     | -0.55    | -0.26    | -0.24      |         | ppb   |
| Selenium   | 82-1  | 0.21     | -0.04    | 0.29     | 0.15       | 114.24  | ppb   |
| Silicon    | 28-1  | 26.31    | 27.31    | 26.66    | 26.76      | 1.91    | ppb   |
| Silver     | 109-1 | 0.03     | 0.04     | 0.04     | 0.03       | 13.97   | ppb   |
| Silver     | 107-1 | 0.02     | 0.04     | 0.04     | 0.03       | 29.42   | ppb   |
| Sodium     | 23-2  | 99161.34 | 98447.26 | 98832.56 | 98813.72   | 0.36    | ppb   |
| Strontium  | 86-1  | 33.30    | 33.72    | 33.13    | 33.38      | 0.91    | ppb   |
| Strontium  | 88-1  | 33.03    | 33.55    | 33.19    | 33.26      | 0.80    | ppb   |
| Sulfur     | 34-1  | 87971.05 | 87761.49 | 87716.90 | 87816.48   | 0.15    | ppb   |
| Terbium    | 159-1 |          |          |          | 101        |         | %     |
| Terbium    | 159-2 |          |          |          | 102        |         | %     |
| Thallium   | 203-1 | 0.08     | 0.08     | 0.08     | 0.08       | 2.03    | ppb   |
| Thallium   | 205-1 | 0.08     | 0.09     | 0.08     | 0.08       | 2.24    | ppb   |
| Thorium    | 232-1 | 0.66     | 0.66     | 0.63     | 0.65       | 2.46    | ppb   |
| Tin        | 118-1 | 0.19     | 0.21     | 0.24     | 0.21       | 13.12   | ppb   |
| Titanium   | 47-1  | 1974.63  | 2020.52  | 1990.98  | 1995.38    | 1.17    | ppb   |
| Uranium    | 238-1 | 0.02     | 0.02     | 0.02     | 0.02       | 6.82    | ppb   |
| Vanadium   | 51-2  | 0.12     | 0.16     | 0.14     | 0.14       | 14.58   | ppb   |
| Yttrium    | 89-1  |          |          |          | 99         |         | %     |
| Yttrium    | 89-2  |          |          |          | 102        |         | %     |
| Zinc       | 66-2  | 12.01    | 10.98    | 11.45    | 11.48      | 4.47    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:08:53 | DataFile Name :   | 015ICSA.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.17    | 0.16    | 0.12    | 0.15       | 18.09   | ppb   |
| Zirconium | 91-1 | 0.19    | 0.12    | 0.10    | 0.14       | 35.67   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:12:28 | DataFile Name :   | 016ICSB.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 89745.30 | 88615.72 | 88458.38 | 88939.80   | 0.79    | ppb   |
| Antimony   | 121-1 | 20.39    | 20.68    | 20.26    | 20.44      | 1.06    | ppb   |
| Arsenic    | 75-2  | 19.51    | 19.48    | 19.42    | 19.47      | 0.24    | ppb   |
| Barium     | 135-1 | 21.50    | 21.56    | 21.30    | 21.45      | 0.63    | ppb   |
| Barium     | 137-1 | 21.35    | 21.48    | 21.42    | 21.42      | 0.31    | ppb   |
| Beryllium  | 9-1   | 19.68    | 19.66    | 19.83    | 19.72      | 0.47    | ppb   |
| Bismuth    | 209-1 |          |          |          | 95         |         | %     |
| Bismuth    | 209-2 |          |          |          | 96         |         | %     |
| Boron      | 10-1  | 61.80    | 64.96    | 61.43    | 62.73      | 3.09    | ppb   |
| Boron      | 11-1  | 63.63    | 66.15    | 64.66    | 64.81      | 1.96    | ppb   |
| Cadmium    | 111-1 | 20.51    | 20.38    | 19.99    | 20.30      | 1.33    | ppb   |
| Cadmium    | 106-1 | 23.18    | 25.21    | 22.09    | 23.50      | 6.74    | ppb   |
| Cadmium    | 108-1 | 32.14    | 33.40    | 33.88    | 33.14      | 2.72    | ppb   |
| Calcium    | 43-1  | 94339.06 | 94171.41 | 94659.67 | 94390.05   | 0.26    | ppb   |
| Calcium    | 44-1  | 94680.59 | 94516.29 | 94894.11 | 94697.00   | 0.20    | ppb   |
| Chromium   | 52-2  | 39.34    | 39.12    | 38.16    | 38.87      | 1.61    | ppb   |
| Cobalt     | 59-2  | 20.78    | 20.65    | 20.56    | 20.66      | 0.54    | ppb   |
| Copper     | 63-2  | 27.69    | 27.27    | 27.14    | 27.36      | 1.05    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 104        |         | %     |
| Holmium    | 165-2 |          |          |          | 105        |         | %     |
| Indium     | 115-1 |          |          |          | 100        |         | %     |
| Indium     | 115-2 |          |          |          | 102        |         | %     |
| Iron       | 56-2  | 99569.46 | 97818.65 | 96652.40 | 98013.50   | 1.50    | ppb   |
| Iron       | 57-2  | 99501.36 | 98137.34 | 97355.03 | 98331.24   | 1.10    | ppb   |
| Lead       | 206-1 | 25.23    | 25.34    | 25.40    | 25.32      | 0.35    | ppb   |
| Lead       | 207-1 | 23.47    | 23.57    | 23.50    | 23.51      | 0.21    | ppb   |
| Lead       | 208-1 | 24.11    | 24.05    | 24.24    | 24.13      | 0.42    | ppb   |
| Lithium    | 6-1   |          |          |          | 105        |         | %     |
| Magnesium  | 24-2  | 98454.23 | 97723.21 | 96349.36 | 97508.94   | 1.10    | ppb   |
| Manganese  | 55-2  | 26.37    | 26.98    | 26.64    | 26.66      | 1.15    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:12:28 | DataFile Name :   | 016ICSB.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1461.38  | 1451.00  | 1450.34  | 1454.24    | 0.43    | ppb   |
| Molybdenum | 95-1  | 1977.68  | 1970.27  | 1966.39  | 1971.45    | 0.29    | ppb   |
| Molybdenum | 96-1  | 1904.71  | 1877.44  | 1894.14  | 1892.10    | 0.73    | ppb   |
| Molybdenum | 97-1  | 1972.21  | 1941.39  | 1957.24  | 1956.95    | 0.79    | ppb   |
| Molybdenum | 98-1  | 1971.62  | 1946.69  | 1964.76  | 1961.02    | 0.66    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 24.85    | 24.34    | 24.52    | 24.57      | 1.06    | ppb   |
| Phosphorus | 31-2  | 95346.12 | 95255.27 | 94937.01 | 95179.46   | 0.23    | ppb   |
| Potassium  | 39-2  | 95920.48 | 94188.62 | 93998.03 | 94702.38   | 1.12    | ppb   |
| Rhodium    | 103-1 |          |          |          | 97         |         | %     |
| Rhodium    | 103-2 |          |          |          | 99         |         | %     |
| Scandium   | 45-1  |          |          |          | 105        |         | %     |
| Scandium   | 45-2  |          |          |          | 105        |         | %     |
| Selenium   | 77-2  | 19.77    | 25.12    | 14.29    | 19.73      | 27.46   | ppb   |
| Selenium   | 78-2  | 19.34    | 19.66    | 19.60    | 19.53      | 0.87    | ppb   |
| Selenium   | 82-1  | 18.81    | 19.69    | 19.40    | 19.30      | 2.33    | ppb   |
| Silicon    | 28-1  | 89.30    | 89.70    | 90.24    | 89.74      | 0.53    | ppb   |
| Silver     | 109-1 | 18.61    | 18.13    | 18.10    | 18.28      | 1.56    | ppb   |
| Silver     | 107-1 | 18.11    | 18.25    | 18.07    | 18.14      | 0.53    | ppb   |
| Sodium     | 23-2  | 98889.92 | 98844.61 | 97268.09 | 98334.20   | 0.94    | ppb   |
| Strontium  | 86-1  | 91.25    | 90.27    | 92.05    | 91.19      | 0.98    | ppb   |
| Strontium  | 88-1  | 90.54    | 89.42    | 90.44    | 90.13      | 0.69    | ppb   |
| Sulfur     | 34-1  | 87059.97 | 87288.65 | 87237.64 | 87195.42   | 0.14    | ppb   |
| Terbium    | 159-1 |          |          |          | 104        |         | %     |
| Terbium    | 159-2 |          |          |          | 105        |         | %     |
| Thallium   | 203-1 | 19.84    | 20.02    | 20.18    | 20.02      | 0.84    | ppb   |
| Thallium   | 205-1 | 20.17    | 20.27    | 19.97    | 20.14      | 0.76    | ppb   |
| Thorium    | 232-1 | 0.49     | 0.48     | 0.47     | 0.48       | 2.34    | ppb   |
| Tin        | 118-1 | 57.99    | 57.61    | 57.58    | 57.73      | 0.39    | ppb   |
| Titanium   | 47-1  | 2027.10  | 2035.48  | 2039.30  | 2033.96    | 0.31    | ppb   |
| Uranium    | 238-1 | 59.62    | 59.37    | 59.41    | 59.47      | 0.23    | ppb   |
| Vanadium   | 51-2  | 19.57    | 19.49    | 19.28    | 19.44      | 0.77    | ppb   |
| Yttrium    | 89-1  |          |          |          | 104        |         | %     |
| Yttrium    | 89-2  |          |          |          | 105        |         | %     |
| Zinc       | 66-2  | 30.86    | 30.34    | 30.00    | 30.40      | 1.41    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:12:28 | DataFile Name :   | 016ICSB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 58.11   | 57.76   | 57.62   | 57.83      | 0.44    | ppb   |
| Zirconium | 91-1 | 58.43   | 57.96   | 58.44   | 58.28      | 0.47    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB97843             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV088              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV088              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-09-07 16:16:04 | DataFile Name :   | 017CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 51545.50  | 51344.91  | 51635.96  | 51508.79   | 0.29    | ppb   |
| Antimony   | 121-1 | 502.42    | 500.91    | 497.50    | 500.28     | 0.50    | ppb   |
| Arsenic    | 75-2  | 492.38    | 485.15    | 490.37    | 489.30     | 0.76    | ppb   |
| Barium     | 135-1 | 2547.62   | 2549.21   | 2502.61   | 2533.15    | 1.04    | ppb   |
| Barium     | 137-1 | 2563.93   | 2540.68   | 2521.17   | 2541.93    | 0.84    | ppb   |
| Beryllium  | 9-1   | 501.96    | 508.83    | 502.70    | 504.50     | 0.75    | ppb   |
| Bismuth    | 209-1 |           |           |           | 93         |         | %     |
| Bismuth    | 209-2 |           |           |           | 91         |         | %     |
| Boron      | 10-1  | 488.26    | 506.69    | 506.38    | 500.44     | 2.11    | ppb   |
| Boron      | 11-1  | 499.52    | 504.18    | 518.73    | 507.48     | 1.97    | ppb   |
| Cadmium    | 111-1 | 491.52    | 490.08    | 490.00    | 490.53     | 0.17    | ppb   |
| Cadmium    | 106-1 | 488.67    | 488.89    | 488.43    | 488.67     | 0.05    | ppb   |
| Cadmium    | 108-1 | 492.13    | 487.27    | 489.38    | 489.59     | 0.50    | ppb   |
| Calcium    | 43-1  | 239179.62 | 241097.50 | 238457.04 | 239578.05  | 0.57    | ppb   |
| Calcium    | 44-1  | 239640.95 | 243163.25 | 239279.63 | 240694.61  | 0.89    | ppb   |
| Chromium   | 52-2  | 513.98    | 506.95    | 513.35    | 511.43     | 0.76    | ppb   |
| Cobalt     | 59-2  | 486.86    | 481.89    | 490.59    | 486.45     | 0.90    | ppb   |
| Copper     | 63-2  | 963.77    | 952.11    | 968.39    | 961.43     | 0.87    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 105        |         | %     |
| Holmium    | 165-2 |           |           |           | 103        |         | %     |
| Indium     | 115-1 |           |           |           | 99         |         | %     |
| Indium     | 115-2 |           |           |           | 99         |         | %     |
| Iron       | 56-2  | 125573.48 | 123913.45 | 126739.91 | 125408.95  | 1.13    | ppb   |
| Iron       | 57-2  | 125891.41 | 124634.41 | 126442.29 | 125656.04  | 0.74    | ppb   |
| Lead       | 206-1 | 510.66    | 511.72    | 507.69    | 510.02     | 0.41    | ppb   |
| Lead       | 207-1 | 506.68    | 513.01    | 507.05    | 508.91     | 0.70    | ppb   |
| Lead       | 208-1 | 508.62    | 512.22    | 506.94    | 509.26     | 0.53    | ppb   |
| Lithium    | 6-1   |           |           |           | 103        |         | %     |
| Magnesium  | 24-2  | 248400.36 | 248915.30 | 247587.65 | 248301.10  | 0.27    | ppb   |
| Manganese  | 55-2  | 991.83    | 980.90    | 997.04    | 989.92     | 0.83    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB97843             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV088              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV088              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-09-07 16:16:04 | DataFile Name :   | 017CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 2514.26   | 2551.08   | 2529.08   | 2531.47    | 0.73    | ppb   |
| Molybdenum | 95-1  | 2514.10   | 2542.36   | 2521.08   | 2525.85    | 0.58    | ppb   |
| Molybdenum | 96-1  | 2512.27   | 2525.71   | 2530.23   | 2522.74    | 0.37    | ppb   |
| Molybdenum | 97-1  | 2519.39   | 2540.55   | 2522.55   | 2527.50    | 0.45    | ppb   |
| Molybdenum | 98-1  | 2506.65   | 2552.06   | 2511.59   | 2523.43    | 0.99    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 497.20    | 491.93    | 503.19    | 497.44     | 1.13    | ppb   |
| Phosphorus | 31-2  | 9795.99   | 10086.96  | 9725.83   | 9869.59    | 1.94    | ppb   |
| Potassium  | 39-2  | 121886.77 | 121183.11 | 121010.55 | 121360.14  | 0.38    | ppb   |
| Rhodium    | 103-1 |           |           |           | 94         |         | %     |
| Rhodium    | 103-2 |           |           |           | 95         |         | %     |
| Scandium   | 45-1  |           |           |           | 106        |         | %     |
| Scandium   | 45-2  |           |           |           | 103        |         | %     |
| Selenium   | 77-2  | 489.47    | 479.89    | 460.88    | 476.75     | 3.05    | ppb   |
| Selenium   | 78-2  | 473.47    | 471.47    | 477.68    | 474.21     | 0.67    | ppb   |
| Selenium   | 82-1  | 471.00    | 479.81    | 477.47    | 476.10     | 0.96    | ppb   |
| Silicon    | 28-1  | 550.85    | 561.18    | 558.03    | 556.69     | 0.95    | ppb   |
| Silver     | 109-1 | 490.55    | 491.11    | 487.15    | 489.61     | 0.44    | ppb   |
| Silver     | 107-1 | 488.54    | 488.73    | 487.70    | 488.33     | 0.11    | ppb   |
| Sodium     | 23-2  | 249352.84 | 247279.70 | 252042.30 | 249558.28  | 0.96    | ppb   |
| Strontium  | 86-1  | 501.25    | 507.79    | 501.41    | 503.48     | 0.74    | ppb   |
| Strontium  | 88-1  | 503.33    | 511.21    | 504.22    | 506.25     | 0.85    | ppb   |
| Sulfur     | 34-1  | 9033.31   | 9301.09   | 9184.16   | 9172.85    | 1.46    | ppb   |
| Terbium    | 159-1 |           |           |           | 103        |         | %     |
| Terbium    | 159-2 |           |           |           | 103        |         | %     |
| Thallium   | 203-1 | 513.32    | 520.04    | 514.02    | 515.79     | 0.72    | ppb   |
| Thallium   | 205-1 | 514.26    | 514.08    | 511.98    | 513.44     | 0.25    | ppb   |
| Thorium    | 232-1 | 516.25    | 522.62    | 518.32    | 519.07     | 0.63    | ppb   |
| Tin        | 118-1 | 505.67    | 509.83    | 503.90    | 506.47     | 0.60    | ppb   |
| Titanium   | 47-1  | 2530.68   | 2534.57   | 2520.73   | 2528.66    | 0.28    | ppb   |
| Uranium    | 238-1 | 515.63    | 514.58    | 514.10    | 514.77     | 0.15    | ppb   |
| Vanadium   | 51-2  | 509.92    | 504.13    | 509.00    | 507.69     | 0.61    | ppb   |
| Yttrium    | 89-1  |           |           |           | 104        |         | %     |
| Yttrium    | 89-2  |           |           |           | 104        |         | %     |
| Zinc       | 66-2  | 934.09    | 921.78    | 946.81    | 934.23     | 1.34    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB97843             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV088              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV088              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-09-07 16:16:04 | DataFile Name :   | 017CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 510.62  | 508.77  | 507.32  | 508.90     | 0.33    | ppb   |
| Zirconium | 91-1 | 501.34  | 505.06  | 504.43  | 503.61     | 0.40    | ppb   |

LB Number : LB97843 Operator : Jaswal  
 Lab Sample ID : CCB088 Instrumnet Name : P7  
 Client Sample ID : CCB088 Dilution Factor : 1  
 Date & Time Acquired :: 2018-09-07 16:23:02 DataFile Name : 018CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.55    | 0.70    | 0.62    | 0.63       | 12.12   | ppb   |
| Antimony   | 121-1 | 0.08    | 0.08    | 0.08    | 0.08       | 0.41    | ppb   |
| Arsenic    | 75-2  | 0.00    | 0.02    | 0.02    | 0.02       | 62.85   | ppb   |
| Barium     | 135-1 | -0.01   | 0.02    | 0.01    | 0.01       | 250.17  | ppb   |
| Barium     | 137-1 | 0.03    | 0.01    | 0.01    | 0.01       | 76.34   | ppb   |
| Beryllium  | 9-1   | 0.04    | 0.03    | 0.06    | 0.04       | 38.54   | ppb   |
| Bismuth    | 209-1 |         |         |         | 104        |         | %     |
| Bismuth    | 209-2 |         |         |         | 105        |         | %     |
| Boron      | 10-1  | 8.31    | 8.82    | 8.10    | 8.41       | 4.37    | ppb   |
| Boron      | 11-1  | 8.40    | 8.02    | 7.72    | 8.05       | 4.26    | ppb   |
| Cadmium    | 111-1 | -0.03   | -0.20   | -0.07   | -0.10      |         | ppb   |
| Cadmium    | 106-1 | -0.45   | -2.73   | -1.16   | -1.45      |         | ppb   |
| Cadmium    | 108-1 | 0.03    | 0.00    | -0.06   | -0.01      |         | ppb   |
| Calcium    | 43-1  | 0.11    | -0.47   | 1.16    | 0.27       | 312.17  | ppb   |
| Calcium    | 44-1  | 2.38    | 2.62    | 2.45    | 2.48       | 4.87    | ppb   |
| Chromium   | 52-2  | 0.03    | -0.01   | 0.01    | 0.01       | 211.86  | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | 14.77   | ppb   |
| Copper     | 63-2  | 0.05    | 0.05    | 0.03    | 0.04       | 25.86   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 106        |         | %     |
| Holmium    | 165-2 |         |         |         | 107        |         | %     |
| Indium     | 115-1 |         |         |         | 106        |         | %     |
| Indium     | 115-2 |         |         |         | 108        |         | %     |
| Iron       | 56-2  | 1.33    | 1.37    | 1.46    | 1.39       | 4.83    | ppb   |
| Iron       | 57-2  | -0.47   | 0.58    | 0.74    | 0.28       | 234.01  | ppb   |
| Lead       | 206-1 | 0.05    | 0.07    | 0.06    | 0.06       | 12.24   | ppb   |
| Lead       | 207-1 | 0.07    | 0.07    | 0.06    | 0.07       | 11.37   | ppb   |
| Lead       | 208-1 | 0.06    | 0.06    | 0.06    | 0.06       | 1.80    | ppb   |
| Lithium    | 6-1   |         |         |         | 109        |         | %     |
| Magnesium  | 24-2  | 1.41    | 1.16    | 1.74    | 1.44       | 20.11   | ppb   |
| Manganese  | 55-2  | 0.01    | 0.00    | 0.00    | 0.00       | 238.73  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB088              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB088              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:23:02 | DataFile Name :   | 018CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.43     | 0.47     | 0.43     | 0.44       | 4.78    | ppb   |
| Molybdenum | 95-1  | 0.60     | 0.57     | 0.53     | 0.57       | 6.55    | ppb   |
| Molybdenum | 96-1  | 0.63     | 0.60     | 0.52     | 0.59       | 9.16    | ppb   |
| Molybdenum | 97-1  | 0.57     | 0.60     | 0.53     | 0.57       | 6.34    | ppb   |
| Molybdenum | 98-1  | 0.58     | 0.56     | 0.53     | 0.56       | 4.35    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.00     | 0.03     | 0.00     | 0.01       | 218.90  | ppb   |
| Phosphorus | 31-2  | -1.70    | 14.25    | -10.66   | 0.63       | 2004.85 | ppb   |
| Potassium  | 39-2  | 7.52     | 6.83     | 1.52     | 5.29       | 62.13   | ppb   |
| Rhodium    | 103-1 |          |          |          | 106        |         | %     |
| Rhodium    | 103-2 |          |          |          | 109        |         | %     |
| Scandium   | 45-1  |          |          |          | 109        |         | %     |
| Scandium   | 45-2  |          |          |          | 108        |         | %     |
| Selenium   | 77-2  | 0.41     | 0.00     | 0.00     | 0.14       | 173.21  | ppb   |
| Selenium   | 78-2  | 0.13     | -0.35    | -0.69    | -0.30      |         | ppb   |
| Selenium   | 82-1  | -0.32    | 0.26     | 0.45     | 0.13       | 303.77  | ppb   |
| Silicon    | 28-1  | 4.85     | 5.80     | 5.57     | 5.41       | 9.21    | ppb   |
| Silver     | 109-1 | 0.01     | 0.01     | 0.02     | 0.01       | 17.37   | ppb   |
| Silver     | 107-1 | 0.02     | 0.01     | 0.02     | 0.02       | 32.95   | ppb   |
| Sodium     | 23-2  | 11.78    | 10.15    | 14.82    | 12.25      | 19.37   | ppb   |
| Strontium  | 86-1  | 0.00     | -0.02    | -0.01    | -0.01      |         | ppb   |
| Strontium  | 88-1  | 0.00     | 0.00     | 0.00     | 0.00       | 68.84   | ppb   |
| Sulfur     | 34-1  | -1058.53 | -1171.30 | -1141.98 | -1123.94   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 105        |         | %     |
| Terbium    | 159-2 |          |          |          | 108        |         | %     |
| Thallium   | 203-1 | 0.07     | 0.08     | 0.07     | 0.08       | 7.70    | ppb   |
| Thallium   | 205-1 | 0.08     | 0.08     | 0.08     | 0.08       | 3.94    | ppb   |
| Thorium    | 232-1 | 0.09     | 0.08     | 0.08     | 0.08       | 7.23    | ppb   |
| Tin        | 118-1 | 0.04     | 0.02     | 0.02     | 0.03       | 40.20   | ppb   |
| Titanium   | 47-1  | 0.04     | 0.00     | 0.00     | 0.01       | 165.05  | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       | 17.44   | ppb   |
| Vanadium   | 51-2  | 0.00     | 0.00     | 0.00     | 0.00       | 94.35   | ppb   |
| Yttrium    | 89-1  |          |          |          | 107        |         | %     |
| Yttrium    | 89-2  |          |          |          | 109        |         | %     |
| Zinc       | 66-2  | -0.01    | 0.13     | 0.05     | 0.06       | 129.78  | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB088              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB088              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:23:02 | DataFile Name :   | 018CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.02    | 0.02    | 0.02    | 0.02       | 13.39   | ppb   |
| Zirconium | 91-1 | 0.02    | 0.00    | 0.01    | 0.01       | 118.45  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB112702BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PBW007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:26:36 | DataFile Name :   | 019CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD  | Units |
|------------|-------|---------|---------|---------|------------|----------|-------|
| Aluminium  | 27-2  | -0.08   | 0.15    | -0.40   | -0.11      |          | ppb   |
| Antimony   | 121-1 | 0.04    | 0.05    | 0.03    | 0.04       | 14.92    | ppb   |
| Arsenic    | 75-2  | 0.02    | 0.01    | 0.01    | 0.01       | 28.85    | ppb   |
| Barium     | 135-1 | 0.01    | 0.00    | -0.01   | 0.00       | 43898.44 | ppb   |
| Barium     | 137-1 | 0.01    | 0.01    | 0.01    | 0.01       | 43.79    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.01    | 0.02    | 0.01       | 15.92    | ppb   |
| Bismuth    | 209-1 |         |         |         | 104        |          | %     |
| Bismuth    | 209-2 |         |         |         | 105        |          | %     |
| Boron      | 10-1  | 5.42    | 5.29    | 5.54    | 5.42       | 2.28     | ppb   |
| Boron      | 11-1  | 5.50    | 5.17    | 4.89    | 5.19       | 5.89     | ppb   |
| Cadmium    | 111-1 | -0.04   | -0.20   | -0.07   | -0.10      |          | ppb   |
| Cadmium    | 106-1 | -0.62   | -2.68   | -0.90   | -1.40      |          | ppb   |
| Cadmium    | 108-1 | -0.02   | 0.02    | 0.02    | 0.01       | 271.67   | ppb   |
| Calcium    | 43-1  | -1.24   | 0.06    | 1.06    | -0.04      |          | ppb   |
| Calcium    | 44-1  | 1.88    | 2.28    | 1.59    | 1.92       | 18.23    | ppb   |
| Chromium   | 52-2  | -0.02   | 0.00    | 0.02    | 0.00       |          | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | 164.93   | ppb   |
| Copper     | 63-2  | 0.03    | 0.00    | 0.04    | 0.02       | 71.42    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |          | cps   |
| Dysprosium | 156-2 |         |         |         |            |          | cps   |
| Erbium     | 164-1 |         |         |         |            |          | cps   |
| Erbium     | 164-2 |         |         |         |            |          | cps   |
| Gadolinium | 160-1 |         |         |         |            |          | cps   |
| Gadolinium | 160-2 |         |         |         |            |          | cps   |
| Holmium    | 165-1 |         |         |         | 107        |          | %     |
| Holmium    | 165-2 |         |         |         | 107        |          | %     |
| Indium     | 115-1 |         |         |         | 108        |          | %     |
| Indium     | 115-2 |         |         |         | 109        |          | %     |
| Iron       | 56-2  | 0.43    | 0.64    | 0.43    | 0.50       | 24.78    | ppb   |
| Iron       | 57-2  | 0.56    | -0.63   | 0.09    | 0.01       | 8283.05  | ppb   |
| Lead       | 206-1 | 0.05    | 0.05    | 0.04    | 0.05       | 19.67    | ppb   |
| Lead       | 207-1 | 0.04    | 0.04    | 0.05    | 0.04       | 9.32     | ppb   |
| Lead       | 208-1 | 0.04    | 0.04    | 0.04    | 0.04       | 5.72     | ppb   |
| Lithium    | 6-1   |         |         |         | 110        |          | %     |
| Magnesium  | 24-2  | 0.77    | 1.31    | 1.23    | 1.10       | 26.28    | ppb   |
| Manganese  | 55-2  | 0.00    | 0.00    | 0.00    | 0.00       | 7.29     | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB112702BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PBW007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:26:36 | DataFile Name :   | 019CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.21    | 0.24    | 0.23    | 0.23       | 7.32    | ppb   |
| Molybdenum | 95-1  | 0.27    | 0.29    | 0.31    | 0.29       | 7.39    | ppb   |
| Molybdenum | 96-1  | 0.26    | 0.28    | 0.28    | 0.27       | 2.83    | ppb   |
| Molybdenum | 97-1  | 0.32    | 0.32    | 0.20    | 0.28       | 24.95   | ppb   |
| Molybdenum | 98-1  | 0.25    | 0.26    | 0.25    | 0.25       | 1.44    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.00    | 0.00    | 0.00    | 0.00       | 5231.15 | ppb   |
| Phosphorus | 31-2  | 0.97    | -7.91   | 0.26    | -2.23      |         | ppb   |
| Potassium  | 39-2  | 4.89    | 3.76    | -0.45   | 2.73       | 103.01  | ppb   |
| Rhodium    | 103-1 |         |         |         | 108        |         | %     |
| Rhodium    | 103-2 |         |         |         | 109        |         | %     |
| Scandium   | 45-1  |         |         |         | 110        |         | %     |
| Scandium   | 45-2  |         |         |         | 110        |         | %     |
| Selenium   | 77-2  | 0.81    | 0.00    | 0.00    | 0.27       | 173.21  | ppb   |
| Selenium   | 78-2  | 0.12    | -0.09   | 0.09    | 0.04       | 279.81  | ppb   |
| Selenium   | 82-1  | 0.03    | -0.08   | -0.23   | -0.09      |         | ppb   |
| Silicon    | 28-1  | 5.64    | 6.30    | 6.03    | 5.99       | 5.53    | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 11.18   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.00    | 0.01       | 42.40   | ppb   |
| Sodium     | 23-2  | 9.02    | 8.58    | 5.29    | 7.63       | 26.70   | ppb   |
| Strontium  | 86-1  | 0.02    | -0.04   | 0.00    | -0.01      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -889.21 | -899.22 | -957.51 | -915.31    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 107        |         | %     |
| Terbium    | 159-2 |         |         |         | 108        |         | %     |
| Thallium   | 203-1 | 0.06    | 0.04    | 0.05    | 0.05       | 13.12   | ppb   |
| Thallium   | 205-1 | 0.05    | 0.04    | 0.05    | 0.05       | 7.06    | ppb   |
| Thorium    | 232-1 | 0.06    | 0.06    | 0.07    | 0.06       | 9.04    | ppb   |
| Tin        | 118-1 | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Titanium   | 47-1  | 0.00    | 0.00    | -0.03   | -0.01      |         | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 78.31   | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | 127.23  | ppb   |
| Yttrium    | 89-1  |         |         |         | 109        |         | %     |
| Yttrium    | 89-2  |         |         |         | 109        |         | %     |
| Zinc       | 66-2  | -0.06   | 0.01    | 0.03    | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB112702BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PBW007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:26:36 | DataFile Name :   | 019CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.01    | 0.02    | 0.01    | 0.01       | 31.19   | ppb   |
| Zirconium | 91-1 | 0.01    | -0.02   | -0.03   | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB112702BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:30:10 | DataFile Name :   | 020LCSE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 36.55   | 37.79   | 37.80   | 37.38      | 1.92    | ppb   |
| Antimony   | 121-1 | 3.86    | 3.93    | 3.80    | 3.86       | 1.73    | ppb   |
| Arsenic    | 75-2  | 2.08    | 2.12    | 1.92    | 2.04       | 5.16    | ppb   |
| Barium     | 135-1 | 19.13   | 19.08   | 19.43   | 19.21      | 0.97    | ppb   |
| Barium     | 137-1 | 19.08   | 19.62   | 19.28   | 19.32      | 1.41    | ppb   |
| Beryllium  | 9-1   | 1.99    | 1.90    | 1.88    | 1.92       | 2.90    | ppb   |
| Bismuth    | 209-1 |         |         |         | 103        |         | %     |
| Bismuth    | 209-2 |         |         |         | 104        |         | %     |
| Boron      | 10-1  | 48.53   | 46.59   | 52.16   | 49.09      | 5.76    | ppb   |
| Boron      | 11-1  | 48.87   | 49.03   | 50.87   | 49.59      | 2.24    | ppb   |
| Cadmium    | 111-1 | 2.07    | 1.88    | 1.91    | 1.95       | 5.15    | ppb   |
| Cadmium    | 106-1 | 0.75    | 0.28    | -0.06   | 0.33       | 124.91  | ppb   |
| Cadmium    | 108-1 | 2.03    | 2.15    | 2.01    | 2.06       | 3.87    | ppb   |
| Calcium    | 43-1  | 907.83  | 906.43  | 913.64  | 909.30     | 0.42    | ppb   |
| Calcium    | 44-1  | 914.19  | 905.50  | 930.56  | 916.75     | 1.39    | ppb   |
| Chromium   | 52-2  | 4.01    | 4.15    | 4.03    | 4.06       | 1.90    | ppb   |
| Cobalt     | 59-2  | 1.98    | 2.04    | 1.99    | 2.00       | 1.47    | ppb   |
| Copper     | 63-2  | 3.94    | 4.08    | 4.09    | 4.04       | 2.03    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 106        |         | %     |
| Holmium    | 165-2 |         |         |         | 107        |         | %     |
| Indium     | 115-1 |         |         |         | 107        |         | %     |
| Indium     | 115-2 |         |         |         | 109        |         | %     |
| Iron       | 56-2  | 413.22  | 414.21  | 413.64  | 413.69     | 0.12    | ppb   |
| Iron       | 57-2  | 419.89  | 410.07  | 430.28  | 420.08     | 2.41    | ppb   |
| Lead       | 206-1 | 1.97    | 1.94    | 1.92    | 1.94       | 1.19    | ppb   |
| Lead       | 207-1 | 1.93    | 1.90    | 1.98    | 1.94       | 2.11    | ppb   |
| Lead       | 208-1 | 1.95    | 1.90    | 1.95    | 1.93       | 1.67    | ppb   |
| Lithium    | 6-1   |         |         |         | 111        |         | %     |
| Magnesium  | 24-2  | 970.99  | 957.01  | 963.77  | 963.93     | 0.73    | ppb   |
| Manganese  | 55-2  | 2.12    | 1.97    | 2.07    | 2.06       | 3.69    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB112702BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:30:10 | DataFile Name :   | 020LCSE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 9.84    | 9.61    | 9.73    | 9.73       | 1.15    | ppb   |
| Molybdenum | 95-1  | 9.56    | 9.51    | 9.91    | 9.66       | 2.26    | ppb   |
| Molybdenum | 96-1  | 9.54    | 9.59    | 9.72    | 9.62       | 0.95    | ppb   |
| Molybdenum | 97-1  | 9.45    | 9.79    | 9.78    | 9.67       | 1.97    | ppb   |
| Molybdenum | 98-1  | 9.62    | 9.68    | 9.51    | 9.60       | 0.90    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 2.25    | 2.18    | 2.19    | 2.21       | 1.80    | ppb   |
| Phosphorus | 31-2  | 3.40    | -0.67   | -2.38   | 0.12       | 2520.81 | ppb   |
| Potassium  | 39-2  | 924.11  | 935.61  | 919.32  | 926.35     | 0.90    | ppb   |
| Rhodium    | 103-1 |         |         |         | 108        |         | %     |
| Rhodium    | 103-2 |         |         |         | 109        |         | %     |
| Scandium   | 45-1  |         |         |         | 111        |         | %     |
| Scandium   | 45-2  |         |         |         | 110        |         | %     |
| Selenium   | 77-2  | 9.62    | 12.93   | 9.15    | 10.57      | 19.51   | ppb   |
| Selenium   | 78-2  | 10.03   | 12.47   | 9.67    | 10.72      | 14.21   | ppb   |
| Selenium   | 82-1  | 10.35   | 10.77   | 9.61    | 10.24      | 5.75    | ppb   |
| Silicon    | 28-1  | 37.09   | 36.01   | 36.61   | 36.57      | 1.48    | ppb   |
| Silver     | 109-1 | 2.04    | 1.98    | 2.04    | 2.02       | 1.63    | ppb   |
| Silver     | 107-1 | 2.03    | 2.06    | 2.06    | 2.05       | 0.84    | ppb   |
| Sodium     | 23-2  | 960.98  | 964.32  | 963.15  | 962.82     | 0.18    | ppb   |
| Strontium  | 86-1  | 1.93    | 1.85    | 2.03    | 1.93       | 4.61    | ppb   |
| Strontium  | 88-1  | 1.99    | 1.94    | 1.96    | 1.96       | 1.19    | ppb   |
| Sulfur     | 34-1  | -870.70 | -895.61 | -810.84 | -859.05    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 106        |         | %     |
| Terbium    | 159-2 |         |         |         | 108        |         | %     |
| Thallium   | 203-1 | 1.86    | 1.89    | 1.89    | 1.88       | 0.93    | ppb   |
| Thallium   | 205-1 | 1.93    | 1.90    | 1.98    | 1.94       | 1.94    | ppb   |
| Thorium    | 232-1 | 1.82    | 1.86    | 1.91    | 1.86       | 2.64    | ppb   |
| Tin        | 118-1 | 9.74    | 9.64    | 9.80    | 9.73       | 0.83    | ppb   |
| Titanium   | 47-1  | 9.54    | 9.50    | 9.21    | 9.42       | 1.91    | ppb   |
| Uranium    | 238-1 | 1.80    | 1.82    | 1.86    | 1.83       | 1.94    | ppb   |
| Vanadium   | 51-2  | 9.29    | 9.60    | 9.22    | 9.37       | 2.16    | ppb   |
| Yttrium    | 89-1  |         |         |         | 109        |         | %     |
| Yttrium    | 89-2  |         |         |         | 110        |         | %     |
| Zinc       | 66-2  | 4.43    | 4.60    | 4.22    | 4.42       | 4.27    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB112702BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:30:10 | DataFile Name :   | 020LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 2.03    | 1.99    | 2.05    | 2.02       | 1.54    | ppb   |
| Zirconium | 91-1 | 1.89    | 1.95    | 1.99    | 1.94       | 2.52    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4785-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | MBEAQ2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:33:44 | DataFile Name :   | 021SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 25.61    | 21.57    | 23.00    | 23.39      | 8.75    | ppb   |
| Antimony   | 121-1 | 0.06     | 0.08     | 0.08     | 0.07       | 14.95   | ppb   |
| Arsenic    | 75-2  | 0.13     | 0.12     | 0.10     | 0.12       | 11.44   | ppb   |
| Barium     | 135-1 | 35.54    | 35.00    | 35.26    | 35.27      | 0.77    | ppb   |
| Barium     | 137-1 | 35.03    | 35.12    | 34.95    | 35.03      | 0.25    | ppb   |
| Beryllium  | 9-1   | 0.02     | 0.01     | 0.02     | 0.02       | 27.00   | ppb   |
| Bismuth    | 209-1 |          |          |          | 109        |         | %     |
| Bismuth    | 209-2 |          |          |          | 108        |         | %     |
| Boron      | 10-1  | 32.45    | 34.05    | 34.10    | 33.53      | 2.80    | ppb   |
| Boron      | 11-1  | 34.30    | 34.79    | 33.44    | 34.18      | 2.01    | ppb   |
| Cadmium    | 111-1 | -0.02    | -0.07    | -0.18    | -0.09      |         | ppb   |
| Cadmium    | 106-1 | -0.37    | -1.34    | -2.74    | -1.48      |         | ppb   |
| Cadmium    | 108-1 | 0.01     | 0.02     | 0.10     | 0.04       | 110.75  | ppb   |
| Calcium    | 43-1  | 66181.71 | 66088.22 | 65205.01 | 65824.98   | 0.82    | ppb   |
| Calcium    | 44-1  | 66000.81 | 66309.06 | 65221.87 | 65843.92   | 0.85    | ppb   |
| Chromium   | 52-2  | 0.58     | 0.53     | 0.55     | 0.55       | 3.94    | ppb   |
| Cobalt     | 59-2  | 0.08     | 0.07     | 0.08     | 0.08       | 6.18    | ppb   |
| Copper     | 63-2  | 0.85     | 0.88     | 0.83     | 0.85       | 3.42    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 116        |         | %     |
| Holmium    | 165-2 |          |          |          | 115        |         | %     |
| Indium     | 115-1 |          |          |          | 115        |         | %     |
| Indium     | 115-2 |          |          |          | 115        |         | %     |
| Iron       | 56-2  | 4.71     | 4.82     | 4.97     | 4.83       | 2.68    | ppb   |
| Iron       | 57-2  | 121.18   | 129.81   | 122.60   | 124.53     | 3.71    | ppb   |
| Lead       | 206-1 | 0.23     | 0.17     | 0.15     | 0.18       | 22.43   | ppb   |
| Lead       | 207-1 | 0.22     | 0.17     | 0.16     | 0.18       | 17.63   | ppb   |
| Lead       | 208-1 | 0.22     | 0.17     | 0.14     | 0.18       | 21.47   | ppb   |
| Lithium    | 6-1   |          |          |          | 121        |         | %     |
| Magnesium  | 24-2  | 25317.24 | 25290.19 | 25115.38 | 25240.94   | 0.43    | ppb   |
| Manganese  | 55-2  | 0.37     | 0.38     | 0.39     | 0.38       | 3.26    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4785-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | MBEAQ2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:33:44 | DataFile Name :   | 021SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.22      | 0.22      | 0.23      | 0.22       | 2.35    | ppb   |
| Molybdenum | 95-1  | 0.27      | 0.32      | 0.30      | 0.30       | 7.92    | ppb   |
| Molybdenum | 96-1  | 0.26      | 0.28      | 0.29      | 0.28       | 5.49    | ppb   |
| Molybdenum | 97-1  | 0.32      | 0.27      | 0.28      | 0.29       | 9.35    | ppb   |
| Molybdenum | 98-1  | 0.27      | 0.30      | 0.27      | 0.28       | 6.35    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 1.01      | 0.92      | 0.95      | 0.96       | 4.64    | ppb   |
| Phosphorus | 31-2  | -2.59     | -0.07     | -1.34     | -1.33      |         | ppb   |
| Potassium  | 39-2  | 3410.61   | 3441.24   | 3443.24   | 3431.70    | 0.53    | ppb   |
| Rhodium    | 103-1 |           |           |           | 111        |         | %     |
| Rhodium    | 103-2 |           |           |           | 112        |         | %     |
| Scandium   | 45-1  |           |           |           | 119        |         | %     |
| Scandium   | 45-2  |           |           |           | 117        |         | %     |
| Selenium   | 77-2  | 0.76      | 3.37      | 1.51      | 1.88       | 71.73   | ppb   |
| Selenium   | 78-2  | 1.00      | 0.41      | 0.81      | 0.74       | 40.38   | ppb   |
| Selenium   | 82-1  | 0.69      | 0.95      | 0.99      | 0.88       | 18.23   | ppb   |
| Silicon    | 28-1  | 8703.96   | 8702.09   | 8588.13   | 8664.72    | 0.77    | ppb   |
| Silver     | 109-1 | 0.06      | 0.07      | 0.07      | 0.07       | 11.66   | ppb   |
| Silver     | 107-1 | 0.05      | 0.06      | 0.07      | 0.06       | 16.75   | ppb   |
| Sodium     | 23-2  | 139260.10 | 139682.42 | 138630.08 | 139190.87  | 0.38    | ppb   |
| Strontium  | 86-1  | 207.80    | 205.15    | 204.18    | 205.71     | 0.91    | ppb   |
| Strontium  | 88-1  | 205.10    | 204.95    | 202.96    | 204.33     | 0.58    | ppb   |
| Sulfur     | 34-1  | 5617.71   | 5643.19   | 5725.28   | 5662.06    | 0.99    | ppb   |
| Terbium    | 159-1 |           |           |           | 116        |         | %     |
| Terbium    | 159-2 |           |           |           | 116        |         | %     |
| Thallium   | 203-1 | 0.14      | 0.15      | 0.14      | 0.14       | 5.24    | ppb   |
| Thallium   | 205-1 | 0.15      | 0.14      | 0.13      | 0.14       | 6.11    | ppb   |
| Thorium    | 232-1 | 0.01      | 0.01      | 0.01      | 0.01       | 9.80    | ppb   |
| Tin        | 118-1 | 0.19      | 0.15      | 0.15      | 0.16       | 13.49   | ppb   |
| Titanium   | 47-1  | 0.70      | 0.67      | 0.65      | 0.68       | 3.70    | ppb   |
| Uranium    | 238-1 | 0.63      | 0.62      | 0.62      | 0.62       | 1.11    | ppb   |
| Vanadium   | 51-2  | 0.70      | 0.70      | 0.69      | 0.70       | 0.71    | ppb   |
| Yttrium    | 89-1  |           |           |           | 117        |         | %     |
| Yttrium    | 89-2  |           |           |           | 117        |         | %     |
| Zinc       | 66-2  | 13.88     | 13.61     | 13.93     | 13.81      | 1.24    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4785-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | MBEAQ2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:33:44 | DataFile Name :   | 021SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.02    | 0.02    | 0.02    | 0.02       | 17.68   | ppb   |
| Zirconium | 91-1 | 0.00    | 0.01    | 0.01    | 0.01       | 93.12   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4785-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | MBEAQ2D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:37:23 | DataFile Name :   | 022SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 24.06    | 24.75    | 21.83    | 23.55      | 6.47    | ppb   |
| Antimony   | 121-1 | 0.07     | 0.08     | 0.07     | 0.07       | 9.78    | ppb   |
| Arsenic    | 75-2  | 0.12     | 0.07     | 0.16     | 0.12       | 36.60   | ppb   |
| Barium     | 135-1 | 34.82    | 35.17    | 35.51    | 35.17      | 0.98    | ppb   |
| Barium     | 137-1 | 35.36    | 35.90    | 35.01    | 35.42      | 1.26    | ppb   |
| Beryllium  | 9-1   | 0.02     | 0.00     | 0.04     | 0.02       | 84.40   | ppb   |
| Bismuth    | 209-1 |          |          |          | 107        |         | %     |
| Bismuth    | 209-2 |          |          |          | 107        |         | %     |
| Boron      | 10-1  | 32.60    | 32.26    | 33.04    | 32.63      | 1.19    | ppb   |
| Boron      | 11-1  | 32.76    | 33.74    | 33.80    | 33.43      | 1.75    | ppb   |
| Cadmium    | 111-1 | -0.04    | -0.08    | -0.13    | -0.08      |         | ppb   |
| Cadmium    | 106-1 | -0.68    | -1.11    | -1.92    | -1.24      |         | ppb   |
| Cadmium    | 108-1 | 0.04     | 0.02     | 0.04     | 0.03       | 39.95   | ppb   |
| Calcium    | 43-1  | 65823.83 | 66710.89 | 65179.46 | 65904.73   | 1.17    | ppb   |
| Calcium    | 44-1  | 65915.62 | 66698.24 | 65614.39 | 66076.08   | 0.85    | ppb   |
| Chromium   | 52-2  | 0.55     | 0.55     | 0.54     | 0.55       | 1.68    | ppb   |
| Cobalt     | 59-2  | 0.07     | 0.08     | 0.08     | 0.08       | 7.41    | ppb   |
| Copper     | 63-2  | 0.95     | 1.03     | 0.96     | 0.98       | 4.40    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 115        |         | %     |
| Holmium    | 165-2 |          |          |          | 115        |         | %     |
| Indium     | 115-1 |          |          |          | 114        |         | %     |
| Indium     | 115-2 |          |          |          | 114        |         | %     |
| Iron       | 56-2  | 4.68     | 4.90     | 4.61     | 4.73       | 3.24    | ppb   |
| Iron       | 57-2  | 122.92   | 127.79   | 128.84   | 126.52     | 2.50    | ppb   |
| Lead       | 206-1 | 0.11     | 0.08     | 0.11     | 0.10       | 15.16   | ppb   |
| Lead       | 207-1 | 0.11     | 0.09     | 0.09     | 0.10       | 11.37   | ppb   |
| Lead       | 208-1 | 0.10     | 0.08     | 0.09     | 0.09       | 10.07   | ppb   |
| Lithium    | 6-1   |          |          |          | 122        |         | %     |
| Magnesium  | 24-2  | 25415.52 | 25400.44 | 25111.78 | 25309.25   | 0.68    | ppb   |
| Manganese  | 55-2  | 0.33     | 0.38     | 0.39     | 0.36       | 9.03    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4785-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | MBEAQ2D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:37:23 | DataFile Name :   | 022SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.18      | 0.23      | 0.21      | 0.21       | 13.40   | ppb   |
| Molybdenum | 95-1  | 0.25      | 0.24      | 0.23      | 0.24       | 3.62    | ppb   |
| Molybdenum | 96-1  | 0.26      | 0.23      | 0.24      | 0.24       | 5.25    | ppb   |
| Molybdenum | 97-1  | 0.27      | 0.21      | 0.28      | 0.25       | 15.19   | ppb   |
| Molybdenum | 98-1  | 0.25      | 0.26      | 0.25      | 0.25       | 1.47    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 0.85      | 0.91      | 1.18      | 0.98       | 17.73   | ppb   |
| Phosphorus | 31-2  | 12.08     | -12.08    | -6.80     | -2.27      |         | ppb   |
| Potassium  | 39-2  | 3439.69   | 3423.32   | 3429.05   | 3430.69    | 0.24    | ppb   |
| Rhodium    | 103-1 |           |           |           | 111        |         | %     |
| Rhodium    | 103-2 |           |           |           | 111        |         | %     |
| Scandium   | 45-1  |           |           |           | 119        |         | %     |
| Scandium   | 45-2  |           |           |           | 118        |         | %     |
| Selenium   | 77-2  | 2.28      | 0.75      | 0.00      | 1.01       | 114.80  | ppb   |
| Selenium   | 78-2  | -0.11     | 0.12      | 0.99      | 0.33       | 175.35  | ppb   |
| Selenium   | 82-1  | 1.07      | 1.21      | 1.12      | 1.13       | 6.10    | ppb   |
| Silicon    | 28-1  | 8630.70   | 8784.72   | 8602.89   | 8672.77    | 1.13    | ppb   |
| Silver     | 109-1 | 0.07      | 0.06      | 0.08      | 0.07       | 19.60   | ppb   |
| Silver     | 107-1 | 0.06      | 0.06      | 0.06      | 0.06       | 4.16    | ppb   |
| Sodium     | 23-2  | 138716.29 | 139962.68 | 139277.09 | 139318.69  | 0.45    | ppb   |
| Strontium  | 86-1  | 204.40    | 207.18    | 206.52    | 206.03     | 0.71    | ppb   |
| Strontium  | 88-1  | 204.11    | 206.01    | 203.41    | 204.51     | 0.66    | ppb   |
| Sulfur     | 34-1  | 5768.51   | 6058.56   | 5836.88   | 5887.98    | 2.58    | ppb   |
| Terbium    | 159-1 |           |           |           | 115        |         | %     |
| Terbium    | 159-2 |           |           |           | 115        |         | %     |
| Thallium   | 203-1 | 0.06      | 0.07      | 0.06      | 0.06       | 11.40   | ppb   |
| Thallium   | 205-1 | 0.06      | 0.06      | 0.07      | 0.06       | 8.50    | ppb   |
| Thorium    | 232-1 | 0.01      | 0.01      | 0.01      | 0.01       | 28.74   | ppb   |
| Tin        | 118-1 | 0.12      | 0.13      | 0.16      | 0.14       | 12.63   | ppb   |
| Titanium   | 47-1  | 0.69      | 0.80      | 0.72      | 0.73       | 7.75    | ppb   |
| Uranium    | 238-1 | 0.61      | 0.65      | 0.63      | 0.63       | 3.48    | ppb   |
| Vanadium   | 51-2  | 0.75      | 0.71      | 0.71      | 0.72       | 3.29    | ppb   |
| Yttrium    | 89-1  |           |           |           | 117        |         | %     |
| Yttrium    | 89-2  |           |           |           | 116        |         | %     |
| Zinc       | 66-2  | 12.77     | 13.33     | 12.97     | 13.03      | 2.18    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4785-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | MBEAQ2D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:37:23 | DataFile Name :   | 022SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.03    | 0.02    | 0.00    | 0.02       | 69.20   | ppb   |
| Zirconium | 91-1 | 0.00    | 0.02    | 0.02    | 0.01       | 96.26   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4785-01LREX5       | Instrumnet Name : | P7        |
| Client Sample ID :      | MBEAQ2L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-09-07 16:41:01 | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 5.50     | 5.63     | 7.10     | 6.08       | 14.66   | ppb   |
| Antimony   | 121-1 | 0.02     | 0.02     | 0.02     | 0.02       | 24.02   | ppb   |
| Arsenic    | 75-2  | 0.04     | 0.04     | 0.01     | 0.03       | 70.85   | ppb   |
| Barium     | 135-1 | 7.04     | 6.90     | 7.11     | 7.01       | 1.53    | ppb   |
| Barium     | 137-1 | 7.38     | 7.25     | 7.32     | 7.32       | 0.90    | ppb   |
| Beryllium  | 9-1   | 0.02     | 0.02     | 0.02     | 0.02       | 8.15    | ppb   |
| Bismuth    | 209-1 |          |          |          | 101        |         | %     |
| Bismuth    | 209-2 |          |          |          | 101        |         | %     |
| Boron      | 10-1  | 11.58    | 10.98    | 9.98     | 10.84      | 7.45    | ppb   |
| Boron      | 11-1  | 10.60    | 10.58    | 10.66    | 10.61      | 0.42    | ppb   |
| Cadmium    | 111-1 | 0.05     | -0.09    | -0.04    | -0.02      |         | ppb   |
| Cadmium    | 106-1 | 0.65     | -1.18    | -0.61    | -0.38      |         | ppb   |
| Cadmium    | 108-1 | 0.00     | 0.00     | -0.04    | -0.01      |         | ppb   |
| Calcium    | 43-1  | 13417.27 | 13330.49 | 13372.61 | 13373.45   | 0.32    | ppb   |
| Calcium    | 44-1  | 13269.33 | 13349.41 | 13359.83 | 13326.19   | 0.37    | ppb   |
| Chromium   | 52-2  | 0.16     | 0.17     | 0.16     | 0.16       | 3.62    | ppb   |
| Cobalt     | 59-2  | 0.03     | 0.02     | 0.01     | 0.02       | 38.01   | ppb   |
| Copper     | 63-2  | 1.31     | 1.33     | 1.29     | 1.31       | 1.40    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 105        |         | %     |
| Holmium    | 165-2 |          |          |          | 104        |         | %     |
| Indium     | 115-1 |          |          |          | 104        |         | %     |
| Indium     | 115-2 |          |          |          | 105        |         | %     |
| Iron       | 56-2  | 1.49     | 1.37     | 1.43     | 1.43       | 3.97    | ppb   |
| Iron       | 57-2  | 23.42    | 24.74    | 23.30    | 23.82      | 3.34    | ppb   |
| Lead       | 206-1 | 0.29     | 0.28     | 0.27     | 0.28       | 4.63    | ppb   |
| Lead       | 207-1 | 0.28     | 0.24     | 0.27     | 0.27       | 7.20    | ppb   |
| Lead       | 208-1 | 0.27     | 0.27     | 0.27     | 0.27       | 0.29    | ppb   |
| Lithium    | 6-1   |          |          |          | 110        |         | %     |
| Magnesium  | 24-2  | 5001.87  | 5043.81  | 5063.18  | 5036.29    | 0.62    | ppb   |
| Manganese  | 55-2  | 0.09     | 0.10     | 0.10     | 0.10       | 7.91    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4785-01LREX5       | Instrumnet Name : | P7        |
| Client Sample ID :      | MBEAQ2L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-09-07 16:41:01 | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.07     | 0.10     | 0.12     | 0.10       | 24.52   | ppb   |
| Molybdenum | 95-1  | 0.13     | 0.12     | 0.12     | 0.12       | 5.39    | ppb   |
| Molybdenum | 96-1  | 0.15     | 0.12     | 0.13     | 0.13       | 9.02    | ppb   |
| Molybdenum | 97-1  | 0.14     | 0.11     | 0.07     | 0.11       | 30.00   | ppb   |
| Molybdenum | 98-1  | 0.10     | 0.14     | 0.13     | 0.12       | 15.07   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1.04     | 0.99     | 1.00     | 1.01       | 2.91    | ppb   |
| Phosphorus | 31-2  | 0.12     | -6.84    | -0.73    | -2.48      |         | ppb   |
| Potassium  | 39-2  | 687.28   | 695.27   | 691.33   | 691.29     | 0.58    | ppb   |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Rhodium    | 103-2 |          |          |          | 104        |         | %     |
| Scandium   | 45-1  |          |          |          | 107        |         | %     |
| Scandium   | 45-2  |          |          |          | 105        |         | %     |
| Selenium   | 77-2  | 0.42     | 0.42     | 0.00     | 0.28       | 86.60   | ppb   |
| Selenium   | 78-2  | 0.00     | -0.28    | -0.67    | -0.32      |         | ppb   |
| Selenium   | 82-1  | 0.05     | -0.01    | -0.06    | -0.01      |         | ppb   |
| Silicon    | 28-1  | 1714.00  | 1722.70  | 1728.30  | 1721.67    | 0.42    | ppb   |
| Silver     | 109-1 | 0.03     | 0.04     | 0.03     | 0.03       | 18.22   | ppb   |
| Silver     | 107-1 | 0.03     | 0.03     | 0.02     | 0.03       | 25.36   | ppb   |
| Sodium     | 23-2  | 27816.89 | 27974.61 | 28206.02 | 27999.17   | 0.70    | ppb   |
| Strontium  | 86-1  | 40.89    | 40.93    | 40.84    | 40.89      | 0.12    | ppb   |
| Strontium  | 88-1  | 40.78    | 40.95    | 41.08    | 40.94      | 0.37    | ppb   |
| Sulfur     | 34-1  | 761.35   | 894.73   | 929.45   | 861.84     | 10.30   | ppb   |
| Terbium    | 159-1 |          |          |          | 104        |         | %     |
| Terbium    | 159-2 |          |          |          | 104        |         | %     |
| Thallium   | 203-1 | 0.02     | 0.02     | 0.02     | 0.02       | 16.28   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.02     | 0.01     | 0.01       | 14.13   | ppb   |
| Thorium    | 232-1 | 0.04     | 0.04     | 0.04     | 0.04       | 0.39    | ppb   |
| Tin        | 118-1 | 0.01     | 0.02     | 0.02     | 0.02       | 28.39   | ppb   |
| Titanium   | 47-1  | 0.12     | 0.18     | 0.14     | 0.14       | 21.65   | ppb   |
| Uranium    | 238-1 | 0.12     | 0.11     | 0.12     | 0.12       | 5.29    | ppb   |
| Vanadium   | 51-2  | 0.17     | 0.17     | 0.19     | 0.18       | 4.72    | ppb   |
| Yttrium    | 89-1  |          |          |          | 106        |         | %     |
| Yttrium    | 89-2  |          |          |          | 105        |         | %     |
| Zinc       | 66-2  | 7.39     | 7.16     | 7.23     | 7.26       | 1.64    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4785-01LREX5       | Instrumnet Name : | P7        |
| Client Sample ID :      | MBEAQ2L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-09-07 16:41:01 | DataFile Name :   | 023SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.01    | 0.02    | 0.00    | 0.01       | 135.65  | ppb   |
| Zirconium | 91-1 | -0.02   | 0.01    | -0.02   | -0.01      |         | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4785-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | MBEAQ2S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:44:36 | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 1850.35  | 1871.19  | 1869.39  | 1863.64    | 0.62    | ppb   |
| Antimony   | 121-1 | 100.24   | 98.14    | 100.60   | 99.66      | 1.33    | ppb   |
| Arsenic    | 75-2  | 41.65    | 41.62    | 41.59    | 41.62      | 0.07    | ppb   |
| Barium     | 135-1 | 2030.08  | 1989.59  | 2031.30  | 2016.99    | 1.18    | ppb   |
| Barium     | 137-1 | 2027.87  | 2001.15  | 2037.47  | 2022.16    | 0.93    | ppb   |
| Beryllium  | 9-1   | 50.95    | 49.32    | 49.78    | 50.01      | 1.68    | ppb   |
| Bismuth    | 209-1 |          |          |          | 107        |         | %     |
| Bismuth    | 209-2 |          |          |          | 105        |         | %     |
| Boron      | 10-1  | 29.94    | 30.41    | 30.57    | 30.31      | 1.08    | ppb   |
| Boron      | 11-1  | 30.08    | 30.15    | 30.88    | 30.37      | 1.46    | ppb   |
| Cadmium    | 111-1 | 52.31    | 51.46    | 51.39    | 51.72      | 0.99    | ppb   |
| Cadmium    | 106-1 | 42.61    | 40.16    | 41.06    | 41.28      | 3.00    | ppb   |
| Cadmium    | 108-1 | 44.12    | 45.47    | 47.29    | 45.63      | 3.49    | ppb   |
| Calcium    | 43-1  | 64735.04 | 63968.44 | 64145.25 | 64282.91   | 0.62    | ppb   |
| Calcium    | 44-1  | 64934.05 | 64324.54 | 64487.12 | 64581.91   | 0.49    | ppb   |
| Chromium   | 52-2  | 196.91   | 197.47   | 198.42   | 197.60     | 0.39    | ppb   |
| Cobalt     | 59-2  | 488.24   | 489.08   | 490.23   | 489.18     | 0.20    | ppb   |
| Copper     | 63-2  | 253.52   | 253.47   | 254.42   | 253.80     | 0.21    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 115        |         | %     |
| Holmium    | 165-2 |          |          |          | 113        |         | %     |
| Indium     | 115-1 |          |          |          | 113        |         | %     |
| Indium     | 115-2 |          |          |          | 113        |         | %     |
| Iron       | 56-2  | 999.46   | 1000.04  | 979.48   | 992.99     | 1.18    | ppb   |
| Iron       | 57-2  | 1117.20  | 1127.82  | 1122.29  | 1122.43    | 0.47    | ppb   |
| Lead       | 206-1 | 20.37    | 19.94    | 20.46    | 20.26      | 1.38    | ppb   |
| Lead       | 207-1 | 20.38    | 20.19    | 20.16    | 20.24      | 0.59    | ppb   |
| Lead       | 208-1 | 20.22    | 20.08    | 20.16    | 20.15      | 0.35    | ppb   |
| Lithium    | 6-1   |          |          |          | 121        |         | %     |
| Magnesium  | 24-2  | 24509.33 | 24637.19 | 24527.21 | 24557.91   | 0.28    | ppb   |
| Manganese  | 55-2  | 477.61   | 477.27   | 482.51   | 479.13     | 0.61    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4785-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | MBEAQ2S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:44:36 | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.50      | 0.54      | 0.46      | 0.50       | 8.52    | ppb   |
| Molybdenum | 95-1  | 0.68      | 0.62      | 0.60      | 0.64       | 6.25    | ppb   |
| Molybdenum | 96-1  | 0.65      | 0.59      | 0.63      | 0.63       | 5.04    | ppb   |
| Molybdenum | 97-1  | 0.61      | 0.67      | 0.63      | 0.64       | 4.56    | ppb   |
| Molybdenum | 98-1  | 0.63      | 0.67      | 0.61      | 0.64       | 4.61    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 499.90    | 498.92    | 496.15    | 498.32     | 0.39    | ppb   |
| Phosphorus | 31-2  | 7.63      | -0.51     | -1.79     | 1.78       | 287.80  | ppb   |
| Potassium  | 39-2  | 3333.58   | 3363.61   | 3311.55   | 3336.25    | 0.78    | ppb   |
| Rhodium    | 103-1 |           |           |           | 109        |         | %     |
| Rhodium    | 103-2 |           |           |           | 109        |         | %     |
| Scandium   | 45-1  |           |           |           | 117        |         | %     |
| Scandium   | 45-2  |           |           |           | 114        |         | %     |
| Selenium   | 77-2  | 153.34    | 155.15    | 149.09    | 152.53     | 2.04    | ppb   |
| Selenium   | 78-2  | 157.47    | 158.69    | 156.64    | 157.60     | 0.65    | ppb   |
| Selenium   | 82-1  | 156.14    | 156.33    | 157.98    | 156.82     | 0.65    | ppb   |
| Silicon    | 28-1  | 8439.62   | 8398.60   | 8476.78   | 8438.33    | 0.46    | ppb   |
| Silver     | 109-1 | 48.64     | 47.75     | 48.75     | 48.38      | 1.13    | ppb   |
| Silver     | 107-1 | 47.68     | 47.86     | 48.40     | 47.98      | 0.78    | ppb   |
| Sodium     | 23-2  | 135841.31 | 135273.91 | 134878.61 | 135331.28  | 0.36    | ppb   |
| Strontium  | 86-1  | 201.64    | 198.50    | 200.22    | 200.12     | 0.79    | ppb   |
| Strontium  | 88-1  | 199.88    | 198.32    | 199.32    | 199.17     | 0.40    | ppb   |
| Sulfur     | 34-1  | 5669.05   | 5457.59   | 5767.68   | 5631.44    | 2.81    | ppb   |
| Terbium    | 159-1 |           |           |           | 115        |         | %     |
| Terbium    | 159-2 |           |           |           | 113        |         | %     |
| Thallium   | 203-1 | 48.80     | 48.59     | 48.96     | 48.78      | 0.39    | ppb   |
| Thallium   | 205-1 | 49.15     | 48.67     | 49.50     | 49.11      | 0.85    | ppb   |
| Thorium    | 232-1 | 0.01      | 0.01      | 0.01      | 0.01       | 19.33   | ppb   |
| Tin        | 118-1 | 1.03      | 0.98      | 0.98      | 1.00       | 3.20    | ppb   |
| Titanium   | 47-1  | 0.76      | 0.72      | 0.77      | 0.75       | 3.62    | ppb   |
| Uranium    | 238-1 | 0.63      | 0.62      | 0.61      | 0.62       | 1.69    | ppb   |
| Vanadium   | 51-2  | 497.02    | 496.43    | 499.56    | 497.67     | 0.33    | ppb   |
| Yttrium    | 89-1  |           |           |           | 116        |         | %     |
| Yttrium    | 89-2  |           |           |           | 114        |         | %     |
| Zinc       | 66-2  | 517.16    | 519.80    | 523.07    | 520.01     | 0.57    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4785-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | MBEAQ2S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:44:36 | DataFile Name :   | 024SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.01    | 0.02    | 0.02    | 0.02       | 28.27   | ppb   |
| Zirconium | 91-1 | 0.05    | 0.03    | 0.03    | 0.04       | 18.74   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4785-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | MBEAQ3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:48:15 | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 18.31    | 15.25    | 19.95    | 17.84      | 13.39   | ppb   |
| Antimony   | 121-1 | 0.05     | 0.06     | 0.06     | 0.06       | 9.43    | ppb   |
| Arsenic    | 75-2  | 0.07     | 0.10     | 0.14     | 0.10       | 31.60   | ppb   |
| Barium     | 135-1 | 34.55    | 35.74    | 35.18    | 35.16      | 1.69    | ppb   |
| Barium     | 137-1 | 35.48    | 35.32    | 35.76    | 35.52      | 0.63    | ppb   |
| Beryllium  | 9-1   | 0.02     | 0.01     | 0.03     | 0.02       | 44.47   | ppb   |
| Bismuth    | 209-1 |          |          |          | 109        |         | %     |
| Bismuth    | 209-2 |          |          |          | 108        |         | %     |
| Boron      | 10-1  | 31.16    | 31.43    | 33.89    | 32.16      | 4.68    | ppb   |
| Boron      | 11-1  | 31.06    | 31.41    | 31.97    | 31.48      | 1.46    | ppb   |
| Cadmium    | 111-1 | -0.03    | -0.08    | -0.09    | -0.06      |         | ppb   |
| Cadmium    | 106-1 | -0.50    | -1.29    | -1.37    | -1.05      |         | ppb   |
| Cadmium    | 108-1 | 0.00     | -0.05    | -0.02    | -0.02      |         | ppb   |
| Calcium    | 43-1  | 66478.92 | 66632.63 | 66266.91 | 66459.49   | 0.28    | ppb   |
| Calcium    | 44-1  | 66450.19 | 66242.64 | 66584.94 | 66425.92   | 0.26    | ppb   |
| Chromium   | 52-2  | 0.49     | 0.49     | 0.48     | 0.49       | 0.90    | ppb   |
| Cobalt     | 59-2  | 0.09     | 0.08     | 0.09     | 0.09       | 7.77    | ppb   |
| Copper     | 63-2  | 0.78     | 0.72     | 0.67     | 0.72       | 7.58    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 116        |         | %     |
| Holmium    | 165-2 |          |          |          | 116        |         | %     |
| Indium     | 115-1 |          |          |          | 114        |         | %     |
| Indium     | 115-2 |          |          |          | 114        |         | %     |
| Iron       | 56-2  | 4.09     | 4.56     | 4.18     | 4.27       | 5.82    | ppb   |
| Iron       | 57-2  | 127.55   | 123.32   | 126.08   | 125.65     | 1.71    | ppb   |
| Lead       | 206-1 | 0.04     | 0.04     | 0.04     | 0.04       | 1.46    | ppb   |
| Lead       | 207-1 | 0.05     | 0.03     | 0.04     | 0.04       | 35.66   | ppb   |
| Lead       | 208-1 | 0.04     | 0.04     | 0.04     | 0.04       | 11.06   | ppb   |
| Lithium    | 6-1   |          |          |          | 120        |         | %     |
| Magnesium  | 24-2  | 25486.70 | 25189.68 | 25390.43 | 25355.60   | 0.60    | ppb   |
| Manganese  | 55-2  | 0.32     | 0.32     | 0.31     | 0.32       | 2.32    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4785-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | MBEAQ3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:48:15 | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.19      | 0.16      | 0.19      | 0.18       | 9.57    | ppb   |
| Molybdenum | 95-1  | 0.21      | 0.19      | 0.24      | 0.21       | 11.94   | ppb   |
| Molybdenum | 96-1  | 0.20      | 0.18      | 0.21      | 0.20       | 7.28    | ppb   |
| Molybdenum | 97-1  | 0.22      | 0.17      | 0.20      | 0.20       | 14.32   | ppb   |
| Molybdenum | 98-1  | 0.19      | 0.21      | 0.19      | 0.20       | 4.49    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 0.81      | 0.80      | 0.81      | 0.80       | 0.97    | ppb   |
| Phosphorus | 31-2  | -3.54     | 1.55      | -3.87     | -1.95      |         | ppb   |
| Potassium  | 39-2  | 3458.03   | 3414.30   | 3431.28   | 3434.54    | 0.64    | ppb   |
| Rhodium    | 103-1 |           |           |           | 110        |         | %     |
| Rhodium    | 103-2 |           |           |           | 111        |         | %     |
| Scandium   | 45-1  |           |           |           | 117        |         | %     |
| Scandium   | 45-2  |           |           |           | 116        |         | %     |
| Selenium   | 77-2  | 0.38      | 0.38      | 1.14      | 0.63       | 69.63   | ppb   |
| Selenium   | 78-2  | -0.11     | 0.55      | 0.64      | 0.36       | 113.80  | ppb   |
| Selenium   | 82-1  | 1.11      | 0.82      | 0.78      | 0.90       | 19.70   | ppb   |
| Silicon    | 28-1  | 8624.61   | 8648.01   | 8669.85   | 8647.49    | 0.26    | ppb   |
| Silver     | 109-1 | 0.07      | 0.08      | 0.08      | 0.08       | 8.64    | ppb   |
| Silver     | 107-1 | 0.05      | 0.07      | 0.06      | 0.06       | 15.88   | ppb   |
| Sodium     | 23-2  | 141491.64 | 140175.53 | 139276.55 | 140314.57  | 0.79    | ppb   |
| Strontium  | 86-1  | 206.88    | 204.77    | 207.68    | 206.44     | 0.73    | ppb   |
| Strontium  | 88-1  | 205.83    | 202.89    | 205.98    | 204.90     | 0.85    | ppb   |
| Sulfur     | 34-1  | 5762.61   | 5871.36   | 6068.39   | 5900.79    | 2.63    | ppb   |
| Terbium    | 159-1 |           |           |           | 115        |         | %     |
| Terbium    | 159-2 |           |           |           | 116        |         | %     |
| Thallium   | 203-1 | 0.05      | 0.05      | 0.06      | 0.05       | 13.17   | ppb   |
| Thallium   | 205-1 | 0.04      | 0.05      | 0.06      | 0.05       | 15.66   | ppb   |
| Thorium    | 232-1 | 0.01      | 0.01      | 0.01      | 0.01       | 2.46    | ppb   |
| Tin        | 118-1 | 0.13      | 0.14      | 0.18      | 0.15       | 18.00   | ppb   |
| Titanium   | 47-1  | 0.75      | 0.73      | 0.74      | 0.74       | 1.75    | ppb   |
| Uranium    | 238-1 | 0.64      | 0.63      | 0.65      | 0.64       | 1.83    | ppb   |
| Vanadium   | 51-2  | 0.73      | 0.70      | 0.70      | 0.71       | 2.38    | ppb   |
| Yttrium    | 89-1  |           |           |           | 116        |         | %     |
| Yttrium    | 89-2  |           |           |           | 116        |         | %     |
| Zinc       | 66-2  | 6.02      | 5.87      | 5.73      | 5.88       | 2.46    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4785-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | MBEAQ3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:48:15 | DataFile Name :   | 025SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.01    | 0.01    | 0.02    | 0.01       | 61.52   | ppb   |
| Zirconium | 91-1 | 0.00    | 0.01    | 0.00    | 0.00       | 107.45  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4785-01A           | Instrumnet Name : | P7        |
| Client Sample ID :      | MBEAQ2A             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:51:54 | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 21.67    | 22.12    | 24.85    | 22.88      | 7.53    | ppb   |
| Antimony   | 121-1 | 0.07     | 0.05     | 0.06     | 0.06       | 13.42   | ppb   |
| Arsenic    | 75-2  | 0.12     | 0.06     | 0.08     | 0.09       | 32.38   | ppb   |
| Barium     | 135-1 | 35.41    | 35.07    | 34.74    | 35.07      | 0.95    | ppb   |
| Barium     | 137-1 | 35.32    | 35.36    | 34.68    | 35.12      | 1.09    | ppb   |
| Beryllium  | 9-1   | 0.02     | 0.41     | 0.01     | 0.15       | 157.20  | ppb   |
| Bismuth    | 209-1 |          |          |          | 108        |         | %     |
| Bismuth    | 209-2 |          |          |          | 105        |         | %     |
| Boron      | 10-1  | 30.00    | 31.92    | 30.89    | 30.94      | 3.10    | ppb   |
| Boron      | 11-1  | 32.05    | 31.48    | 32.08    | 31.87      | 1.07    | ppb   |
| Cadmium    | 111-1 | -0.02    | -0.06    | -0.20    | -0.09      |         | ppb   |
| Cadmium    | 106-1 | -0.40    | -0.91    | -2.72    | -1.34      |         | ppb   |
| Cadmium    | 108-1 | -0.02    | 0.02     | -0.02    | -0.01      |         | ppb   |
| Calcium    | 43-1  | 65891.45 | 65101.41 | 65585.67 | 65526.18   | 0.61    | ppb   |
| Calcium    | 44-1  | 66046.31 | 65756.32 | 65756.79 | 65853.14   | 0.25    | ppb   |
| Chromium   | 52-2  | 0.58     | 0.59     | 0.57     | 0.58       | 1.77    | ppb   |
| Cobalt     | 59-2  | 0.11     | 0.10     | 0.09     | 0.10       | 9.85    | ppb   |
| Copper     | 63-2  | 0.89     | 0.89     | 0.91     | 0.90       | 1.42    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 115        |         | %     |
| Holmium    | 165-2 |          |          |          | 112        |         | %     |
| Indium     | 115-1 |          |          |          | 113        |         | %     |
| Indium     | 115-2 |          |          |          | 111        |         | %     |
| Iron       | 56-2  | 4.43     | 4.78     | 4.69     | 4.63       | 3.92    | ppb   |
| Iron       | 57-2  | 117.23   | 125.19   | 117.80   | 120.07     | 3.70    | ppb   |
| Lead       | 206-1 | 0.10     | 0.09     | 0.09     | 0.09       | 6.83    | ppb   |
| Lead       | 207-1 | 0.10     | 0.09     | 0.10     | 0.09       | 4.23    | ppb   |
| Lead       | 208-1 | 0.10     | 0.08     | 0.09     | 0.09       | 6.88    | ppb   |
| Lithium    | 6-1   |          |          |          | 120        |         | %     |
| Magnesium  | 24-2  | 25340.82 | 25323.09 | 25219.67 | 25294.53   | 0.26    | ppb   |
| Manganese  | 55-2  | 0.43     | 0.42     | 0.39     | 0.41       | 4.46    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4785-01A           | Instrumnet Name : | P7        |
| Client Sample ID :      | MBEAQ2A             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:51:54 | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.16      | 0.14      | 0.16      | 0.15       | 6.07    | ppb   |
| Molybdenum | 95-1  | 0.16      | 0.19      | 0.20      | 0.18       | 12.75   | ppb   |
| Molybdenum | 96-1  | 0.22      | 0.17      | 0.19      | 0.19       | 11.93   | ppb   |
| Molybdenum | 97-1  | 0.17      | 0.19      | 0.16      | 0.18       | 9.15    | ppb   |
| Molybdenum | 98-1  | 0.17      | 0.20      | 0.18      | 0.19       | 8.38    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 0.96      | 0.91      | 1.00      | 0.96       | 4.52    | ppb   |
| Phosphorus | 31-2  | 2.43      | 1.15      | -7.32     | -1.25      |         | ppb   |
| Potassium  | 39-2  | 3389.63   | 3393.91   | 3403.43   | 3395.66    | 0.21    | ppb   |
| Rhodium    | 103-1 |           |           |           | 110        |         | %     |
| Rhodium    | 103-2 |           |           |           | 108        |         | %     |
| Scandium   | 45-1  |           |           |           | 117        |         | %     |
| Scandium   | 45-2  |           |           |           | 113        |         | %     |
| Selenium   | 77-2  | 9.76      | 8.98      | 14.72     | 11.15      | 27.94   | ppb   |
| Selenium   | 78-2  | 10.79     | 9.12      | 11.59     | 10.50      | 12.03   | ppb   |
| Selenium   | 82-1  | 11.42     | 11.27     | 11.69     | 11.46      | 1.85    | ppb   |
| Silicon    | 28-1  | 8484.66   | 8545.08   | 8587.08   | 8538.94    | 0.60    | ppb   |
| Silver     | 109-1 | 0.06      | 0.07      | 0.07      | 0.07       | 12.47   | ppb   |
| Silver     | 107-1 | 0.06      | 0.07      | 0.07      | 0.07       | 13.02   | ppb   |
| Sodium     | 23-2  | 139172.47 | 139056.80 | 139408.71 | 139212.66  | 0.13    | ppb   |
| Strontium  | 86-1  | 204.41    | 203.27    | 204.02    | 203.90     | 0.28    | ppb   |
| Strontium  | 88-1  | 202.82    | 203.07    | 201.92    | 202.60     | 0.30    | ppb   |
| Sulfur     | 34-1  | 5835.54   | 5808.26   | 5985.65   | 5876.48    | 1.63    | ppb   |
| Terbium    | 159-1 |           |           |           | 114        |         | %     |
| Terbium    | 159-2 |           |           |           | 113        |         | %     |
| Thallium   | 203-1 | 0.02      | 0.03      | 0.02      | 0.02       | 27.58   | ppb   |
| Thallium   | 205-1 | 0.02      | 0.02      | 0.02      | 0.02       | 2.51    | ppb   |
| Thorium    | 232-1 | 0.01      | 0.01      | 0.01      | 0.01       | 10.42   | ppb   |
| Tin        | 118-1 | 0.14      | 0.14      | 0.13      | 0.14       | 2.65    | ppb   |
| Titanium   | 47-1  | 0.77      | 0.67      | 0.77      | 0.73       | 7.98    | ppb   |
| Uranium    | 238-1 | 0.64      | 0.63      | 0.63      | 0.63       | 0.99    | ppb   |
| Vanadium   | 51-2  | 0.79      | 0.70      | 0.75      | 0.75       | 6.41    | ppb   |
| Yttrium    | 89-1  |           |           |           | 115        |         | %     |
| Yttrium    | 89-2  |           |           |           | 113        |         | %     |
| Zinc       | 66-2  | 14.03     | 13.82     | 14.31     | 14.05      | 1.73    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4785-01A           | Instrumnet Name : | P7        |
| Client Sample ID :      | MBEAQ2A             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:51:54 | DataFile Name :   | 026SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.01    | 0.01    | 0.02    | 0.01       | 41.83   | ppb   |
| Zirconium | 91-1 | 0.00    | 0.03    | 0.00    | 0.01       | 186.92  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4785-01LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | MBEAQ2L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-09-07 17:00:43 | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 5.20     | 4.62     | 5.90     | 5.24       | 12.26   | ppb   |
| Antimony   | 121-1 | 0.01     | 0.01     | 0.00     | 0.01       | 53.87   | ppb   |
| Arsenic    | 75-2  | 0.02     | 0.02     | 0.02     | 0.02       | 19.45   | ppb   |
| Barium     | 135-1 | 7.44     | 7.83     | 7.46     | 7.58       | 2.93    | ppb   |
| Barium     | 137-1 | 7.64     | 7.72     | 7.59     | 7.65       | 0.85    | ppb   |
| Beryllium  | 9-1   | 0.03     | 0.05     | 0.02     | 0.03       | 48.70   | ppb   |
| Bismuth    | 209-1 |          |          |          | 103        |         | %     |
| Bismuth    | 209-2 |          |          |          | 102        |         | %     |
| Boron      | 10-1  | 7.88     | 8.68     | 8.16     | 8.24       | 4.90    | ppb   |
| Boron      | 11-1  | 7.86     | 8.07     | 8.16     | 8.03       | 1.89    | ppb   |
| Cadmium    | 111-1 | -0.14    | -0.06    | -0.23    | -0.14      |         | ppb   |
| Cadmium    | 106-1 | -1.95    | -0.79    | -3.08    | -1.94      |         | ppb   |
| Cadmium    | 108-1 | -0.09    | -0.02    | -0.04    | -0.05      |         | ppb   |
| Calcium    | 43-1  | 13382.24 | 13333.32 | 13234.41 | 13316.66   | 0.57    | ppb   |
| Calcium    | 44-1  | 13319.94 | 13414.07 | 13305.18 | 13346.40   | 0.44    | ppb   |
| Chromium   | 52-2  | 0.20     | 0.18     | 0.22     | 0.20       | 9.55    | ppb   |
| Cobalt     | 59-2  | 0.17     | 0.20     | 0.19     | 0.19       | 8.53    | ppb   |
| Copper     | 63-2  | 0.49     | 0.57     | 0.47     | 0.51       | 11.12   | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 107        |         | %     |
| Holmium    | 165-2 |          |          |          | 105        |         | %     |
| Indium     | 115-1 |          |          |          | 105        |         | %     |
| Indium     | 115-2 |          |          |          | 104        |         | %     |
| Iron       | 56-2  | 1.32     | 1.38     | 1.39     | 1.37       | 2.70    | ppb   |
| Iron       | 57-2  | 26.26    | 26.14    | 25.63    | 26.01      | 1.28    | ppb   |
| Lead       | 206-1 | 0.14     | 0.12     | 0.11     | 0.12       | 9.31    | ppb   |
| Lead       | 207-1 | 0.15     | 0.13     | 0.11     | 0.13       | 15.22   | ppb   |
| Lead       | 208-1 | 0.15     | 0.12     | 0.11     | 0.13       | 14.12   | ppb   |
| Lithium    | 6-1   |          |          |          | 108        |         | %     |
| Magnesium  | 24-2  | 5045.43  | 5080.20  | 5052.39  | 5059.34    | 0.36    | ppb   |
| Manganese  | 55-2  | 0.25     | 0.48     | 0.18     | 0.30       | 52.71   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4785-01LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | MBEAQ2L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-09-07 17:00:43 | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.06     | 0.07     | 0.05     | 0.06       | 22.70   | ppb   |
| Molybdenum | 95-1  | 0.07     | 0.05     | 0.06     | 0.06       | 13.10   | ppb   |
| Molybdenum | 96-1  | 0.05     | 0.05     | 0.06     | 0.05       | 7.81    | ppb   |
| Molybdenum | 97-1  | 0.09     | 0.06     | 0.05     | 0.07       | 30.33   | ppb   |
| Molybdenum | 98-1  | 0.07     | 0.05     | 0.06     | 0.06       | 10.46   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.40     | 0.42     | 0.33     | 0.38       | 11.21   | ppb   |
| Phosphorus | 31-2  | 4.10     | -8.16    | -14.53   | -6.20      |         | ppb   |
| Potassium  | 39-2  | 690.34   | 675.67   | 694.89   | 686.97     | 1.46    | ppb   |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Rhodium    | 103-2 |          |          |          | 104        |         | %     |
| Scandium   | 45-1  |          |          |          | 106        |         | %     |
| Scandium   | 45-2  |          |          |          | 104        |         | %     |
| Selenium   | 77-2  | 0.42     | 0.42     | 0.83     | 0.56       | 42.01   | ppb   |
| Selenium   | 78-2  | 0.47     | 0.19     | -0.35    | 0.10       | 407.18  | ppb   |
| Selenium   | 82-1  | 0.25     | -0.07    | -0.03    | 0.05       | 350.71  | ppb   |
| Silicon    | 28-1  | 1723.79  | 1740.84  | 1706.46  | 1723.70    | 1.00    | ppb   |
| Silver     | 109-1 | 0.04     | 0.03     | 0.03     | 0.03       | 11.89   | ppb   |
| Silver     | 107-1 | 0.03     | 0.03     | 0.02     | 0.03       | 21.03   | ppb   |
| Sodium     | 23-2  | 28273.91 | 28176.64 | 28058.91 | 28169.82   | 0.38    | ppb   |
| Strontium  | 86-1  | 40.78    | 41.43    | 41.71    | 41.31      | 1.15    | ppb   |
| Strontium  | 88-1  | 40.63    | 41.07    | 40.80    | 40.84      | 0.54    | ppb   |
| Sulfur     | 34-1  | 1041.55  | 1047.97  | 888.71   | 992.74     | 9.08    | ppb   |
| Terbium    | 159-1 |          |          |          | 106        |         | %     |
| Terbium    | 159-2 |          |          |          | 106        |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.01     | 0.01       | 33.59   | ppb   |
| Thallium   | 205-1 | 0.00     | 0.01     | 0.01     | 0.01       | 37.18   | ppb   |
| Thorium    | 232-1 | 0.02     | 0.03     | 0.02     | 0.02       | 7.75    | ppb   |
| Tin        | 118-1 | -0.01    | -0.02    | -0.02    | -0.01      |         | ppb   |
| Titanium   | 47-1  | 0.07     | 0.09     | 0.19     | 0.12       | 54.22   | ppb   |
| Uranium    | 238-1 | 0.13     | 0.12     | 0.12     | 0.12       | 7.45    | ppb   |
| Vanadium   | 51-2  | 0.26     | 0.30     | 0.30     | 0.28       | 8.79    | ppb   |
| Yttrium    | 89-1  |          |          |          | 106        |         | %     |
| Yttrium    | 89-2  |          |          |          | 104        |         | %     |
| Zinc       | 66-2  | 5.84     | 6.20     | 5.79     | 5.94       | 3.80    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4785-01LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | MBEAQ2L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-09-07 17:00:43 | DataFile Name :   | 027SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | -0.01   | 0.00    | 0.01    | 0.00       |         | ppb   |
| Zirconium | 91-1 | 0.00    | -0.02   | 0.01    | -0.01      |         | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB97843             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV089              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV089              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-09-07 17:08:50 | DataFile Name :   | 029CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 53771.77  | 54135.17  | 52528.64  | 53478.52   | 1.58    | ppb   |
| Antimony   | 121-1 | 495.49    | 500.74    | 495.94    | 497.39     | 0.59    | ppb   |
| Arsenic    | 75-2  | 508.12    | 512.79    | 493.57    | 504.83     | 1.99    | ppb   |
| Barium     | 135-1 | 2519.59   | 2539.17   | 2502.50   | 2520.42    | 0.73    | ppb   |
| Barium     | 137-1 | 2520.00   | 2540.84   | 2514.95   | 2525.26    | 0.54    | ppb   |
| Beryllium  | 9-1   | 501.42    | 496.04    | 501.84    | 499.77     | 0.65    | ppb   |
| Bismuth    | 209-1 |           |           |           | 92         |         | %     |
| Bismuth    | 209-2 |           |           |           | 87         |         | %     |
| Boron      | 10-1  | 490.61    | 493.98    | 507.07    | 497.22     | 1.75    | ppb   |
| Boron      | 11-1  | 491.45    | 496.78    | 506.69    | 498.31     | 1.55    | ppb   |
| Cadmium    | 111-1 | 486.63    | 492.60    | 486.93    | 488.72     | 0.69    | ppb   |
| Cadmium    | 106-1 | 499.04    | 493.22    | 487.38    | 493.21     | 1.18    | ppb   |
| Cadmium    | 108-1 | 485.29    | 489.68    | 493.78    | 489.58     | 0.87    | ppb   |
| Calcium    | 43-1  | 238280.72 | 238215.84 | 239095.18 | 238530.58  | 0.21    | ppb   |
| Calcium    | 44-1  | 238785.51 | 241084.98 | 240344.15 | 240071.55  | 0.49    | ppb   |
| Chromium   | 52-2  | 528.41    | 535.96    | 517.69    | 527.35     | 1.74    | ppb   |
| Cobalt     | 59-2  | 499.82    | 512.28    | 493.46    | 501.85     | 1.91    | ppb   |
| Copper     | 63-2  | 989.45    | 1005.92   | 964.32    | 986.57     | 2.12    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 103        |         | %     |
| Holmium    | 165-2 |           |           |           | 99         |         | %     |
| Indium     | 115-1 |           |           |           | 97         |         | %     |
| Indium     | 115-2 |           |           |           | 95         |         | %     |
| Iron       | 56-2  | 130172.36 | 130711.84 | 126347.13 | 129077.11  | 1.84    | ppb   |
| Iron       | 57-2  | 129177.46 | 131467.25 | 126725.44 | 129123.38  | 1.84    | ppb   |
| Lead       | 206-1 | 515.34    | 512.86    | 507.83    | 512.01     | 0.75    | ppb   |
| Lead       | 207-1 | 516.35    | 514.16    | 507.36    | 512.63     | 0.91    | ppb   |
| Lead       | 208-1 | 515.07    | 513.48    | 505.25    | 511.27     | 1.03    | ppb   |
| Lithium    | 6-1   |           |           |           | 101        |         | %     |
| Magnesium  | 24-2  | 255183.28 | 259300.86 | 251194.56 | 255226.24  | 1.59    | ppb   |
| Manganese  | 55-2  | 1021.52   | 1033.45   | 998.76    | 1017.91    | 1.73    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB97843             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV089              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV089              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-09-07 17:08:50 | DataFile Name :   | 029CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 2522.48   | 2548.91   | 2499.86   | 2523.75    | 0.97    | ppb   |
| Molybdenum | 95-1  | 2502.67   | 2540.66   | 2486.58   | 2509.97    | 1.11    | ppb   |
| Molybdenum | 96-1  | 2485.80   | 2522.82   | 2498.21   | 2502.28    | 0.75    | ppb   |
| Molybdenum | 97-1  | 2490.71   | 2533.00   | 2506.96   | 2510.23    | 0.85    | ppb   |
| Molybdenum | 98-1  | 2500.37   | 2518.05   | 2516.94   | 2511.78    | 0.39    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 515.83    | 522.48    | 503.42    | 513.91     | 1.88    | ppb   |
| Phosphorus | 31-2  | 10371.71  | 10328.41  | 10060.14  | 10253.42   | 1.65    | ppb   |
| Potassium  | 39-2  | 125185.52 | 127399.04 | 122720.35 | 125101.64  | 1.87    | ppb   |
| Rhodium    | 103-1 |           |           |           | 93         |         | %     |
| Rhodium    | 103-2 |           |           |           | 90         |         | %     |
| Scandium   | 45-1  |           |           |           | 102        |         | %     |
| Scandium   | 45-2  |           |           |           | 99         |         | %     |
| Selenium   | 77-2  | 509.33    | 489.51    | 477.02    | 491.95     | 3.31    | ppb   |
| Selenium   | 78-2  | 495.30    | 509.92    | 475.81    | 493.68     | 3.47    | ppb   |
| Selenium   | 82-1  | 471.46    | 476.65    | 477.73    | 475.28     | 0.71    | ppb   |
| Silicon    | 28-1  | 558.00    | 554.93    | 566.62    | 559.85     | 1.08    | ppb   |
| Silver     | 109-1 | 485.16    | 486.46    | 482.61    | 484.74     | 0.40    | ppb   |
| Silver     | 107-1 | 483.81    | 488.33    | 486.01    | 486.05     | 0.47    | ppb   |
| Sodium     | 23-2  | 255308.64 | 259505.69 | 250929.79 | 255248.04  | 1.68    | ppb   |
| Strontium  | 86-1  | 499.31    | 506.39    | 506.81    | 504.17     | 0.84    | ppb   |
| Strontium  | 88-1  | 501.95    | 505.27    | 505.68    | 504.30     | 0.41    | ppb   |
| Sulfur     | 34-1  | 10281.91  | 10129.19  | 10329.10  | 10246.74   | 1.02    | ppb   |
| Terbium    | 159-1 |           |           |           | 102        |         | %     |
| Terbium    | 159-2 |           |           |           | 98         |         | %     |
| Thallium   | 203-1 | 515.64    | 509.93    | 514.26    | 513.27     | 0.58    | ppb   |
| Thallium   | 205-1 | 517.21    | 512.78    | 508.82    | 512.94     | 0.82    | ppb   |
| Thorium    | 232-1 | 515.65    | 516.64    | 509.83    | 514.04     | 0.72    | ppb   |
| Tin        | 118-1 | 504.41    | 505.90    | 501.69    | 504.00     | 0.42    | ppb   |
| Titanium   | 47-1  | 2527.49   | 2534.23   | 2528.70   | 2530.14    | 0.14    | ppb   |
| Uranium    | 238-1 | 517.29    | 512.43    | 510.00    | 513.24     | 0.72    | ppb   |
| Vanadium   | 51-2  | 525.78    | 529.89    | 511.44    | 522.37     | 1.85    | ppb   |
| Yttrium    | 89-1  |           |           |           | 102        |         | %     |
| Yttrium    | 89-2  |           |           |           | 99         |         | %     |
| Zinc       | 66-2  | 958.94    | 977.89    | 936.45    | 957.76     | 2.17    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB97843             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV089              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV089              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-09-07 17:08:50 | DataFile Name :   | 029CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 505.50  | 508.05  | 504.42  | 505.99     | 0.37    | ppb   |
| Zirconium | 91-1 | 498.52  | 507.39  | 501.53  | 502.48     | 0.90    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB089              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB089              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 17:15:12 | DataFile Name :   | 030CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.59    | 1.00    | 0.34    | 0.64       | 52.05   | ppb   |
| Antimony   | 121-1 | 0.08    | 0.07    | 0.08    | 0.08       | 9.92    | ppb   |
| Arsenic    | 75-2  | 0.04    | 0.01    | 0.01    | 0.02       | 121.11  | ppb   |
| Barium     | 135-1 | 0.03    | 0.02    | 0.05    | 0.03       | 41.44   | ppb   |
| Barium     | 137-1 | 0.04    | 0.03    | 0.02    | 0.03       | 33.03   | ppb   |
| Beryllium  | 9-1   | 0.05    | 0.05    | 0.06    | 0.05       | 5.18    | ppb   |
| Bismuth    | 209-1 |         |         |         | 103        |         | %     |
| Bismuth    | 209-2 |         |         |         | 102        |         | %     |
| Boron      | 10-1  | 7.82    | 7.90    | 7.10    | 7.61       | 5.74    | ppb   |
| Boron      | 11-1  | 8.01    | 7.72    | 7.67    | 7.80       | 2.41    | ppb   |
| Cadmium    | 111-1 | -0.03   | -0.12   | -0.13   | -0.09      |         | ppb   |
| Cadmium    | 106-1 | -0.60   | -1.79   | -1.77   | -1.39      |         | ppb   |
| Cadmium    | 108-1 | -0.04   | 0.00    | 0.05    | 0.00       | 1383.61 | ppb   |
| Calcium    | 43-1  | 2.22    | 4.63    | 2.49    | 3.11       | 42.47   | ppb   |
| Calcium    | 44-1  | 3.88    | 4.34    | 4.05    | 4.09       | 5.71    | ppb   |
| Chromium   | 52-2  | -0.04   | 0.02    | 0.01    | 0.00       |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.00    | 0.00    | 0.01       | 114.35  | ppb   |
| Copper     | 63-2  | 0.02    | 0.01    | -0.01   | 0.01       | 283.46  | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 105        |         | %     |
| Holmium    | 165-2 |         |         |         | 104        |         | %     |
| Indium     | 115-1 |         |         |         | 105        |         | %     |
| Indium     | 115-2 |         |         |         | 104        |         | %     |
| Iron       | 56-2  | 2.60    | 2.10    | 1.84    | 2.18       | 17.80   | ppb   |
| Iron       | 57-2  | 1.59    | 1.24    | 0.53    | 1.12       | 48.20   | ppb   |
| Lead       | 206-1 | 0.05    | 0.06    | 0.05    | 0.05       | 13.02   | ppb   |
| Lead       | 207-1 | 0.04    | 0.07    | 0.04    | 0.05       | 28.99   | ppb   |
| Lead       | 208-1 | 0.05    | 0.06    | 0.05    | 0.05       | 16.84   | ppb   |
| Lithium    | 6-1   |         |         |         | 107        |         | %     |
| Magnesium  | 24-2  | 4.02    | 3.86    | 4.12    | 4.00       | 3.30    | ppb   |
| Manganese  | 55-2  | 0.02    | 0.02    | 0.01    | 0.02       | 60.82   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB089              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB089              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 17:15:12 | DataFile Name :   | 030CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.38    | 0.37    | 0.36    | 0.37       | 3.70    | ppb   |
| Molybdenum | 95-1  | 0.48    | 0.46    | 0.41    | 0.45       | 8.06    | ppb   |
| Molybdenum | 96-1  | 0.48    | 0.44    | 0.44    | 0.45       | 4.44    | ppb   |
| Molybdenum | 97-1  | 0.47    | 0.47    | 0.44    | 0.46       | 4.31    | ppb   |
| Molybdenum | 98-1  | 0.46    | 0.42    | 0.42    | 0.43       | 5.87    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.01    | 0.01    | 0.01    | 0.01       | 38.99   | ppb   |
| Phosphorus | 31-2  | -8.44   | 5.28    | -4.11   | -2.42      |         | ppb   |
| Potassium  | 39-2  | 1.61    | 2.82    | 1.03    | 1.82       | 50.24   | ppb   |
| Rhodium    | 103-1 |         |         |         | 104        |         | %     |
| Rhodium    | 103-2 |         |         |         | 105        |         | %     |
| Scandium   | 45-1  |         |         |         | 106        |         | %     |
| Scandium   | 45-2  |         |         |         | 105        |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.42    | 0.14       | 173.21  | ppb   |
| Selenium   | 78-2  | 0.23    | -0.18   | -0.61   | -0.18      |         | ppb   |
| Selenium   | 82-1  | 0.07    | -0.33   | -0.12   | -0.13      |         | ppb   |
| Silicon    | 28-1  | 12.02   | 11.70   | 11.81   | 11.84      | 1.39    | ppb   |
| Silver     | 109-1 | 0.02    | 0.03    | 0.02    | 0.02       | 13.21   | ppb   |
| Silver     | 107-1 | 0.02    | 0.02    | 0.02    | 0.02       | 9.95    | ppb   |
| Sodium     | 23-2  | 16.96   | 17.69   | 16.61   | 17.09      | 3.23    | ppb   |
| Strontium  | 86-1  | -0.05   | 0.02    | -0.02   | -0.02      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.01    | 0.01    | 0.01       | 46.17   | ppb   |
| Sulfur     | 34-1  | -507.23 | -501.26 | -602.89 | -537.12    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 105        |         | %     |
| Terbium    | 159-2 |         |         |         | 105        |         | %     |
| Thallium   | 203-1 | 0.05    | 0.06    | 0.05    | 0.05       | 9.24    | ppb   |
| Thallium   | 205-1 | 0.07    | 0.06    | 0.06    | 0.06       | 12.40   | ppb   |
| Thorium    | 232-1 | 0.08    | 0.09    | 0.09    | 0.09       | 5.94    | ppb   |
| Tin        | 118-1 | -0.01   | 0.01    | -0.02   | -0.01      |         | ppb   |
| Titanium   | 47-1  | -0.03   | 0.01    | 0.04    | 0.01       | 499.35  | ppb   |
| Uranium    | 238-1 | 0.01    | 0.00    | 0.01    | 0.01       | 31.94   | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.01    | 0.01    | 0.01       | 6.29    | ppb   |
| Yttrium    | 89-1  |         |         |         | 105        |         | %     |
| Yttrium    | 89-2  |         |         |         | 105        |         | %     |
| Zinc       | 66-2  | -0.17   | -0.12   | -0.10   | -0.13      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB089              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB089              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 17:15:12 | DataFile Name :   | 030CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.01    | 0.02    | 0.01    | 0.02       | 45.78   | ppb   |
| Zirconium | 91-1 | -0.01   | 0.02    | 0.01    | 0.01       | 319.25  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 14:52:09 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 33       | 92       | 83       | 69       | 45.43  | cps   |
| Antimony   | 121-1 | 25       | 42       | 50       | 39       | 32.73  | cps   |
| Arsenic    | 75-2  | 9        | 6        | 2        | 6        | 66.68  | cps   |
| Barium     | 135-1 | 50       | 42       | 33       | 42       | 20.00  | cps   |
| Barium     | 137-1 | 50       | 67       | 75       | 64       | 19.92  | cps   |
| Beryllium  | 9-1   | 56       | 33       | 33       | 41       | 31.50  | cps   |
| Bismuth    | 209-1 | 11472763 | 11271854 | 11181461 | 11308693 | 1.32   | cps   |
| Bismuth    | 209-2 | 6478939  | 6509264  | 6479648  | 6489284  | 0.27   | cps   |
| Boron      | 10-1  | 350      | 425      | 442      | 406      | 12.04  | cps   |
| Boron      | 11-1  | 1975     | 2067     | 1850     | 1964     | 5.54   | cps   |
| Cadmium    | 111-1 | 3423     | 3309     | 3382     | 3372     | 1.71   | cps   |
| Cadmium    | 106-1 | 4901     | 4734     | 4843     | 4826     | 1.75   | cps   |
| Cadmium    | 108-1 | 17       | 13       | 17       | 15       | 15.76  | cps   |
| Calcium    | 43-1  | 217      | 267      | 217      | 233      | 12.37  | cps   |
| Calcium    | 44-1  | 7085     | 7144     | 7377     | 7202     | 2.14   | cps   |
| Chromium   | 52-2  | 513      | 453      | 573      | 513      | 11.69  | cps   |
| Cobalt     | 59-2  | 53       | 70       | 47       | 57       | 21.21  | cps   |
| Copper     | 63-2  | 1817     | 1823     | 1880     | 1840     | 1.89   | cps   |
| Dysprosium | 156-1 | 8        | 17       | 8        | 11       | 43.34  | cps   |
| Dysprosium | 156-2 | 3        | 0        | 7        | 3        | 100.05 | cps   |
| Erbium     | 164-1 | 67       | 67       | 33       | 56       | 34.65  | cps   |
| Erbium     | 164-2 | 33       | 37       | 33       | 34       | 5.60   | cps   |
| Gadolinium | 160-1 | 100      | 100      | 142      | 114      | 21.12  | cps   |
| Gadolinium | 160-2 | 143      | 250      | 170      | 188      | 29.56  | cps   |
| Holmium    | 165-1 | 16733359 | 16551717 | 16687473 | 16657516 | 0.57   | cps   |
| Holmium    | 165-2 | 8505616  | 8528111  | 8448733  | 8494153  | 0.48   | cps   |
| Indium     | 115-1 | 12982677 | 12742812 | 12639411 | 12788300 | 1.38   | cps   |
| Indium     | 115-2 | 2436151  | 2448512  | 2453156  | 2445940  | 0.36   | cps   |
| Iron       | 56-2  | 4712     | 4612     | 4690     | 4671     | 1.12   | cps   |
| Iron       | 57-2  | 289      | 233      | 272      | 265      | 10.77  | cps   |
| Lead       | 206-1 | 294      | 233      | 250      | 259      | 12.19  | cps   |
| Lead       | 207-1 | 267      | 167      | 217      | 217      | 23.08  | cps   |
| Lead       | 208-1 | 1106     | 833      | 1117     | 1019     | 15.76  | cps   |
| Lithium    | 6-1   | 4147152  | 4090655  | 4077006  | 4104938  | 0.91   | cps   |
| Magnesium  | 24-2  | 208      | 208      | 242      | 219      | 8.77   | cps   |
| Manganese  | 55-2  | 27       | 57       | 23       | 36       | 51.64  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 14:52:09 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 333      | 317      | 417      | 356      | 15.07  | cps   |
| Molybdenum | 95-1  | 50       | 17       | 25       | 31       | 56.77  | cps   |
| Molybdenum | 96-1  | 192      | 117      | 83       | 131      | 42.50  | cps   |
| Molybdenum | 97-1  | 50       | 33       | 25       | 36       | 35.25  | cps   |
| Molybdenum | 98-1  | 167      | 100      | 58       | 108      | 50.44  | cps   |
| Neodymium  | 150-1 | 7        | 7        | 0        | 4        | 86.60  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 63       | 40       | 67       | 57       | 25.64  | cps   |
| Phosphorus | 31-2  | 192      | 175      | 83       | 150      | 38.89  | cps   |
| Potassium  | 39-2  | 20782    | 21224    | 21983    | 21330    | 2.85   | cps   |
| Rhodium    | 103-1 | 11953729 | 11738741 | 11612098 | 11768189 | 1.47   | cps   |
| Rhodium    | 103-2 | 5646112  | 5687880  | 5632377  | 5655456  | 0.51   | cps   |
| Scandium   | 45-1  | 8089571  | 7984297  | 7871580  | 7981816  | 1.37   | cps   |
| Scandium   | 45-2  | 359767   | 357760   | 358697   | 358741   | 0.28   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 65       | 61       | 80       | 69       | 14.30  | cps   |
| Selenium   | 82-1  | 45       | 46       | -13      | 26       | 131.08 | cps   |
| Silicon    | 28-1  | 386928   | 387420   | 390574   | 388307   | 0.51   | cps   |
| Silver     | 109-1 | 42       | 17       | 25       | 28       | 45.82  | cps   |
| Silver     | 107-1 | 158      | 117      | 92       | 122      | 27.56  | cps   |
| Sodium     | 23-2  | 24137    | 22392    | 22626    | 23052    | 4.11   | cps   |
| Strontium  | 86-1  | 825      | 642      | 758      | 742      | 12.51  | cps   |
| Strontium  | 88-1  | 217      | 125      | 233      | 192      | 30.43  | cps   |
| Sulfur     | 34-1  | 376512   | 381199   | 380602   | 379438   | 0.67   | cps   |
| Terbium    | 159-1 | 17267705 | 16906661 | 16883894 | 17019420 | 1.27   | cps   |
| Terbium    | 159-2 | 8333123  | 8357999  | 8347104  | 8346075  | 0.15   | cps   |
| Thallium   | 203-1 | 17       | 75       | 83       | 58       | 62.27  | cps   |
| Thallium   | 205-1 | 192      | 183      | 158      | 178      | 9.76   | cps   |
| Thorium    | 232-1 | 106      | 167      | 128      | 133      | 23.20  | cps   |
| Tin        | 118-1 | 1125     | 1058     | 1125     | 1103     | 3.49   | cps   |
| Titanium   | 47-1  | 200      | 108      | 67       | 125      | 54.57  | cps   |
| Uranium    | 238-1 | 67       | 42       | 33       | 47       | 36.74  | cps   |
| Vanadium   | 51-2  | 0        | 13       | 7        | 7        | 99.98  | cps   |
| Yttrium    | 89-1  | 13138400 | 12827729 | 12843429 | 12936519 | 1.35   | cps   |
| Yttrium    | 89-2  | 1847813  | 1854704  | 1859580  | 1854032  | 0.32   | cps   |
| Zinc       | 66-2  | 383      | 350      | 347      | 360      | 5.63   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 14:52:09 | DataFile Name :   | 003CALB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1058 | 1083 | 1192 | 1111    | 6.38   | cps   |
| Zirconium | 91-1 | 317  | 233  | 250  | 267     | 16.54  | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB97843             | Operator :        | Jaswal     |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S02                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-09-07 15:00:31 | DataFile Name :   | 005CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1650     | 1942     | 1967     | 1853     | 9.50   | cps   |
| Antimony   | 121-1 | 17578    | 17303    | 17470    | 17450    | 0.80   | cps   |
| Arsenic    | 75-2  | 313      | 333      | 285      | 311      | 7.78   | cps   |
| Barium     | 135-1 | 22477    | 22577    | 22427    | 22494    | 0.34   | cps   |
| Barium     | 137-1 | 40945    | 39240    | 39273    | 39819    | 2.45   | cps   |
| Beryllium  | 9-1   | 2573     | 2434     | 2345     | 2450     | 4.69   | cps   |
| Bismuth    | 209-1 | 11134426 | 11137517 | 11203682 | 11158542 | 0.35   | cps   |
| Bismuth    | 209-2 | 6501100  | 6477382  | 6501822  | 6493435  | 0.21   | cps   |
| Boron      | 10-1  | 7736     | 8586     | 8077     | 8133     | 5.26   | cps   |
| Boron      | 11-1  | 37690    | 38500    | 38667    | 38286    | 1.37   | cps   |
| Cadmium    | 111-1 | 5629     | 5910     | 5584     | 5708     | 3.09   | cps   |
| Cadmium    | 106-1 | 4984     | 4926     | 4776     | 4895     | 2.20   | cps   |
| Cadmium    | 108-1 | 229      | 204      | 163      | 199      | 16.96  | cps   |
| Calcium    | 43-1  | 13899    | 13590    | 13849    | 13779    | 1.20   | cps   |
| Calcium    | 44-1  | 233469   | 232883   | 233958   | 233436   | 0.23   | cps   |
| Chromium   | 52-2  | 6422     | 6341     | 6612     | 6458     | 2.15   | cps   |
| Cobalt     | 59-2  | 4547     | 4731     | 4521     | 4600     | 2.49   | cps   |
| Copper     | 63-2  | 9046     | 8689     | 8819     | 8852     | 2.04   | cps   |
| Dysprosium | 156-1 | 17       | 0        | 17       | 11       | 86.60  | cps   |
| Dysprosium | 156-2 | 10       | 7        | 7        | 8        | 24.71  | cps   |
| Erbium     | 164-1 | 42       | 67       | 58       | 56       | 22.91  | cps   |
| Erbium     | 164-2 | 27       | 27       | 17       | 23       | 24.74  | cps   |
| Gadolinium | 160-1 | 142      | 117      | 83       | 114      | 25.69  | cps   |
| Gadolinium | 160-2 | 183      | 203      | 200      | 196      | 5.48   | cps   |
| Holmium    | 165-1 | 16630820 | 16572723 | 16669518 | 16624354 | 0.29   | cps   |
| Holmium    | 165-2 | 8593129  | 8584707  | 8547378  | 8575071  | 0.28   | cps   |
| Indium     | 115-1 | 12789143 | 12755323 | 12775354 | 12773273 | 0.13   | cps   |
| Indium     | 115-2 | 2515707  | 2484820  | 2504868  | 2501799  | 0.63   | cps   |
| Iron       | 56-2  | 123621   | 124457   | 123431   | 123836   | 0.44   | cps   |
| Iron       | 57-2  | 3228     | 3128     | 3517     | 3291     | 6.14   | cps   |
| Lead       | 206-1 | 8397     | 8686     | 8275     | 8453     | 2.50   | cps   |
| Lead       | 207-1 | 7564     | 7397     | 7741     | 7567     | 2.28   | cps   |
| Lead       | 208-1 | 33484    | 33506    | 34730    | 33907    | 2.10   | cps   |
| Lithium    | 6-1   | 4195817  | 4191716  | 4202275  | 4196603  | 0.13   | cps   |
| Magnesium  | 24-2  | 112480   | 111882   | 111530   | 111964   | 0.43   | cps   |
| Manganese  | 55-2  | 1813     | 1810     | 1653     | 1759     | 5.20   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB97843             | Operator :        | Jaswal     |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S02                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-09-07 15:00:31 | DataFile Name :   | 005CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 18796    | 19063    | 19105    | 18988    | 0.88   | cps   |
| Molybdenum | 95-1  | 22426    | 22686    | 22994    | 22702    | 1.25   | cps   |
| Molybdenum | 96-1  | 25799    | 25198    | 24889    | 25295    | 1.83   | cps   |
| Molybdenum | 97-1  | 14324    | 13899    | 13807    | 14010    | 1.97   | cps   |
| Molybdenum | 98-1  | 36765    | 36623    | 35805    | 36398    | 1.42   | cps   |
| Neodymium  | 150-1 | 0        | 7        | 7        | 4        | 86.60  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 1347     | 1383     | 1420     | 1383     | 2.65   | cps   |
| Phosphorus | 31-2  | 175      | 150      | 167      | 164      | 7.77   | cps   |
| Potassium  | 39-2  | 122385   | 119948   | 122830   | 121721   | 1.27   | cps   |
| Rhodium    | 103-1 | 11692754 | 11731555 | 11801622 | 11741977 | 0.47   | cps   |
| Rhodium    | 103-2 | 5770201  | 5733311  | 5752745  | 5752086  | 0.32   | cps   |
| Scandium   | 45-1  | 8116478  | 8071480  | 8198253  | 8128737  | 0.79   | cps   |
| Scandium   | 45-2  | 364382   | 359118   | 363091   | 362197   | 0.76   | cps   |
| Selenium   | 77-2  | 53       | 37       | 57       | 49       | 21.91  | cps   |
| Selenium   | 78-2  | 178      | 224      | 202      | 201      | 11.51  | cps   |
| Selenium   | 82-1  | 958      | 856      | 827      | 881      | 7.83   | cps   |
| Silicon    | 28-1  | 489190   | 491339   | 492323   | 490951   | 0.33   | cps   |
| Silver     | 109-1 | 11714    | 11997    | 12022    | 11911    | 1.44   | cps   |
| Silver     | 107-1 | 12656    | 12031    | 12164    | 12284    | 2.68   | cps   |
| Sodium     | 23-2  | 237149   | 232567   | 234928   | 234881   | 0.98   | cps   |
| Strontium  | 86-1  | 3684     | 3834     | 3892     | 3803     | 2.83   | cps   |
| Strontium  | 88-1  | 26275    | 26759    | 26183    | 26406    | 1.17   | cps   |
| Sulfur     | 34-1  | 374094   | 375564   | 376544   | 375401   | 0.33   | cps   |
| Terbium    | 159-1 | 16899312 | 16890475 | 17023777 | 16937855 | 0.44   | cps   |
| Terbium    | 159-2 | 8548266  | 8423660  | 8467495  | 8479807  | 0.75   | cps   |
| Thallium   | 203-1 | 9779     | 9646     | 9104     | 9509     | 3.76   | cps   |
| Thallium   | 205-1 | 23355    | 24256    | 23714    | 23775    | 1.91   | cps   |
| Thorium    | 232-1 | 35437    | 34245    | 34624    | 34769    | 1.75   | cps   |
| Tin        | 118-1 | 39941    | 39440    | 39289    | 39556    | 0.86   | cps   |
| Titanium   | 47-1  | 7094     | 6794     | 7027     | 6971     | 2.26   | cps   |
| Uranium    | 238-1 | 35090    | 35366    | 33745    | 34733    | 2.50   | cps   |
| Vanadium   | 51-2  | 10801    | 10837    | 11078    | 10905    | 1.38   | cps   |
| Yttrium    | 89-1  | 12961125 | 12951107 | 13064820 | 12992351 | 0.48   | cps   |
| Yttrium    | 89-2  | 1888856  | 1879958  | 1887518  | 1885444  | 0.25   | cps   |
| Zinc       | 66-2  | 1423     | 1257     | 1350     | 1343     | 6.22   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 15:00:31 | DataFile Name :   | 005CALS.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 90-1 | 16710 | 16627 | 17378 | 16905   | 2.44   | cps   |
| Zirconium | 91-1 | 3926  | 3559  | 4009  | 3831    | 6.25   | cps   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB97843             | Operator :        | Jaswal     |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S03                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-09-07 15:04:25 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 98892    | 98230    | 100495   | 99206    | 1.17   | cps   |
| Antimony   | 121-1 | 464001   | 466008   | 468652   | 466221   | 0.50   | cps   |
| Arsenic    | 75-2  | 15427    | 15351    | 15349    | 15376    | 0.29   | cps   |
| Barium     | 135-1 | 584028   | 595078   | 592986   | 590697   | 0.99   | cps   |
| Barium     | 137-1 | 1027429  | 1041115  | 1037084  | 1035209  | 0.68   | cps   |
| Beryllium  | 9-1   | 121806   | 122815   | 122070   | 122230   | 0.43   | cps   |
| Bismuth    | 209-1 | 11144008 | 11214374 | 11120544 | 11159642 | 0.44   | cps   |
| Bismuth    | 209-2 | 6467602  | 6458491  | 6475074  | 6467056  | 0.13   | cps   |
| Boron      | 10-1  | 16668    | 17427    | 17803    | 17299    | 3.34   | cps   |
| Boron      | 11-1  | 77758    | 79425    | 81210    | 79465    | 2.17   | cps   |
| Cadmium    | 111-1 | 133514   | 134324   | 133292   | 133710   | 0.41   | cps   |
| Cadmium    | 106-1 | 19231    | 18604    | 18688    | 18841    | 1.80   | cps   |
| Cadmium    | 108-1 | 9512     | 9495     | 9641     | 9549     | 0.84   | cps   |
| Calcium    | 43-1  | 146434   | 146512   | 145738   | 146228   | 0.29   | cps   |
| Calcium    | 44-1  | 2347727  | 2358870  | 2367787  | 2358128  | 0.43   | cps   |
| Chromium   | 52-2  | 145984   | 146088   | 147929   | 146667   | 0.75   | cps   |
| Cobalt     | 59-2  | 241856   | 238987   | 240638   | 240494   | 0.60   | cps   |
| Copper     | 63-2  | 348694   | 345792   | 344422   | 346302   | 0.63   | cps   |
| Dysprosium | 156-1 | 33       | 33       | 17       | 28       | 34.63  | cps   |
| Dysprosium | 156-2 | 23       | 3        | 10       | 12       | 83.33  | cps   |
| Erbium     | 164-1 | 42       | 42       | 58       | 47       | 20.38  | cps   |
| Erbium     | 164-2 | 13       | 23       | 10       | 16       | 44.60  | cps   |
| Gadolinium | 160-1 | 92       | 50       | 100      | 81       | 33.25  | cps   |
| Gadolinium | 160-2 | 200      | 227      | 207      | 211      | 6.57   | cps   |
| Holmium    | 165-1 | 16622945 | 16843885 | 16658862 | 16708564 | 0.71   | cps   |
| Holmium    | 165-2 | 8615268  | 8641145  | 8626595  | 8627669  | 0.15   | cps   |
| Indium     | 115-1 | 12761699 | 12770938 | 12792460 | 12775032 | 0.12   | cps   |
| Indium     | 115-2 | 2510065  | 2501779  | 2503553  | 2505132  | 0.17   | cps   |
| Iron       | 56-2  | 6111779  | 6032243  | 6060611  | 6068211  | 0.66   | cps   |
| Iron       | 57-2  | 152517   | 148274   | 151012   | 150601   | 1.43   | cps   |
| Lead       | 206-1 | 409798   | 414679   | 414839   | 413105   | 0.69   | cps   |
| Lead       | 207-1 | 374244   | 377564   | 379926   | 377245   | 0.76   | cps   |
| Lead       | 208-1 | 1671001  | 1677154  | 1687000  | 1678385  | 0.48   | cps   |
| Lithium    | 6-1   | 4193434  | 4251580  | 4229017  | 4224677  | 0.69   | cps   |
| Magnesium  | 24-2  | 1148613  | 1149698  | 1147398  | 1148570  | 0.10   | cps   |
| Manganese  | 55-2  | 172083   | 170596   | 171338   | 171339   | 0.43   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB97843             | Operator :        | Jaswal     |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S03                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-09-07 15:04:25 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 950610   | 951439   | 948975   | 950341   | 0.13   | cps   |
| Molybdenum | 95-1  | 1159936  | 1162663  | 1164132  | 1162244  | 0.18   | cps   |
| Molybdenum | 96-1  | 1291917  | 1290533  | 1289471  | 1290640  | 0.10   | cps   |
| Molybdenum | 97-1  | 720429   | 722232   | 721527   | 721396   | 0.13   | cps   |
| Molybdenum | 98-1  | 1876128  | 1877126  | 1859717  | 1870991  | 0.52   | cps   |
| Neodymium  | 150-1 | 40       | 40       | 20       | 33       | 34.64  | cps   |
| Neodymium  | 150-2 | 13       | 3        | 3        | 7        | 86.65  | cps   |
| Nickel     | 60-2  | 65787    | 63848    | 64431    | 64689    | 1.54   | cps   |
| Phosphorus | 31-2  | 5543     | 6035     | 5635     | 5737     | 4.56   | cps   |
| Potassium  | 39-2  | 536560   | 538210   | 538332   | 537701   | 0.18   | cps   |
| Rhodium    | 103-1 | 11764416 | 11693457 | 11641440 | 11699771 | 0.53   | cps   |
| Rhodium    | 103-2 | 5724421  | 5708318  | 5708918  | 5713885  | 0.16   | cps   |
| Scandium   | 45-1  | 8095861  | 8186874  | 8117196  | 8133310  | 0.59   | cps   |
| Scandium   | 45-2  | 365603   | 364490   | 363454   | 364516   | 0.29   | cps   |
| Selenium   | 77-2  | 407      | 427      | 383      | 406      | 5.35   | cps   |
| Selenium   | 78-2  | 1413     | 1376     | 1398     | 1396     | 1.34   | cps   |
| Selenium   | 82-1  | 9233     | 9414     | 9167     | 9271     | 1.38   | cps   |
| Silicon    | 28-1  | 753336   | 753677   | 753069   | 753361   | 0.04   | cps   |
| Silver     | 109-1 | 601908   | 609636   | 609236   | 606927   | 0.72   | cps   |
| Silver     | 107-1 | 637901   | 633475   | 631328   | 634235   | 0.53   | cps   |
| Sodium     | 23-2  | 2202922  | 2204831  | 2217881  | 2208545  | 0.37   | cps   |
| Strontium  | 86-1  | 151957   | 152695   | 154067   | 152906   | 0.70   | cps   |
| Strontium  | 88-1  | 1321417  | 1329888  | 1321375  | 1324227  | 0.37   | cps   |
| Sulfur     | 34-1  | 430950   | 424006   | 428074   | 427677   | 0.82   | cps   |
| Terbium    | 159-1 | 16980785 | 17055479 | 17056390 | 17030885 | 0.25   | cps   |
| Terbium    | 159-2 | 8573617  | 8499373  | 8520509  | 8531166  | 0.45   | cps   |
| Thallium   | 203-1 | 498834   | 497056   | 513729   | 503206   | 1.82   | cps   |
| Thallium   | 205-1 | 1191292  | 1201757  | 1211670  | 1201573  | 0.85   | cps   |
| Thorium    | 232-1 | 1775759  | 1783324  | 1796331  | 1785138  | 0.58   | cps   |
| Tin        | 118-1 | 396679   | 401808   | 400497   | 399662   | 0.67   | cps   |
| Titanium   | 47-1  | 334387   | 335823   | 332098   | 334103   | 0.56   | cps   |
| Uranium    | 238-1 | 1764111  | 1744203  | 1760959  | 1756424  | 0.61   | cps   |
| Vanadium   | 51-2  | 117863   | 118017   | 117752   | 117877   | 0.11   | cps   |
| Yttrium    | 89-1  | 12939935 | 13064103 | 13098098 | 13034045 | 0.64   | cps   |
| Yttrium    | 89-2  | 1907703  | 1889304  | 1890122  | 1895710  | 0.55   | cps   |
| Zinc       | 66-2  | 51076    | 50226    | 50310    | 50537    | 0.93   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S03                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 15:04:25 | DataFile Name :   | 006CALS.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 90-1 | 797307 | 795064 | 792809 | 795060  | 0.28   | cps   |
| Zirconium | 91-1 | 179317 | 177672 | 176409 | 177799  | 0.82   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB97843             | Operator :        | Jaswal     |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S04                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-09-07 15:08:36 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 243983   | 246143   | 238880   | 243002   | 1.53   | cps   |
| Antimony   | 121-1 | 1172631  | 1174649  | 1168408  | 1171896  | 0.27   | cps   |
| Arsenic    | 75-2  | 39143    | 38998    | 38458    | 38867    | 0.93   | cps   |
| Barium     | 135-1 | 1474540  | 1472264  | 1474914  | 1473906  | 0.10   | cps   |
| Barium     | 137-1 | 2592177  | 2573679  | 2577783  | 2581213  | 0.38   | cps   |
| Beryllium  | 9-1   | 300817   | 302116   | 303261   | 302065   | 0.40   | cps   |
| Bismuth    | 209-1 | 11160944 | 11111775 | 11167210 | 11146643 | 0.27   | cps   |
| Bismuth    | 209-2 | 6434474  | 6474039  | 6386555  | 6431690  | 0.68   | cps   |
| Boron      | 10-1  | 42377    | 44676    | 42502    | 43185    | 2.99   | cps   |
| Boron      | 11-1  | 195904   | 200656   | 201096   | 199219   | 1.45   | cps   |
| Cadmium    | 111-1 | 322958   | 325921   | 328036   | 325638   | 0.78   | cps   |
| Cadmium    | 106-1 | 39046    | 39155    | 39874    | 39359    | 1.14   | cps   |
| Cadmium    | 108-1 | 23833    | 24480    | 24259    | 24190    | 1.36   | cps   |
| Calcium    | 43-1  | 367955   | 366641   | 373811   | 369469   | 1.03   | cps   |
| Calcium    | 44-1  | 5818320  | 5849441  | 5807776  | 5825179  | 0.37   | cps   |
| Chromium   | 52-2  | 366162   | 361586   | 360432   | 362727   | 0.84   | cps   |
| Cobalt     | 59-2  | 595006   | 591112   | 589647   | 591921   | 0.47   | cps   |
| Copper     | 63-2  | 851317   | 847251   | 844776   | 847781   | 0.39   | cps   |
| Dysprosium | 156-1 | 50       | 33       | 17       | 33       | 50.00  | cps   |
| Dysprosium | 156-2 | 27       | 37       | 17       | 27       | 37.50  | cps   |
| Erbium     | 164-1 | 67       | 33       | 50       | 50       | 33.34  | cps   |
| Erbium     | 164-2 | 20       | 10       | 27       | 19       | 44.42  | cps   |
| Gadolinium | 160-1 | 117      | 100      | 117      | 111      | 8.66   | cps   |
| Gadolinium | 160-2 | 197      | 237      | 203      | 212      | 10.10  | cps   |
| Holmium    | 165-1 | 16719586 | 16659145 | 16887207 | 16755313 | 0.71   | cps   |
| Holmium    | 165-2 | 8639956  | 8675871  | 8572322  | 8629383  | 0.61   | cps   |
| Indium     | 115-1 | 12703195 | 12679491 | 12726706 | 12703131 | 0.19   | cps   |
| Indium     | 115-2 | 2489419  | 2498471  | 2473384  | 2487091  | 0.51   | cps   |
| Iron       | 56-2  | 15266678 | 15108644 | 15021260 | 15132194 | 0.82   | cps   |
| Iron       | 57-2  | 377504   | 374259   | 373002   | 374922   | 0.62   | cps   |
| Lead       | 206-1 | 1020562  | 1023363  | 1029703  | 1024543  | 0.46   | cps   |
| Lead       | 207-1 | 929098   | 944442   | 944875   | 939471   | 0.96   | cps   |
| Lead       | 208-1 | 4154353  | 4172323  | 4180802  | 4169160  | 0.32   | cps   |
| Lithium    | 6-1   | 4184014  | 4173555  | 4194474  | 4184014  | 0.25   | cps   |
| Magnesium  | 24-2  | 2889013  | 2879502  | 2853440  | 2873985  | 0.64   | cps   |
| Manganese  | 55-2  | 423159   | 423418   | 424714   | 423764   | 0.20   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB97843             | Operator :        | Jaswal     |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S04                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-09-07 15:08:36 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 2370069  | 2364308  | 2353783  | 2362720  | 0.35   | cps   |
| Molybdenum | 95-1  | 2914104  | 2916424  | 2905382  | 2911970  | 0.20   | cps   |
| Molybdenum | 96-1  | 3234493  | 3205568  | 3204305  | 3214788  | 0.53   | cps   |
| Molybdenum | 97-1  | 1804960  | 1821779  | 1813714  | 1813484  | 0.46   | cps   |
| Molybdenum | 98-1  | 4672844  | 4711112  | 4681222  | 4688393  | 0.43   | cps   |
| Neodymium  | 150-1 | 127      | 140      | 160      | 142      | 11.80  | cps   |
| Neodymium  | 150-2 | 7        | 10       | 13       | 10       | 33.30  | cps   |
| Nickel     | 60-2  | 159069   | 159635   | 159146   | 159283   | 0.19   | cps   |
| Phosphorus | 31-2  | 13799    | 13532    | 14124    | 13818    | 2.15   | cps   |
| Potassium  | 39-2  | 1309749  | 1308862  | 1300604  | 1306405  | 0.39   | cps   |
| Rhodium    | 103-1 | 11578055 | 11497899 | 11707577 | 11594510 | 0.91   | cps   |
| Rhodium    | 103-2 | 5693654  | 5643987  | 5622799  | 5653480  | 0.64   | cps   |
| Scandium   | 45-1  | 8087849  | 8059933  | 8148482  | 8098755  | 0.56   | cps   |
| Scandium   | 45-2  | 360744   | 362912   | 359845   | 361167   | 0.44   | cps   |
| Selenium   | 77-2  | 1010     | 1090     | 1007     | 1036     | 4.56   | cps   |
| Selenium   | 78-2  | 3532     | 3454     | 3462     | 3483     | 1.23   | cps   |
| Selenium   | 82-1  | 22893    | 22840    | 23212    | 22982    | 0.88   | cps   |
| Silicon    | 28-1  | 1270805  | 1273922  | 1276215  | 1273647  | 0.21   | cps   |
| Silver     | 109-1 | 1497800  | 1497054  | 1510007  | 1501621  | 0.48   | cps   |
| Silver     | 107-1 | 1574040  | 1570527  | 1575993  | 1573520  | 0.18   | cps   |
| Sodium     | 23-2  | 5472686  | 5487287  | 5457810  | 5472594  | 0.27   | cps   |
| Strontium  | 86-1  | 378283   | 382532   | 379196   | 380004   | 0.59   | cps   |
| Strontium  | 88-1  | 3271352  | 3276682  | 3278255  | 3275430  | 0.11   | cps   |
| Sulfur     | 34-1  | 502959   | 502397   | 505635   | 503663   | 0.34   | cps   |
| Terbium    | 159-1 | 17087103 | 16945843 | 17277788 | 17103578 | 0.97   | cps   |
| Terbium    | 159-2 | 8567970  | 8548726  | 8431587  | 8516094  | 0.87   | cps   |
| Thallium   | 203-1 | 1253891  | 1266987  | 1267917  | 1262932  | 0.62   | cps   |
| Thallium   | 205-1 | 2965901  | 2967344  | 2993016  | 2975421  | 0.51   | cps   |
| Thorium    | 232-1 | 4454151  | 4496513  | 4484650  | 4478438  | 0.49   | cps   |
| Tin        | 118-1 | 1003898  | 992710   | 987360   | 994656   | 0.85   | cps   |
| Titanium   | 47-1  | 838230   | 839900   | 833303   | 837145   | 0.41   | cps   |
| Uranium    | 238-1 | 4335696  | 4370943  | 4375781  | 4360807  | 0.50   | cps   |
| Vanadium   | 51-2  | 295036   | 290409   | 291206   | 292217   | 0.85   | cps   |
| Yttrium    | 89-1  | 12998904 | 12920060 | 13028090 | 12982351 | 0.43   | cps   |
| Yttrium    | 89-2  | 1892296  | 1889659  | 1863103  | 1881686  | 0.86   | cps   |
| Zinc       | 66-2  | 122798   | 123254   | 122169   | 122741   | 0.44   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S04                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 15:08:36 | DataFile Name :   | 007CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 1980263 | 1986117 | 1978459 | 1981613 | 0.20   | cps   |
| Zirconium | 91-1 | 447267  | 450026  | 443766  | 447020  | 0.70   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB97843             | Operator :        | Jaswal     |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S05                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-09-07 15:12:25 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 469622   | 469768   | 471278   | 470223   | 0.20   | cps   |
| Antimony   | 121-1 | 2261567  | 2240491  | 2267276  | 2256445  | 0.63   | cps   |
| Arsenic    | 75-2  | 75111    | 75212    | 75517    | 75280    | 0.28   | cps   |
| Barium     | 135-1 | 2903404  | 2870443  | 2878908  | 2884252  | 0.59   | cps   |
| Barium     | 137-1 | 5060698  | 5031288  | 5040525  | 5044170  | 0.30   | cps   |
| Beryllium  | 9-1   | 578216   | 576129   | 580985   | 578444   | 0.42   | cps   |
| Bismuth    | 209-1 | 11098477 | 10913733 | 11003006 | 11005072 | 0.84   | cps   |
| Bismuth    | 209-2 | 6312090  | 6310525  | 6342701  | 6321772  | 0.29   | cps   |
| Boron      | 10-1  | 80071    | 79333    | 81998    | 80467    | 1.71   | cps   |
| Boron      | 11-1  | 375493   | 382915   | 384970   | 381126   | 1.31   | cps   |
| Cadmium    | 111-1 | 620358   | 623732   | 625317   | 623136   | 0.41   | cps   |
| Cadmium    | 106-1 | 71758    | 71807    | 70912    | 71492    | 0.70   | cps   |
| Cadmium    | 108-1 | 46384    | 45038    | 47016    | 46146    | 2.19   | cps   |
| Calcium    | 43-1  | 706174   | 695756   | 712716   | 704882   | 1.21   | cps   |
| Calcium    | 44-1  | 11298047 | 11072349 | 11306905 | 11225767 | 1.18   | cps   |
| Chromium   | 52-2  | 698964   | 699869   | 695805   | 698213   | 0.31   | cps   |
| Cobalt     | 59-2  | 1141056  | 1137726  | 1131399  | 1136727  | 0.43   | cps   |
| Copper     | 63-2  | 1619646  | 1610996  | 1611069  | 1613904  | 0.31   | cps   |
| Dysprosium | 156-1 | 67       | 50       | 58       | 58       | 14.29  | cps   |
| Dysprosium | 156-2 | 53       | 60       | 50       | 54       | 9.35   | cps   |
| Erbium     | 164-1 | 67       | 67       | 33       | 56       | 34.65  | cps   |
| Erbium     | 164-2 | 20       | 13       | 37       | 23       | 51.52  | cps   |
| Gadolinium | 160-1 | 92       | 125      | 133      | 117      | 18.90  | cps   |
| Gadolinium | 160-2 | 207      | 177      | 153      | 179      | 14.94  | cps   |
| Holmium    | 165-1 | 16768028 | 16505345 | 16588927 | 16620767 | 0.81   | cps   |
| Holmium    | 165-2 | 8515705  | 8592454  | 8657557  | 8588572  | 0.83   | cps   |
| Indium     | 115-1 | 12577507 | 12271626 | 12363320 | 12404151 | 1.27   | cps   |
| Indium     | 115-2 | 2423044  | 2435628  | 2435203  | 2431292  | 0.29   | cps   |
| Iron       | 56-2  | 29519977 | 29439956 | 29099518 | 29353150 | 0.76   | cps   |
| Iron       | 57-2  | 728030   | 726259   | 716662   | 723650   | 0.85   | cps   |
| Lead       | 206-1 | 1970862  | 1979006  | 1993560  | 1981143  | 0.58   | cps   |
| Lead       | 207-1 | 1815725  | 1822708  | 1848359  | 1828931  | 0.94   | cps   |
| Lead       | 208-1 | 8125176  | 8077308  | 8168708  | 8123731  | 0.56   | cps   |
| Lithium    | 6-1   | 4109961  | 4058526  | 4101878  | 4090121  | 0.68   | cps   |
| Magnesium  | 24-2  | 5571348  | 5535803  | 5515548  | 5540900  | 0.51   | cps   |
| Manganese  | 55-2  | 818962   | 820315   | 813037   | 817438   | 0.47   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB97843             | Operator :        | Jaswal     |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S05                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-09-07 15:12:25 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 4637627  | 4569495  | 4622236  | 4609786  | 0.78   | cps   |
| Molybdenum | 95-1  | 5678270  | 5602748  | 5635623  | 5638881  | 0.67   | cps   |
| Molybdenum | 96-1  | 6315262  | 6246565  | 6244193  | 6268673  | 0.64   | cps   |
| Molybdenum | 97-1  | 3550870  | 3522206  | 3545116  | 3539397  | 0.43   | cps   |
| Molybdenum | 98-1  | 9166941  | 9043813  | 9150024  | 9120259  | 0.73   | cps   |
| Neodymium  | 150-1 | 193      | 180      | 193      | 189      | 4.07   | cps   |
| Neodymium  | 150-2 | 33       | 13       | 23       | 23       | 42.86  | cps   |
| Nickel     | 60-2  | 305802   | 305345   | 302491   | 304546   | 0.59   | cps   |
| Phosphorus | 31-2  | 26942    | 25882    | 26491    | 26438    | 2.01   | cps   |
| Potassium  | 39-2  | 2505111  | 2479252  | 2510995  | 2498453  | 0.68   | cps   |
| Rhodium    | 103-1 | 11318507 | 11143028 | 11211170 | 11224235 | 0.79   | cps   |
| Rhodium    | 103-2 | 5485460  | 5487192  | 5496880  | 5489844  | 0.11   | cps   |
| Scandium   | 45-1  | 7907690  | 7762787  | 7835178  | 7835218  | 0.92   | cps   |
| Scandium   | 45-2  | 349155   | 350880   | 353339   | 351124   | 0.60   | cps   |
| Selenium   | 77-2  | 1934     | 2037     | 1994     | 1988     | 2.61   | cps   |
| Selenium   | 78-2  | 6498     | 6779     | 6427     | 6568     | 2.84   | cps   |
| Selenium   | 82-1  | 44096    | 43656    | 44104    | 43952    | 0.58   | cps   |
| Silicon    | 28-1  | 2037318  | 2024389  | 2032901  | 2031536  | 0.32   | cps   |
| Silver     | 109-1 | 2894795  | 2893989  | 2907627  | 2898803  | 0.26   | cps   |
| Silver     | 107-1 | 3038118  | 3021212  | 3033241  | 3030857  | 0.29   | cps   |
| Sodium     | 23-2  | 10622289 | 10564867 | 10518014 | 10568390 | 0.49   | cps   |
| Strontium  | 86-1  | 746783   | 731714   | 734256   | 737584   | 1.09   | cps   |
| Strontium  | 88-1  | 6409258  | 6376947  | 6372856  | 6386354  | 0.31   | cps   |
| Sulfur     | 34-1  | 609671   | 601405   | 601222   | 604099   | 0.80   | cps   |
| Terbium    | 159-1 | 17064496 | 16745146 | 16980504 | 16930048 | 0.98   | cps   |
| Terbium    | 159-2 | 8426494  | 8478372  | 8443793  | 8449553  | 0.31   | cps   |
| Thallium   | 203-1 | 2452194  | 2441724  | 2477178  | 2457032  | 0.74   | cps   |
| Thallium   | 205-1 | 5828551  | 5890224  | 5912217  | 5876997  | 0.74   | cps   |
| Thorium    | 232-1 | 8948635  | 8948661  | 9032938  | 8976745  | 0.54   | cps   |
| Tin        | 118-1 | 1915497  | 1894543  | 1905223  | 1905088  | 0.55   | cps   |
| Titanium   | 47-1  | 1606793  | 1589339  | 1602251  | 1599461  | 0.57   | cps   |
| Uranium    | 238-1 | 8619686  | 8619696  | 8732081  | 8657154  | 0.75   | cps   |
| Vanadium   | 51-2  | 567065   | 562692   | 563446   | 564401   | 0.41   | cps   |
| Yttrium    | 89-1  | 12836326 | 12606310 | 12789499 | 12744045 | 0.95   | cps   |
| Yttrium    | 89-2  | 1830034  | 1839893  | 1844354  | 1838094  | 0.40   | cps   |
| Zinc       | 66-2  | 234194   | 234930   | 234930   | 234684   | 0.18   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S05                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 15:12:25 | DataFile Name :   | 008CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 3883306 | 3833272 | 3901908 | 3872829 | 0.92   | cps   |
| Zirconium | 91-1 | 858813  | 848360  | 867895  | 858356  | 1.14   | cps   |

LB Number : LB97843 Operator : Jaswal  
 Lab Sample ID : S06 Instrumnet Name : P7  
 Client Sample ID : S06 Dilution Factor : 1  
 Date & Time Acquired :: 2018-09-07 15:16:12 DataFile Name : 009CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 937300   | 932494   | 926602   | 932132   | 0.57   | cps   |
| Antimony   | 121-1 | 4577432  | 4532435  | 4518105  | 4542657  | 0.68   | cps   |
| Arsenic    | 75-2  | 149213   | 149103   | 148145   | 148821   | 0.39   | cps   |
| Barium     | 135-1 | 5804509  | 5740523  | 5712325  | 5752452  | 0.82   | cps   |
| Barium     | 137-1 | 10117445 | 10078057 | 9987850  | 10061117 | 0.66   | cps   |
| Beryllium  | 9-1   | 1125426  | 1125620  | 1116502  | 1122516  | 0.46   | cps   |
| Bismuth    | 209-1 | 11048958 | 10968884 | 10893046 | 10970296 | 0.71   | cps   |
| Bismuth    | 209-2 | 6280696  | 6197894  | 6242718  | 6240436  | 0.66   | cps   |
| Boron      | 10-1  | 157108   | 160096   | 162404   | 159869   | 1.66   | cps   |
| Boron      | 11-1  | 733827   | 737836   | 745928   | 739197   | 0.83   | cps   |
| Cadmium    | 111-1 | 1214576  | 1216384  | 1204581  | 1211847  | 0.52   | cps   |
| Cadmium    | 106-1 | 137579   | 135249   | 134524   | 135784   | 1.18   | cps   |
| Cadmium    | 108-1 | 90230    | 90189    | 89535    | 89985    | 0.43   | cps   |
| Calcium    | 43-1  | 1391917  | 1389647  | 1369023  | 1383529  | 0.91   | cps   |
| Calcium    | 44-1  | 22319875 | 22031571 | 21957140 | 22102862 | 0.87   | cps   |
| Chromium   | 52-2  | 1374087  | 1382070  | 1372662  | 1376273  | 0.37   | cps   |
| Cobalt     | 59-2  | 2228190  | 2235792  | 2227972  | 2230651  | 0.20   | cps   |
| Copper     | 63-2  | 3177020  | 3148927  | 3147585  | 3157844  | 0.53   | cps   |
| Dysprosium | 156-1 | 108      | 133      | 100      | 114      | 15.23  | cps   |
| Dysprosium | 156-2 | 77       | 87       | 80       | 81       | 6.28   | cps   |
| Erbium     | 164-1 | 50       | 92       | 42       | 61       | 43.83  | cps   |
| Erbium     | 164-2 | 37       | 30       | 20       | 29       | 29.04  | cps   |
| Gadolinium | 160-1 | 100      | 100      | 83       | 94       | 10.19  | cps   |
| Gadolinium | 160-2 | 213      | 207      | 180      | 200      | 8.82   | cps   |
| Holmium    | 165-1 | 16825130 | 16880612 | 16552323 | 16752688 | 1.05   | cps   |
| Holmium    | 165-2 | 8607483  | 8572778  | 8626244  | 8602168  | 0.32   | cps   |
| Indium     | 115-1 | 12299284 | 12321908 | 12207444 | 12276212 | 0.49   | cps   |
| Indium     | 115-2 | 2408327  | 2409961  | 2417073  | 2411787  | 0.19   | cps   |
| Iron       | 56-2  | 58185108 | 58261568 | 57532389 | 57993022 | 0.69   | cps   |
| Iron       | 57-2  | 1430393  | 1432289  | 1423787  | 1428823  | 0.31   | cps   |
| Lead       | 206-1 | 4010156  | 4008274  | 3963583  | 3994004  | 0.66   | cps   |
| Lead       | 207-1 | 3682846  | 3635418  | 3641319  | 3653194  | 0.71   | cps   |
| Lead       | 208-1 | 16414714 | 16277465 | 16220081 | 16304087 | 0.61   | cps   |
| Lithium    | 6-1   | 4045893  | 4045329  | 3997516  | 4029579  | 0.69   | cps   |
| Magnesium  | 24-2  | 11003203 | 10997066 | 10971965 | 10990745 | 0.15   | cps   |
| Manganese  | 55-2  | 1622527  | 1620203  | 1606319  | 1616350  | 0.54   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB97843             | Operator :        | Jaswal     |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S06                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-09-07 15:16:12 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 9274133  | 9219768  | 9143170  | 9212357  | 0.71   | cps   |
| Molybdenum | 95-1  | 11386285 | 11244963 | 11176077 | 11269109 | 0.95   | cps   |
| Molybdenum | 96-1  | 12541409 | 12462188 | 12311269 | 12438289 | 0.94   | cps   |
| Molybdenum | 97-1  | 7084024  | 7024720  | 7023039  | 7043928  | 0.49   | cps   |
| Molybdenum | 98-1  | 18234349 | 18141673 | 17963793 | 18113272 | 0.76   | cps   |
| Neodymium  | 150-1 | 347      | 347      | 407      | 367      | 9.45   | cps   |
| Neodymium  | 150-2 | 53       | 47       | 17       | 39       | 50.22  | cps   |
| Nickel     | 60-2  | 594860   | 594090   | 596277   | 595076   | 0.19   | cps   |
| Phosphorus | 31-2  | 51983    | 51590    | 52117    | 51897    | 0.53   | cps   |
| Potassium  | 39-2  | 4967758  | 4999145  | 4971797  | 4979566  | 0.34   | cps   |
| Rhodium    | 103-1 | 11040809 | 11055649 | 10984819 | 11027092 | 0.34   | cps   |
| Rhodium    | 103-2 | 5452759  | 5402693  | 5391338  | 5415597  | 0.60   | cps   |
| Scandium   | 45-1  | 7858468  | 7693948  | 7665597  | 7739337  | 1.35   | cps   |
| Scandium   | 45-2  | 350514   | 352987   | 349042   | 350848   | 0.57   | cps   |
| Selenium   | 77-2  | 3687     | 3964     | 4024     | 3892     | 4.62   | cps   |
| Selenium   | 78-2  | 13223    | 12863    | 12852    | 12979    | 1.62   | cps   |
| Selenium   | 82-1  | 85817    | 85170    | 85815    | 85601    | 0.44   | cps   |
| Silicon    | 28-1  | 3289686  | 3279339  | 3264642  | 3277889  | 0.38   | cps   |
| Silver     | 109-1 | 5742652  | 5670532  | 5650950  | 5688045  | 0.85   | cps   |
| Silver     | 107-1 | 6012274  | 5945014  | 5887621  | 5948303  | 1.05   | cps   |
| Sodium     | 23-2  | 20999380 | 21092947 | 20997033 | 21029787 | 0.26   | cps   |
| Strontium  | 86-1  | 1467270  | 1457574  | 1433950  | 1452931  | 1.18   | cps   |
| Strontium  | 88-1  | 12870855 | 12653129 | 12516793 | 12680259 | 1.41   | cps   |
| Sulfur     | 34-1  | 825153   | 819173   | 817238   | 820521   | 0.50   | cps   |
| Terbium    | 159-1 | 17015882 | 17049640 | 16894213 | 16986578 | 0.48   | cps   |
| Terbium    | 159-2 | 8460124  | 8458380  | 8498425  | 8472310  | 0.27   | cps   |
| Thallium   | 203-1 | 5049075  | 4999700  | 4930546  | 4993107  | 1.19   | cps   |
| Thallium   | 205-1 | 11879203 | 11716802 | 11726559 | 11774188 | 0.77   | cps   |
| Thorium    | 232-1 | 18456395 | 18166168 | 18061319 | 18227961 | 1.12   | cps   |
| Tin        | 118-1 | 3857581  | 3839706  | 3807358  | 3834881  | 0.66   | cps   |
| Titanium   | 47-1  | 3202872  | 3181046  | 3158511  | 3180810  | 0.70   | cps   |
| Uranium    | 238-1 | 17789838 | 17695215 | 17482362 | 17655805 | 0.89   | cps   |
| Vanadium   | 51-2  | 1116615  | 1118800  | 1116590  | 1117335  | 0.11   | cps   |
| Yttrium    | 89-1  | 12753512 | 12602373 | 12569738 | 12641874 | 0.78   | cps   |
| Yttrium    | 89-2  | 1844286  | 1846897  | 1837238  | 1842807  | 0.27   | cps   |
| Zinc       | 66-2  | 460689   | 460077   | 459670   | 460145   | 0.11   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S06                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 15:16:12 | DataFile Name :   | 009CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 7822926 | 7737589 | 7697995 | 7752837 | 0.82   | cps   |
| Zirconium | 91-1 | 1715881 | 1707808 | 1698183 | 1707291 | 0.52   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB97843             | Operator :        | Jaswal     |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S07                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-09-07 15:19:57 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 1868022   | 1881000   | 1847941   | 1865655   | 0.89   | cps   |
| Antimony   | 121-1 | 9149574   | 9127048   | 9132089   | 9136237   | 0.13   | cps   |
| Arsenic    | 75-2  | 297713    | 298699    | 298505    | 298306    | 0.18   | cps   |
| Barium     | 135-1 | 11658898  | 11615478  | 11647766  | 11640714  | 0.19   | cps   |
| Barium     | 137-1 | 20193283  | 20212500  | 20347314  | 20251032  | 0.41   | cps   |
| Beryllium  | 9-1   | 2210466   | 2211655   | 2197401   | 2206507   | 0.36   | cps   |
| Bismuth    | 209-1 | 10851648  | 10882460  | 10754830  | 10829646  | 0.61   | cps   |
| Bismuth    | 209-2 | 6146246   | 6175589   | 6169230   | 6163688   | 0.25   | cps   |
| Boron      | 10-1  | 312724    | 321466    | 323648    | 319279    | 1.81   | cps   |
| Boron      | 11-1  | 1453848   | 1494892   | 1487292   | 1478677   | 1.48   | cps   |
| Cadmium    | 111-1 | 2359812   | 2361521   | 2350307   | 2357213   | 0.26   | cps   |
| Cadmium    | 106-1 | 265275    | 261682    | 262804    | 263253    | 0.70   | cps   |
| Cadmium    | 108-1 | 176912    | 179917    | 180706    | 179178    | 1.12   | cps   |
| Calcium    | 43-1  | 2781648   | 2802181   | 2785206   | 2789678   | 0.39   | cps   |
| Calcium    | 44-1  | 45109399  | 45260803  | 45124696  | 45164966  | 0.18   | cps   |
| Chromium   | 52-2  | 2784842   | 2786289   | 2782436   | 2784523   | 0.07   | cps   |
| Cobalt     | 59-2  | 4538314   | 4510395   | 4492590   | 4513766   | 0.51   | cps   |
| Copper     | 63-2  | 6267431   | 6303150   | 6255714   | 6275432   | 0.39   | cps   |
| Dysprosium | 156-1 | 108       | 217       | 200       | 175       | 33.33  | cps   |
| Dysprosium | 156-2 | 123       | 143       | 130       | 132       | 7.70   | cps   |
| Erbium     | 164-1 | 100       | 108       | 117       | 108       | 7.69   | cps   |
| Erbium     | 164-2 | 30        | 50        | 27        | 36        | 35.49  | cps   |
| Gadolinium | 160-1 | 183       | 142       | 158       | 161       | 13.02  | cps   |
| Gadolinium | 160-2 | 237       | 233       | 243       | 238       | 2.14   | cps   |
| Holmium    | 165-1 | 17098176  | 16974630  | 16888299  | 16987035  | 0.62   | cps   |
| Holmium    | 165-2 | 8615025   | 8700192   | 8654336   | 8656518   | 0.49   | cps   |
| Indium     | 115-1 | 12428898  | 12364710  | 12316963  | 12370190  | 0.45   | cps   |
| Indium     | 115-2 | 2399007   | 2424861   | 2416484   | 2413450   | 0.55   | cps   |
| Iron       | 56-2  | 117961583 | 117703233 | 117189467 | 117618094 | 0.33   | cps   |
| Iron       | 57-2  | 2909553   | 2882485   | 2863768   | 2885269   | 0.80   | cps   |
| Lead       | 206-1 | 7981533   | 7983010   | 7984070   | 7982871   | 0.02   | cps   |
| Lead       | 207-1 | 7281846   | 7222646   | 7286105   | 7263532   | 0.49   | cps   |
| Lead       | 208-1 | 32611051  | 32390620  | 32454855  | 32485509  | 0.35   | cps   |
| Lithium    | 6-1   | 4001480   | 4034935   | 4032550   | 4022989   | 0.46   | cps   |
| Magnesium  | 24-2  | 22217468  | 22356287  | 22078934  | 22217563  | 0.62   | cps   |
| Manganese  | 55-2  | 3251463   | 3261974   | 3259341   | 3257593   | 0.17   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB97843             | Operator :        | Jaswal     |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S07                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-09-07 15:19:57 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 18650735 | 18686582 | 18721929 | 18686415 | 0.19   | cps   |
| Molybdenum | 95-1  | 22756651 | 23015439 | 22914452 | 22895514 | 0.57   | cps   |
| Molybdenum | 96-1  | 25366866 | 25495645 | 25487073 | 25449862 | 0.28   | cps   |
| Molybdenum | 97-1  | 14202768 | 14288967 | 14369318 | 14287018 | 0.58   | cps   |
| Molybdenum | 98-1  | 36794429 | 36698622 | 36875842 | 36789631 | 0.24   | cps   |
| Neodymium  | 150-1 | 720      | 687      | 693      | 700      | 2.52   | cps   |
| Neodymium  | 150-2 | 93       | 83       | 63       | 80       | 19.10  | cps   |
| Nickel     | 60-2  | 1163092  | 1179622  | 1181729  | 1174814  | 0.87   | cps   |
| Phosphorus | 31-2  | 104866   | 102929   | 104792   | 104196   | 1.05   | cps   |
| Potassium  | 39-2  | 10038660 | 10115050 | 10039466 | 10064392 | 0.44   | cps   |
| Rhodium    | 103-1 | 10957464 | 10954026 | 10919314 | 10943601 | 0.19   | cps   |
| Rhodium    | 103-2 | 5360089  | 5384587  | 5358175  | 5367617  | 0.27   | cps   |
| Scandium   | 45-1  | 7918315  | 7952623  | 7830784  | 7900574  | 0.80   | cps   |
| Scandium   | 45-2  | 352723   | 356072   | 353692   | 354162   | 0.49   | cps   |
| Selenium   | 77-2  | 7342     | 7555     | 7645     | 7514     | 2.07   | cps   |
| Selenium   | 78-2  | 25788    | 25287    | 25374    | 25483    | 1.05   | cps   |
| Selenium   | 82-1  | 168080   | 168553   | 169960   | 168864   | 0.58   | cps   |
| Silicon    | 28-1  | 6159558  | 6124554  | 6112881  | 6132331  | 0.40   | cps   |
| Silver     | 109-1 | 11155243 | 11305704 | 11306424 | 11255790 | 0.77   | cps   |
| Silver     | 107-1 | 11729368 | 11782469 | 11892978 | 11801605 | 0.71   | cps   |
| Sodium     | 23-2  | 42300087 | 42703699 | 42372298 | 42458695 | 0.51   | cps   |
| Strontium  | 86-1  | 2928176  | 2938412  | 2915132  | 2927240  | 0.40   | cps   |
| Strontium  | 88-1  | 25621669 | 25784439 | 25558217 | 25654775 | 0.45   | cps   |
| Sulfur     | 34-1  | 1313542  | 1312512  | 1306199  | 1310751  | 0.30   | cps   |
| Terbium    | 159-1 | 17191731 | 17188734 | 17201169 | 17193878 | 0.04   | cps   |
| Terbium    | 159-2 | 8531150  | 8520154  | 8583273  | 8544859  | 0.39   | cps   |
| Thallium   | 203-1 | 9919271  | 9973417  | 9925479  | 9939389  | 0.30   | cps   |
| Thallium   | 205-1 | 23385654 | 23551895 | 23413364 | 23450304 | 0.38   | cps   |
| Thorium    | 232-1 | 36531445 | 36918279 | 36293248 | 36580991 | 0.86   | cps   |
| Tin        | 118-1 | 7744636  | 7726588  | 7722161  | 7731129  | 0.15   | cps   |
| Titanium   | 47-1  | 6405711  | 6481130  | 6462241  | 6449694  | 0.61   | cps   |
| Uranium    | 238-1 | 35337094 | 35501315 | 35128887 | 35322432 | 0.53   | cps   |
| Vanadium   | 51-2  | 2246811  | 2258480  | 2257047  | 2254113  | 0.28   | cps   |
| Yttrium    | 89-1  | 12834657 | 12879189 | 12816215 | 12843354 | 0.25   | cps   |
| Yttrium    | 89-2  | 1853059  | 1864154  | 1862060  | 1859758  | 0.32   | cps   |
| Zinc       | 66-2  | 885696   | 893752   | 889562   | 889670   | 0.45   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S07                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 15:19:57 | DataFile Name :   | 010CALS.d |

| Parameter | Mass | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|------|----------|----------|----------|----------|--------|-------|
| Zirconium | 90-1 | 15670183 | 15683277 | 15662474 | 15671978 | 0.07   | cps   |
| Zirconium | 91-1 | 3479182  | 3453632  | 3478650  | 3470488  | 0.42   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB97843             | Operator :        | Jaswal     |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S08                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-09-07 15:23:42 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 9544177   | 9613434   | 9569465   | 9575692   | 0.37   | cps   |
| Antimony   | 121-1 | 13757     | 14283     | 14466     | 14169     | 2.60   | cps   |
| Arsenic    | 75-2  | 485       | 419       | 404       | 436       | 9.96   | cps   |
| Barium     | 135-1 | 1734      | 2134      | 1517      | 1795      | 17.43  | cps   |
| Barium     | 137-1 | 2884      | 3367      | 3134      | 3128      | 7.73   | cps   |
| Beryllium  | 9-1   | 383       | 400       | 394       | 393       | 2.16   | cps   |
| Bismuth    | 209-1 | 9444258   | 9548774   | 9481218   | 9491417   | 0.56   | cps   |
| Bismuth    | 209-2 | 5484310   | 5496325   | 5569802   | 5516812   | 0.84   | cps   |
| Boron      | 10-1  | 15158     | 13965     | 13214     | 14113     | 6.95   | cps   |
| Boron      | 11-1  | 71394     | 64170     | 58824     | 64796     | 9.74   | cps   |
| Cadmium    | 111-1 | 3680      | 3681      | 3757      | 3706      | 1.19   | cps   |
| Cadmium    | 106-1 | 4693      | 4726      | 4759      | 4726      | 0.71   | cps   |
| Cadmium    | 108-1 | 67        | 63        | 42        | 57        | 23.52  | cps   |
| Calcium    | 43-1  | 14064469  | 14228313  | 14159284  | 14150689  | 0.58   | cps   |
| Calcium    | 44-1  | 226690455 | 228141838 | 228717755 | 227850016 | 0.46   | cps   |
| Chromium   | 52-2  | 89342     | 88504     | 87508     | 88451     | 1.04   | cps   |
| Cobalt     | 59-2  | 53156     | 54106     | 53096     | 53453     | 1.06   | cps   |
| Copper     | 63-2  | 15365     | 15358     | 14918     | 15214     | 1.68   | cps   |
| Dysprosium | 156-1 | 117       | 92        | 125       | 111       | 15.61  | cps   |
| Dysprosium | 156-2 | 63        | 47        | 33        | 48        | 31.46  | cps   |
| Erbium     | 164-1 | 58        | 83        | 92        | 78        | 22.30  | cps   |
| Erbium     | 164-2 | 30        | 33        | 33        | 32        | 5.97   | cps   |
| Gadolinium | 160-1 | 142       | 233       | 150       | 175       | 28.96  | cps   |
| Gadolinium | 160-2 | 203       | 240       | 290       | 244       | 17.80  | cps   |
| Holmium    | 165-1 | 16013759  | 16204984  | 16148828  | 16122524  | 0.61   | cps   |
| Holmium    | 165-2 | 8414584   | 8382433   | 8401686   | 8399568   | 0.19   | cps   |
| Indium     | 115-1 | 11552270  | 11686720  | 11629867  | 11622952  | 0.58   | cps   |
| Indium     | 115-2 | 2292486   | 2307183   | 2314613   | 2304761   | 0.49   | cps   |
| Iron       | 56-2  | 565123502 | 568574346 | 568102390 | 567266746 | 0.33   | cps   |
| Iron       | 57-2  | 13908766  | 13904221  | 13913598  | 13908862  | 0.03   | cps   |
| Lead       | 206-1 | 12300     | 12256     | 12445     | 12334     | 0.80   | cps   |
| Lead       | 207-1 | 9982      | 10527     | 10816     | 10441     | 4.06   | cps   |
| Lead       | 208-1 | 47123     | 48397     | 49459     | 48326     | 2.42   | cps   |
| Lithium    | 6-1   | 3855048   | 3913677   | 3934036   | 3900920   | 1.05   | cps   |
| Magnesium  | 24-2  | 107880732 | 108380584 | 108219040 | 108160118 | 0.24   | cps   |
| Manganese  | 55-2  | 14274     | 13953     | 14140     | 14122     | 1.14   | cps   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB97843             | Operator :        | Jaswal     |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P7         |
| Client Sample ID :      | S08                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-09-07 15:23:42 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Molybdenum | 94-1  | 23837     | 22585     | 22076     | 22833     | 3.97   | cps   |
| Molybdenum | 95-1  | 39230     | 36689     | 34927     | 36949     | 5.85   | cps   |
| Molybdenum | 96-1  | 48149     | 46887     | 45064     | 46700     | 3.32   | cps   |
| Molybdenum | 97-1  | 23854     | 22527     | 21742     | 22708     | 4.70   | cps   |
| Molybdenum | 98-1  | 61174     | 58462     | 56948     | 58861     | 3.64   | cps   |
| Neodymium  | 150-1 | 107       | 107       | 160       | 124       | 24.75  | cps   |
| Neodymium  | 150-2 | 30        | 40        | 43        | 38        | 18.36  | cps   |
| Nickel     | 60-2  | 31995     | 32526     | 32510     | 32344     | 0.93   | cps   |
| Phosphorus | 31-2  | 317       | 175       | 183       | 225       | 35.33  | cps   |
| Potassium  | 39-2  | 51098056  | 51396753  | 51146784  | 51213865  | 0.31   | cps   |
| Rhodium    | 103-1 | 9951786   | 10102646  | 10047962  | 10034131  | 0.76   | cps   |
| Rhodium    | 103-2 | 4950465   | 4931805   | 4942913   | 4941728   | 0.19   | cps   |
| Scandium   | 45-1  | 7661034   | 7784671   | 7839619   | 7761775   | 1.18   | cps   |
| Scandium   | 45-2  | 346364    | 346452    | 350976    | 347931    | 0.76   | cps   |
| Selenium   | 77-2  | 0         | 0         | 0         | 0         | 0.00   | cps   |
| Selenium   | 78-2  | 72        | 65        | 63        | 67        | 7.35   | cps   |
| Selenium   | 82-1  | 96        | 137       | 93        | 109       | 22.96  | cps   |
| Silicon    | 28-1  | 594612    | 591431    | 597522    | 594521    | 0.51   | cps   |
| Silver     | 109-1 | 933       | 942       | 950       | 942       | 0.88   | cps   |
| Silver     | 107-1 | 1200      | 1133      | 1067      | 1133      | 5.88   | cps   |
| Sodium     | 23-2  | 208367359 | 207866150 | 208182750 | 208138753 | 0.12   | cps   |
| Strontium  | 86-1  | 14258     | 14675     | 14683     | 14538     | 1.67   | cps   |
| Strontium  | 88-1  | 120410    | 119394    | 119831    | 119878    | 0.43   | cps   |
| Sulfur     | 34-1  | 322784    | 329393    | 329853    | 327343    | 1.21   | cps   |
| Terbium    | 159-1 | 16243314  | 16400723  | 16485568  | 16376535  | 0.75   | cps   |
| Terbium    | 159-2 | 8201649   | 8196012   | 8252511   | 8216724   | 0.38   | cps   |
| Thallium   | 203-1 | 4918      | 4793      | 4734      | 4815      | 1.95   | cps   |
| Thallium   | 205-1 | 11622     | 11981     | 10972     | 11525     | 4.44   | cps   |
| Thorium    | 232-1 | 23077     | 20194     | 18870     | 20714     | 10.39  | cps   |
| Tin        | 118-1 | 6994      | 6869      | 7161      | 7008      | 2.09   | cps   |
| Titanium   | 47-1  | 1383      | 1283      | 1508      | 1392      | 8.10   | cps   |
| Uranium    | 238-1 | 6553      | 5451      | 5868      | 5958      | 9.34   | cps   |
| Vanadium   | 51-2  | 860       | 930       | 913       | 901       | 4.06   | cps   |
| Yttrium    | 89-1  | 12287194  | 12531679  | 12456179  | 12425017  | 1.01   | cps   |
| Yttrium    | 89-2  | 1828715   | 1835896   | 1819431   | 1828014   | 0.45   | cps   |
| Zinc       | 66-2  | 4397      | 4577      | 4341      | 4439      | 2.79   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P7        |
| Client Sample ID :      | S08                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 15:23:42 | DataFile Name :   | 011CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 3984 | 3826 | 3484 | 3765    | 6.79   | cps   |
| Zirconium | 91-1 | 875  | 683  | 783  | 781     | 12.28  | cps   |

LB Number : LB97843 Operator : Jaswal  
 Lab Sample ID : ICV Instrumnet Name : P7  
 Client Sample ID : ICV Dilution Factor : 1  
 Date & Time Acquired :: 2018-09-07 15:56:15 DataFile Name : 013ICV.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 52953    | 50654    | 51866    | 51824    | 2.22   | cps   |
| Antimony   | 121-1 | 1793151  | 1801785  | 1786417  | 1793784  | 0.43   | cps   |
| Arsenic    | 75-2  | 63302    | 62013    | 62022    | 62446    | 1.19   | cps   |
| Barium     | 135-1 | 236928   | 235504   | 235075   | 235836   | 0.41   | cps   |
| Barium     | 137-1 | 413659   | 414637   | 416728   | 415008   | 0.38   | cps   |
| Beryllium  | 9-1   | 240467   | 236615   | 235396   | 237493   | 1.11   | cps   |
| Bismuth    | 209-1 | 11601306 | 11634299 | 11547476 | 11594361 | 0.38   | cps   |
| Bismuth    | 209-2 | 6741044  | 6734152  | 6738396  | 6737864  | 0.05   | cps   |
| Boron      | 10-1  | 173163   | 180682   | 181627   | 178491   | 2.60   | cps   |
| Boron      | 11-1  | 812255   | 830702   | 839732   | 827563   | 1.69   | cps   |
| Cadmium    | 111-1 | 267714   | 268605   | 265432   | 267250   | 0.61   | cps   |
| Cadmium    | 106-1 | 50315    | 50926    | 50600    | 50614    | 0.60   | cps   |
| Cadmium    | 108-1 | 26200    | 26241    | 25832    | 26091    | 0.86   | cps   |
| Calcium    | 43-1  | 68241    | 67555    | 67077    | 67625    | 0.87   | cps   |
| Calcium    | 44-1  | 1039607  | 1032824  | 1021028  | 1031153  | 0.91   | cps   |
| Chromium   | 52-2  | 289919   | 285037   | 284739   | 286565   | 1.01   | cps   |
| Cobalt     | 59-2  | 480020   | 478730   | 475840   | 478197   | 0.45   | cps   |
| Copper     | 63-2  | 348402   | 346044   | 342785   | 345744   | 0.82   | cps   |
| Dysprosium | 156-1 | 33       | 25       | 17       | 25       | 33.32  | cps   |
| Dysprosium | 156-2 | 7        | 7        | 13       | 9        | 43.25  | cps   |
| Erbium     | 164-1 | 142      | 117      | 158      | 139      | 15.10  | cps   |
| Erbium     | 164-2 | 57       | 73       | 70       | 67       | 13.23  | cps   |
| Gadolinium | 160-1 | 142      | 125      | 183      | 150      | 20.03  | cps   |
| Gadolinium | 160-2 | 200      | 237      | 247      | 228      | 10.79  | cps   |
| Holmium    | 165-1 | 17525775 | 17407731 | 17388754 | 17440753 | 0.43   | cps   |
| Holmium    | 165-2 | 9079010  | 8930198  | 8992113  | 9000440  | 0.83   | cps   |
| Indium     | 115-1 | 13324374 | 13350201 | 13312962 | 13329179 | 0.14   | cps   |
| Indium     | 115-2 | 2640512  | 2627736  | 2604994  | 2624414  | 0.69   | cps   |
| Iron       | 56-2  | 2427442  | 2415141  | 2407028  | 2416537  | 0.43   | cps   |
| Iron       | 57-2  | 61429    | 60927    | 60854    | 61070    | 0.51   | cps   |
| Lead       | 206-1 | 1611128  | 1632101  | 1618622  | 1620617  | 0.66   | cps   |
| Lead       | 207-1 | 1426576  | 1447314  | 1431537  | 1435142  | 0.75   | cps   |
| Lead       | 208-1 | 6499855  | 6542311  | 6502186  | 6514784  | 0.37   | cps   |
| Lithium    | 6-1   | 4436524  | 4424996  | 4380415  | 4413978  | 0.67   | cps   |
| Magnesium  | 24-2  | 280608   | 277663   | 278716   | 278996   | 0.53   | cps   |
| Manganese  | 55-2  | 169154   | 167168   | 165893   | 167405   | 0.98   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB97843             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P7       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-09-07 15:56:15 | DataFile Name :   | 013ICV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 4331293  | 4329804  | 4313678  | 4324925  | 0.23   | cps   |
| Molybdenum | 95-1  | 2663701  | 2672597  | 2640732  | 2659010  | 0.62   | cps   |
| Molybdenum | 96-1  | 3308305  | 3294252  | 3280670  | 3294409  | 0.42   | cps   |
| Molybdenum | 97-1  | 1644013  | 1642508  | 1634971  | 1640498  | 0.30   | cps   |
| Molybdenum | 98-1  | 4286127  | 4270240  | 4238318  | 4264895  | 0.57   | cps   |
| Neodymium  | 150-1 | 13       | 33       | 20       | 22       | 45.83  | cps   |
| Neodymium  | 150-2 | 3        | 3        | 7        | 4        | 43.40  | cps   |
| Nickel     | 60-2  | 129485   | 129331   | 129048   | 129288   | 0.17   | cps   |
| Phosphorus | 31-2  | 133      | 125      | 183      | 147      | 21.43  | cps   |
| Potassium  | 39-2  | 450620   | 442337   | 441725   | 444894   | 1.12   | cps   |
| Rhodium    | 103-1 | 12428642 | 12319286 | 12225051 | 12324326 | 0.83   | cps   |
| Rhodium    | 103-2 | 6005849  | 5948259  | 5953373  | 5969160  | 0.53   | cps   |
| Scandium   | 45-1  | 8682206  | 8615238  | 8583019  | 8626821  | 0.59   | cps   |
| Scandium   | 45-2  | 390048   | 385315   | 387362   | 387575   | 0.61   | cps   |
| Selenium   | 77-2  | 1733     | 1787     | 1567     | 1696     | 6.77   | cps   |
| Selenium   | 78-2  | 5723     | 5410     | 5357     | 5497     | 3.60   | cps   |
| Selenium   | 82-1  | 37000    | 37052    | 36401    | 36818    | 0.98   | cps   |
| Silicon    | 28-1  | 480415   | 485769   | 489360   | 485181   | 0.93   | cps   |
| Silver     | 109-1 | 1164724  | 1160862  | 1151919  | 1159168  | 0.57   | cps   |
| Silver     | 107-1 | 1211476  | 1208360  | 1208555  | 1209464  | 0.14   | cps   |
| Sodium     | 23-2  | 900915   | 904772   | 894149   | 899946   | 0.60   | cps   |
| Strontium  | 86-1  | 1462819  | 1469043  | 1459748  | 1463870  | 0.32   | cps   |
| Strontium  | 88-1  | 12817572 | 12830494 | 12770858 | 12806308 | 0.24   | cps   |
| Sulfur     | 34-1  | 369667   | 369679   | 362924   | 367423   | 1.06   | cps   |
| Terbium    | 159-1 | 17599233 | 17738685 | 17870473 | 17736131 | 0.76   | cps   |
| Terbium    | 159-2 | 8907272  | 8834812  | 8812109  | 8851398  | 0.56   | cps   |
| Thallium   | 203-1 | 2005459  | 2012524  | 2007550  | 2008511  | 0.18   | cps   |
| Thallium   | 205-1 | 4820342  | 4836898  | 4753815  | 4803685  | 0.92   | cps   |
| Thorium    | 232-1 | 19612950 | 19763707 | 19384223 | 19586960 | 0.98   | cps   |
| Tin        | 118-1 | 3867014  | 3833969  | 3789905  | 3830296  | 1.01   | cps   |
| Titanium   | 47-1  | 658527   | 657756   | 651333   | 655872   | 0.60   | cps   |
| Uranium    | 238-1 | 16879422 | 17001689 | 16827005 | 16902705 | 0.53   | cps   |
| Vanadium   | 51-2  | 232679   | 233706   | 232089   | 232825   | 0.35   | cps   |
| Yttrium    | 89-1  | 13708556 | 13772646 | 13771375 | 13750859 | 0.27   | cps   |
| Yttrium    | 89-2  | 2016371  | 1983748  | 2002172  | 2000763  | 0.82   | cps   |
| Zinc       | 66-2  | 100244   | 99436    | 97865    | 99182    | 1.22   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB97843             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P7       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-09-07 15:56:15 | DataFile Name :   | 013ICV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 7741587 | 7776560 | 7754982 | 7757709 | 0.23   | cps   |
| Zirconium | 91-1 | 1714862 | 1710756 | 1700457 | 1708692 | 0.43   | cps   |

LB Number : LB97843 Operator : Jaswal  
 Lab Sample ID : ICB Instrumnet Name : P7  
 Client Sample ID : ICB Dilution Factor : 1  
 Date & Time Acquired :: 2018-09-07 16:05:18 DataFile Name : 014CCBE.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 42       | 67       | 92       | 67       | 37.50  | cps   |
| Antimony   | 121-1 | 325      | 417      | 342      | 361      | 13.52  | cps   |
| Arsenic    | 75-2  | 9        | 161      | 9        | 60       | 146.44 | cps   |
| Barium     | 135-1 | 83       | 50       | 75       | 69       | 24.98  | cps   |
| Barium     | 137-1 | 117      | 142      | 83       | 114      | 25.69  | cps   |
| Beryllium  | 9-1   | 78       | 39       | 94       | 70       | 40.51  | cps   |
| Bismuth    | 209-1 | 11562241 | 11752711 | 11597884 | 11637612 | 0.87   | cps   |
| Bismuth    | 209-2 | 6828838  | 6768065  | 6810364  | 6802422  | 0.46   | cps   |
| Boron      | 10-1  | 3342     | 3117     | 3342     | 3267     | 3.98   | cps   |
| Boron      | 11-1  | 15450    | 15350    | 14574    | 15125    | 3.17   | cps   |
| Cadmium    | 111-1 | 3291     | 3598     | 3314     | 3401     | 5.03   | cps   |
| Cadmium    | 106-1 | 4726     | 5134     | 4743     | 4868     | 4.75   | cps   |
| Cadmium    | 108-1 | 25       | 13       | 21       | 19       | 32.73  | cps   |
| Calcium    | 43-1  | 225      | 258      | 200      | 228      | 12.85  | cps   |
| Calcium    | 44-1  | 8061     | 8253     | 7919     | 8078     | 2.07   | cps   |
| Chromium   | 52-2  | 477      | 497      | 603      | 526      | 12.96  | cps   |
| Cobalt     | 59-2  | 77       | 57       | 53       | 62       | 20.29  | cps   |
| Copper     | 63-2  | 1793     | 1543     | 1733     | 1690     | 7.72   | cps   |
| Dysprosium | 156-1 | 0        | 42       | 0        | 14       | 173.21 | cps   |
| Dysprosium | 156-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Erbium     | 164-1 | 67       | 67       | 50       | 61       | 15.75  | cps   |
| Erbium     | 164-2 | 23       | 10       | 60       | 31       | 83.23  | cps   |
| Gadolinium | 160-1 | 117      | 92       | 83       | 97       | 17.84  | cps   |
| Gadolinium | 160-2 | 273      | 227      | 190      | 230      | 18.16  | cps   |
| Holmium    | 165-1 | 17254987 | 17663935 | 17303271 | 17407398 | 1.28   | cps   |
| Holmium    | 165-2 | 9118492  | 9080855  | 8971619  | 9056989  | 0.84   | cps   |
| Indium     | 115-1 | 13515147 | 13630576 | 13475335 | 13540352 | 0.60   | cps   |
| Indium     | 115-2 | 2671362  | 2643126  | 2646059  | 2653516  | 0.59   | cps   |
| Iron       | 56-2  | 5195     | 5279     | 5234     | 5236     | 0.80   | cps   |
| Iron       | 57-2  | 261      | 250      | 228      | 246      | 6.89   | cps   |
| Lead       | 206-1 | 300      | 322      | 361      | 328      | 9.44   | cps   |
| Lead       | 207-1 | 300      | 356      | 333      | 330      | 8.48   | cps   |
| Lead       | 208-1 | 1339     | 1272     | 1467     | 1359     | 7.27   | cps   |
| Lithium    | 6-1   | 4466405  | 4496928  | 4455826  | 4473053  | 0.48   | cps   |
| Magnesium  | 24-2  | 308      | 317      | 358      | 328      | 8.17   | cps   |
| Manganese  | 55-2  | 33       | 40       | 40       | 38       | 10.19  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P7        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:05:18 | DataFile Name :   | 014CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 858      | 892      | 1025     | 925      | 9.54   | cps   |
| Molybdenum | 95-1  | 450      | 433      | 658      | 514      | 24.40  | cps   |
| Molybdenum | 96-1  | 917      | 825      | 700      | 814      | 13.36  | cps   |
| Molybdenum | 97-1  | 417      | 317      | 250      | 328      | 25.59  | cps   |
| Molybdenum | 98-1  | 875      | 842      | 925      | 881      | 4.76   | cps   |
| Neodymium  | 150-1 | 0        | 0        | 13       | 4        | 173.21 | cps   |
| Neodymium  | 150-2 | 0        | 0        | 7        | 2        | 173.21 | cps   |
| Nickel     | 60-2  | 53       | 67       | 93       | 71       | 28.65  | cps   |
| Phosphorus | 31-2  | 142      | 183      | 125      | 150      | 20.03  | cps   |
| Potassium  | 39-2  | 23035    | 22418    | 22676    | 22710    | 1.37   | cps   |
| Rhodium    | 103-1 | 12539047 | 12601299 | 12408058 | 12516134 | 0.79   | cps   |
| Rhodium    | 103-2 | 6150083  | 6079178  | 6121288  | 6116850  | 0.58   | cps   |
| Scandium   | 45-1  | 8731734  | 8784608  | 8671201  | 8729181  | 0.65   | cps   |
| Scandium   | 45-2  | 391832   | 387831   | 389454   | 389706   | 0.52   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 69       | 93       | 50       | 70       | 30.35  | cps   |
| Selenium   | 82-1  | -1       | -5       | 29       | 7        | 248.40 | cps   |
| Silicon    | 28-1  | 459906   | 458207   | 459285   | 459132   | 0.19   | cps   |
| Silver     | 109-1 | 125      | 92       | 42       | 86       | 48.71  | cps   |
| Silver     | 107-1 | 108      | 125      | 167      | 133      | 22.54  | cps   |
| Sodium     | 23-2  | 24496    | 25606    | 25839    | 25314    | 2.84   | cps   |
| Strontium  | 86-1  | 708      | 750      | 700      | 719      | 3.72   | cps   |
| Strontium  | 88-1  | 250      | 383      | 267      | 300      | 24.22  | cps   |
| Sulfur     | 34-1  | 390775   | 390449   | 390888   | 390704   | 0.06   | cps   |
| Terbium    | 159-1 | 17726754 | 17934179 | 17618348 | 17759760 | 0.90   | cps   |
| Terbium    | 159-2 | 8992483  | 8908683  | 8882295  | 8927820  | 0.64   | cps   |
| Thallium   | 203-1 | 275      | 392      | 308      | 325      | 18.49  | cps   |
| Thallium   | 205-1 | 742      | 858      | 733      | 778      | 8.99   | cps   |
| Thorium    | 232-1 | 6602     | 6357     | 6263     | 6407     | 2.73   | cps   |
| Tin        | 118-1 | 1675     | 1533     | 1592     | 1600     | 4.45   | cps   |
| Titanium   | 47-1  | 58       | 108      | 75       | 81       | 31.60  | cps   |
| Uranium    | 238-1 | 125      | 100      | 217      | 147      | 41.72  | cps   |
| Vanadium   | 51-2  | 7        | 3        | 10       | 7        | 50.03  | cps   |
| Yttrium    | 89-1  | 13846887 | 13857856 | 13820996 | 13841913 | 0.14   | cps   |
| Yttrium    | 89-2  | 2025533  | 2000573  | 2010545  | 2012217  | 0.62   | cps   |
| Zinc       | 66-2  | 467      | 387      | 397      | 417      | 10.46  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P7        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:05:18 | DataFile Name :   | 014CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1867 | 1734 | 1909 | 1836    | 4.98   | cps   |
| Zirconium | 91-1 | 458  | 317  | 367  | 381     | 18.88  | cps   |



LB Number : LB97843 Operator : Jaswal  
 Lab Sample ID : ICSA Instrumnet Name : P7  
 Client Sample ID : ICSA Dilution Factor : 1  
 Date & Time Acquired :: 2018-09-07 16:08:53 DataFile Name : 015ICSA.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 8885108   | 8996322   | 8845734   | 8909055   | 0.88   | cps   |
| Antimony   | 121-1 | 9662      | 9896      | 10312     | 9957      | 3.31   | cps   |
| Arsenic    | 75-2  | 83        | 104       | 74        | 87        | 17.42  | cps   |
| Barium     | 135-1 | 3342      | 3367      | 3401      | 3370      | 0.87   | cps   |
| Barium     | 137-1 | 5693      | 5726      | 6085      | 5835      | 3.72   | cps   |
| Beryllium  | 9-1   | 683       | 611       | 744       | 680       | 9.82   | cps   |
| Bismuth    | 209-1 | 10473010  | 10565943  | 10565169  | 10534707  | 0.51   | cps   |
| Bismuth    | 209-2 | 6089753   | 6077685   | 6093531   | 6086990   | 0.14   | cps   |
| Boron      | 10-1  | 3275      | 3309      | 2800      | 3128      | 9.09   | cps   |
| Boron      | 11-1  | 14466     | 13940     | 13990     | 14132     | 2.05   | cps   |
| Cadmium    | 111-1 | 3892      | 4199      | 4087      | 4059      | 3.83   | cps   |
| Cadmium    | 106-1 | 4242      | 4601      | 4426      | 4423      | 4.05   | cps   |
| Cadmium    | 108-1 | 2309      | 2275      | 2129      | 2238      | 4.26   | cps   |
| Calcium    | 43-1  | 2746766   | 2758410   | 2760058   | 2755078   | 0.26   | cps   |
| Calcium    | 44-1  | 44340873  | 44505522  | 44626056  | 44490817  | 0.32   | cps   |
| Chromium   | 52-2  | 55093     | 55772     | 55056     | 55307     | 0.73   | cps   |
| Cobalt     | 59-2  | 5368      | 5431      | 5418      | 5406      | 0.62   | cps   |
| Copper     | 63-2  | 26771     | 27092     | 27092     | 26985     | 0.69   | cps   |
| Dysprosium | 156-1 | 58        | 25        | 58        | 47        | 40.76  | cps   |
| Dysprosium | 156-2 | 17        | 13        | 23        | 18        | 28.64  | cps   |
| Erbium     | 164-1 | 75        | 108       | 58        | 81        | 31.60  | cps   |
| Erbium     | 164-2 | 37        | 50        | 33        | 40        | 22.05  | cps   |
| Gadolinium | 160-1 | 92        | 142       | 92        | 108       | 26.65  | cps   |
| Gadolinium | 160-2 | 227       | 187       | 243       | 219       | 13.31  | cps   |
| Holmium    | 165-1 | 16795301  | 16798865  | 16881647  | 16825271  | 0.29   | cps   |
| Holmium    | 165-2 | 8641710   | 8648743   | 8663754   | 8651402   | 0.13   | cps   |
| Indium     | 115-1 | 12336063  | 12283586  | 12395426  | 12338359  | 0.45   | cps   |
| Indium     | 115-2 | 2408183   | 2433837   | 2412927   | 2418316   | 0.56   | cps   |
| Iron       | 56-2  | 233857089 | 234545377 | 233048872 | 233817113 | 0.32   | cps   |
| Iron       | 57-2  | 5745579   | 5781766   | 5714272   | 5747206   | 0.59   | cps   |
| Lead       | 206-1 | 37141     | 37559     | 38529     | 37743     | 1.89   | cps   |
| Lead       | 207-1 | 30552     | 30274     | 29789     | 30205     | 1.28   | cps   |
| Lead       | 208-1 | 142464    | 141654    | 143324    | 142481    | 0.59   | cps   |
| Lithium    | 6-1   | 4169254   | 4147533   | 4163002   | 4159930   | 0.27   | cps   |
| Magnesium  | 24-2  | 22039152  | 22271660  | 22096304  | 22135705  | 0.55   | cps   |
| Manganese  | 55-2  | 12979     | 13229     | 12919     | 13043     | 1.26   | cps   |

LB Number : LB97843 Operator : Jaswal  
 Lab Sample ID : ICSA Instrumnet Name : P7  
 Client Sample ID : ICSA Dilution Factor : 1  
 Date & Time Acquired :: 2018-09-07 16:08:53 DataFile Name : 015ICSA.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 4957061  | 4958281  | 4961671  | 4959004  | 0.05   | cps   |
| Molybdenum | 95-1  | 8753255  | 8848826  | 8808507  | 8803529  | 0.55   | cps   |
| Molybdenum | 96-1  | 9333086  | 9381124  | 9352395  | 9355535  | 0.26   | cps   |
| Molybdenum | 97-1  | 5458117  | 5528490  | 5493255  | 5493287  | 0.64   | cps   |
| Molybdenum | 98-1  | 14010641 | 14186194 | 14153493 | 14116776 | 0.66   | cps   |
| Neodymium  | 150-1 | 40       | 100      | 40       | 60       | 57.74  | cps   |
| Neodymium  | 150-2 | 20       | 10       | 23       | 18       | 39.03  | cps   |
| Nickel     | 60-2  | 6405     | 6438     | 6432     | 6425     | 0.27   | cps   |
| Phosphorus | 31-2  | 514021   | 518294   | 508601   | 513639   | 0.95   | cps   |
| Potassium  | 39-2  | 20184103 | 20416231 | 20388779 | 20329704 | 0.62   | cps   |
| Rhodium    | 103-1 | 10910037 | 10986570 | 10998205 | 10964937 | 0.44   | cps   |
| Rhodium    | 103-2 | 5439579  | 5423057  | 5402163  | 5421600  | 0.35   | cps   |
| Scandium   | 45-1  | 8013152  | 7969340  | 8014437  | 7998976  | 0.32   | cps   |
| Scandium   | 45-2  | 360385   | 365241   | 361107   | 362244   | 0.72   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 72       | 56       | 63       | 64       | 13.13  | cps   |
| Selenium   | 82-1  | 62       | 18       | 76       | 52       | 58.21  | cps   |
| Silicon    | 28-1  | 545695   | 548648   | 547897   | 547414   | 0.28   | cps   |
| Silver     | 109-1 | 350      | 433      | 450      | 411      | 13.03  | cps   |
| Silver     | 107-1 | 375      | 550      | 583      | 503      | 22.26  | cps   |
| Sodium     | 23-2  | 42779920 | 43044345 | 42723580 | 42849282 | 0.40   | cps   |
| Strontium  | 86-1  | 98511    | 99183    | 98075    | 98590    | 0.57   | cps   |
| Strontium  | 88-1  | 849146   | 857602   | 853865   | 853538   | 0.50   | cps   |
| Sulfur     | 34-1  | 4571000  | 4536068  | 4559610  | 4555560  | 0.39   | cps   |
| Terbium    | 159-1 | 17124128 | 17050274 | 17165807 | 17113403 | 0.34   | cps   |
| Terbium    | 159-2 | 8553120  | 8528621  | 8503838  | 8528526  | 0.29   | cps   |
| Thallium   | 203-1 | 867      | 842      | 858      | 856      | 1.49   | cps   |
| Thallium   | 205-1 | 2075     | 2117     | 2034     | 2075     | 2.01   | cps   |
| Thorium    | 232-1 | 23304    | 23405    | 22481    | 23063    | 2.20   | cps   |
| Tin        | 118-1 | 2550     | 2750     | 2992     | 2764     | 8.00   | cps   |
| Titanium   | 47-1  | 2587415  | 2633072  | 2609256  | 2609914  | 0.87   | cps   |
| Uranium    | 238-1 | 650      | 667      | 592      | 636      | 6.19   | cps   |
| Vanadium   | 51-2  | 277      | 373      | 340      | 330      | 14.88  | cps   |
| Yttrium    | 89-1  | 12852989 | 12779029 | 12860580 | 12830866 | 0.35   | cps   |
| Yttrium    | 89-2  | 1885610  | 1894766  | 1885290  | 1888555  | 0.28   | cps   |
| Zinc       | 66-2  | 5861     | 5464     | 5618     | 5648     | 3.54   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:08:53 | DataFile Name :   | 015ICSA.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 3701 | 3576 | 2934 | 3403    | 12.09  | cps   |
| Zirconium | 91-1 | 933  | 667  | 617  | 739     | 23.04  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:12:28 | DataFile Name :   | 016ICSB.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 9179490   | 9122784   | 9255029   | 9185768   | 0.72   | cps   |
| Antimony   | 121-1 | 191068    | 194487    | 191837    | 192464    | 0.93   | cps   |
| Arsenic    | 75-2  | 6083      | 6099      | 6059      | 6080      | 0.34   | cps   |
| Barium     | 135-1 | 51313     | 51631     | 51371     | 51438     | 0.33   | cps   |
| Barium     | 137-1 | 88750     | 89605     | 89991     | 89449     | 0.71   | cps   |
| Beryllium  | 9-1   | 46438     | 46661     | 47307     | 46802     | 0.96   | cps   |
| Bismuth    | 209-1 | 10749935  | 10805894  | 10837256  | 10797695  | 0.41   | cps   |
| Bismuth    | 209-2 | 6179156   | 6246532   | 6248855   | 6224848   | 0.64   | cps   |
| Boron      | 10-1  | 21366     | 22567     | 21475     | 21803     | 3.05   | cps   |
| Boron      | 11-1  | 101959    | 106540    | 104728    | 104409    | 2.21   | cps   |
| Cadmium    | 111-1 | 53507     | 53374     | 52787     | 53223     | 0.72   | cps   |
| Cadmium    | 106-1 | 11172     | 11755     | 10996     | 11308     | 3.51   | cps   |
| Cadmium    | 108-1 | 5947      | 6201      | 6335      | 6161      | 3.20   | cps   |
| Calcium    | 43-1  | 2866130   | 2866958   | 2888004   | 2873698   | 0.43   | cps   |
| Calcium    | 44-1  | 46323437  | 46338770  | 46623796  | 46428668  | 0.36   | cps   |
| Chromium   | 52-2  | 115733    | 115837    | 114856    | 115475    | 0.47   | cps   |
| Cobalt     | 59-2  | 98749     | 98753     | 99924     | 99142     | 0.68   | cps   |
| Copper     | 63-2  | 93724     | 92936     | 94013     | 93558     | 0.60   | cps   |
| Dysprosium | 156-1 | 42        | 50        | 25        | 39        | 32.73  | cps   |
| Dysprosium | 156-2 | 40        | 27        | 13        | 27        | 50.01  | cps   |
| Erbium     | 164-1 | 67        | 125       | 108       | 100       | 30.05  | cps   |
| Erbium     | 164-2 | 40        | 50        | 50        | 47        | 12.37  | cps   |
| Gadolinium | 160-1 | 100       | 142       | 142       | 128       | 18.83  | cps   |
| Gadolinium | 160-2 | 193       | 217       | 227       | 212       | 8.06   | cps   |
| Holmium    | 165-1 | 17409689  | 17374687  | 17396913  | 17393763  | 0.10   | cps   |
| Holmium    | 165-2 | 8843200   | 8939041   | 8916247   | 8899496   | 0.56   | cps   |
| Indium     | 115-1 | 12597213  | 12781502  | 12839649  | 12739455  | 0.99   | cps   |
| Indium     | 115-2 | 2483769   | 2507116   | 2493078   | 2494654   | 0.47   | cps   |
| Iron       | 56-2  | 242043639 | 239331039 | 240332405 | 240569028 | 0.57   | cps   |
| Iron       | 57-2  | 5931246   | 5887910   | 5936188   | 5918448   | 0.45   | cps   |
| Lead       | 206-1 | 199471    | 201404    | 202473    | 201116    | 0.76   | cps   |
| Lead       | 207-1 | 169158    | 170726    | 170722    | 170202    | 0.53   | cps   |
| Lead       | 208-1 | 776383    | 778541    | 787132    | 780685    | 0.73   | cps   |
| Lithium    | 6-1   | 4277099   | 4302101   | 4324404   | 4301201   | 0.55   | cps   |
| Magnesium  | 24-2  | 22806526  | 22784117  | 22829982  | 22806875  | 0.10   | cps   |
| Manganese  | 55-2  | 45246     | 46594     | 46771     | 46203     | 1.80   | cps   |

LB Number : LB97843 Operator : Jaswal  
 Lab Sample ID : ICSAB Instrumnet Name : P7  
 Client Sample ID : ICSAB Dilution Factor : 1  
 Date & Time Acquired :: 2018-09-07 16:12:28 DataFile Name : 016ICSB.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 5685089  | 5707389  | 5680384  | 5690954  | 0.25   | cps   |
| Molybdenum | 95-1  | 9423231  | 9492138  | 9432912  | 9449427  | 0.39   | cps   |
| Molybdenum | 96-1  | 10074037 | 10040065 | 10086015 | 10066706 | 0.24   | cps   |
| Molybdenum | 97-1  | 5867271  | 5839712  | 5862179  | 5856388  | 0.25   | cps   |
| Molybdenum | 98-1  | 15101380 | 15075972 | 15150786 | 15109380 | 0.25   | cps   |
| Neodymium  | 150-1 | 80       | 40       | 27       | 49       | 56.77  | cps   |
| Neodymium  | 150-2 | 17       | 7        | 23       | 16       | 53.90  | cps   |
| Nickel     | 60-2  | 30979    | 30535    | 31267    | 30927    | 1.19   | cps   |
| Phosphorus | 31-2  | 522812   | 525705   | 532489   | 527002   | 0.94   | cps   |
| Potassium  | 39-2  | 21006400 | 20761410 | 21057186 | 20941665 | 0.76   | cps   |
| Rhodium    | 103-1 | 11373843 | 11462882 | 11384351 | 11407025 | 0.43   | cps   |
| Rhodium    | 103-2 | 5573935  | 5627659  | 5571953  | 5591182  | 0.57   | cps   |
| Scandium   | 45-1  | 8342973  | 8360241  | 8378178  | 8360464  | 0.21   | cps   |
| Scandium   | 45-2  | 372392   | 374809   | 380918   | 376040   | 1.17   | cps   |
| Selenium   | 77-2  | 157      | 200      | 113      | 157      | 27.66  | cps   |
| Selenium   | 78-2  | 587      | 598      | 594      | 593      | 0.95   | cps   |
| Selenium   | 82-1  | 3361     | 3557     | 3489     | 3469     | 2.86   | cps   |
| Silicon    | 28-1  | 956594   | 961031   | 966448   | 961358   | 0.51   | cps   |
| Silver     | 109-1 | 216044   | 211208   | 212362   | 213204   | 1.18   | cps   |
| Silver     | 107-1 | 220406   | 222901   | 222192   | 221833   | 0.58   | cps   |
| Sodium     | 23-2  | 44084267 | 44350079 | 44354513 | 44262953 | 0.35   | cps   |
| Strontium  | 86-1  | 279414   | 279506   | 283787   | 280902   | 0.89   | cps   |
| Strontium  | 88-1  | 2420422  | 2416927  | 2434091  | 2423813  | 0.37   | cps   |
| Sulfur     | 34-1  | 4713903  | 4735038  | 4742653  | 4730531  | 0.31   | cps   |
| Terbium    | 159-1 | 17599806 | 17661730 | 17784349 | 17681961 | 0.53   | cps   |
| Terbium    | 159-2 | 8768533  | 8831770  | 8800528  | 8800277  | 0.36   | cps   |
| Thallium   | 203-1 | 195250   | 198061   | 200187   | 197833   | 1.25   | cps   |
| Thallium   | 205-1 | 468524   | 473288   | 467624   | 469812   | 0.65   | cps   |
| Thorium    | 232-1 | 17763    | 17595    | 17106    | 17488    | 1.95   | cps   |
| Tin        | 118-1 | 460550   | 459190   | 462143   | 460627   | 0.32   | cps   |
| Titanium   | 47-1  | 2765491  | 2782669  | 2793873  | 2780678  | 0.51   | cps   |
| Uranium    | 238-1 | 2080760  | 2082854  | 2090196  | 2084604  | 0.24   | cps   |
| Vanadium   | 51-2  | 46420    | 46543    | 46781    | 46581    | 0.39   | cps   |
| Yttrium    | 89-1  | 13367392 | 13515830 | 13457995 | 13447072 | 0.56   | cps   |
| Yttrium    | 89-2  | 1936453  | 1945008  | 1937863  | 1939775  | 0.24   | cps   |
| Zinc       | 66-2  | 14978    | 14828    | 14908    | 14904    | 0.50   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:12:28 | DataFile Name :   | 016ICSB.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 90-1 | 949639 | 954438 | 948025 | 950701  | 0.35   | cps   |
| Zirconium | 91-1 | 211323 | 211956 | 212770 | 212016  | 0.34   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB97843             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV088              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV088              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-09-07 16:16:04 | DataFile Name :   | 017CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 5242524   | 5274681   | 5214328   | 5243844   | 0.58   | cps   |
| Antimony   | 121-1 | 4682576   | 4700589   | 4675995   | 4686387   | 0.27   | cps   |
| Arsenic    | 75-2  | 151285    | 151513    | 150675    | 151157    | 0.29   | cps   |
| Barium     | 135-1 | 6043514   | 6088784   | 5986971   | 6039756   | 0.84   | cps   |
| Barium     | 137-1 | 10595315  | 10571286  | 10506783  | 10557795  | 0.43   | cps   |
| Beryllium  | 9-1   | 1169326   | 1187259   | 1182181   | 1179589   | 0.78   | cps   |
| Bismuth    | 209-1 | 10485570  | 10527724  | 10503300  | 10505531  | 0.20   | cps   |
| Bismuth    | 209-2 | 5897422   | 5994525   | 5920273   | 5937407   | 0.86   | cps   |
| Boron      | 10-1  | 163862    | 170307    | 171545    | 168572    | 2.45   | cps   |
| Boron      | 11-1  | 776923    | 785415    | 814393    | 792244    | 2.48   | cps   |
| Cadmium    | 111-1 | 1195776   | 1200472   | 1202175   | 1199474   | 0.28   | cps   |
| Cadmium    | 106-1 | 134593    | 135576    | 135669    | 135279    | 0.44   | cps   |
| Cadmium    | 108-1 | 90374     | 90096     | 90629     | 90367     | 0.30   | cps   |
| Calcium    | 43-1  | 7358223   | 7359647   | 7325967   | 7347945   | 0.26   | cps   |
| Calcium    | 44-1  | 118720290 | 119530049 | 118379286 | 118876542 | 0.50   | cps   |
| Chromium   | 52-2  | 1497173   | 1491566   | 1484705   | 1491148   | 0.42   | cps   |
| Cobalt     | 59-2  | 2299395   | 2298807   | 2300506   | 2299569   | 0.04   | cps   |
| Copper     | 63-2  | 3180042   | 3173217   | 3172526   | 3175262   | 0.13   | cps   |
| Dysprosium | 156-1 | 217       | 150       | 125       | 164       | 28.91  | cps   |
| Dysprosium | 156-2 | 117       | 117       | 113       | 116       | 1.66   | cps   |
| Erbium     | 164-1 | 83        | 75        | 92        | 83        | 10.00  | cps   |
| Erbium     | 164-2 | 23        | 40        | 67        | 43        | 50.45  | cps   |
| Gadolinium | 160-1 | 250       | 183       | 133       | 189       | 30.99  | cps   |
| Gadolinium | 160-2 | 227       | 210       | 263       | 233       | 11.69  | cps   |
| Holmium    | 165-1 | 17470247  | 17570325  | 17388308  | 17476293  | 0.52   | cps   |
| Holmium    | 165-2 | 8701534   | 8822085   | 8721734   | 8748451   | 0.74   | cps   |
| Indium     | 115-1 | 12689413  | 12602480  | 12670531  | 12654141  | 0.36   | cps   |
| Indium     | 115-2 | 2423439   | 2444004   | 2420659   | 2429367   | 0.52   | cps   |
| Iron       | 56-2  | 303531585 | 302533640 | 304169585 | 303411603 | 0.27   | cps   |
| Iron       | 57-2  | 7461893   | 7461742   | 7441178   | 7454938   | 0.16   | cps   |
| Lead       | 206-1 | 3933783   | 3957799   | 3917486   | 3936356   | 0.52   | cps   |
| Lead       | 207-1 | 3557632   | 3616591   | 3566246   | 3580156   | 0.89   | cps   |
| Lead       | 208-1 | 15958989  | 16136436  | 15933213  | 16009546  | 0.69   | cps   |
| Lithium    | 6-1   | 4225304   | 4232162   | 4265494   | 4240987   | 0.51   | cps   |
| Magnesium  | 24-2  | 57215618  | 57911274  | 56622343  | 57249745  | 1.13   | cps   |
| Manganese  | 55-2  | 1691089   | 1689284   | 1687871   | 1689415   | 0.10   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB97843             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV088              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV088              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-09-07 16:16:04 | DataFile Name :   | 017CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Molybdenum | 94-1  | 9855194   | 9923444   | 9890414   | 9889684   | 0.35   | cps   |
| Molybdenum | 95-1  | 12070319  | 12113080  | 12075878  | 12086426  | 0.19   | cps   |
| Molybdenum | 96-1  | 13388523  | 13357668  | 13453098  | 13399763  | 0.36   | cps   |
| Molybdenum | 97-1  | 7552133   | 7557607   | 7544159   | 7551300   | 0.09   | cps   |
| Molybdenum | 98-1  | 19345383  | 19546012  | 19338823  | 19410073  | 0.61   | cps   |
| Neodymium  | 150-1 | 373       | 500       | 493       | 456       | 15.65  | cps   |
| Neodymium  | 150-2 | 73        | 57        | 90        | 73        | 22.73  | cps   |
| Nickel     | 60-2  | 615184    | 614790    | 618166    | 616046    | 0.30   | cps   |
| Phosphorus | 31-2  | 53556     | 55697     | 52795     | 54016     | 2.79   | cps   |
| Potassium  | 39-2  | 26536253  | 26648721  | 26158050  | 26447675  | 0.97   | cps   |
| Rhodium    | 103-1 | 11092179  | 11133521  | 11111254  | 11112318  | 0.19   | cps   |
| Rhodium    | 103-2 | 5334077   | 5373207   | 5327839   | 5345041   | 0.46   | cps   |
| Scandium   | 45-1  | 8448657   | 8383074   | 8437110   | 8422947   | 0.42   | cps   |
| Scandium   | 45-2  | 370289    | 374015    | 367652    | 370652    | 0.86   | cps   |
| Selenium   | 77-2  | 3827      | 3814      | 3604      | 3748      | 3.34   | cps   |
| Selenium   | 78-2  | 12520     | 12672     | 12631     | 12608     | 0.62   | cps   |
| Selenium   | 82-1  | 84171     | 85093     | 85131     | 84798     | 0.64   | cps   |
| Silicon    | 28-1  | 3850882   | 3885018   | 3890442   | 3875447   | 0.55   | cps   |
| Silver     | 109-1 | 5664710   | 5710155   | 5673082   | 5682649   | 0.43   | cps   |
| Silver     | 107-1 | 5911304   | 5954106   | 5951070   | 5938827   | 0.40   | cps   |
| Sodium     | 23-2  | 110495332 | 110679711 | 110891569 | 110688871 | 0.18   | cps   |
| Strontium  | 86-1  | 1543145   | 1551399   | 1540084   | 1544876   | 0.38   | cps   |
| Strontium  | 88-1  | 13557201  | 13664534  | 13549732  | 13590489  | 0.47   | cps   |
| Sulfur     | 34-1  | 850169    | 856930    | 856582    | 854560    | 0.45   | cps   |
| Terbium    | 159-1 | 17508055  | 17628210  | 17656189  | 17597485  | 0.45   | cps   |
| Terbium    | 159-2 | 8565227   | 8600511   | 8550890   | 8572210   | 0.30   | cps   |
| Thallium   | 203-1 | 4925288   | 5009882   | 4940430   | 4958533   | 0.91   | cps   |
| Thallium   | 205-1 | 11648173  | 11690954  | 11616129  | 11651752  | 0.32   | cps   |
| Thorium    | 232-1 | 18187837  | 18486298  | 18291605  | 18321913  | 0.83   | cps   |
| Tin        | 118-1 | 3986421   | 4046764   | 4006082   | 4013089   | 0.77   | cps   |
| Titanium   | 47-1  | 3496204   | 3474400   | 3477706   | 3482770   | 0.34   | cps   |
| Uranium    | 238-1 | 17552505  | 17587229  | 17529858  | 17556530  | 0.16   | cps   |
| Vanadium   | 51-2  | 1202791   | 1201107   | 1192079   | 1198659   | 0.48   | cps   |
| Yttrium    | 89-1  | 13469124  | 13366622  | 13438028  | 13424591  | 0.39   | cps   |
| Yttrium    | 89-2  | 1910391   | 1941756   | 1910460   | 1920869   | 0.94   | cps   |
| Zinc       | 66-2  | 439982    | 438560    | 442793    | 440445    | 0.49   | cps   |



|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB97843             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV088              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV088              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-09-07 16:16:04 | DataFile Name :   | 017CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 8399301 | 8305308 | 8325721 | 8343443 | 0.59   | cps   |
| Zirconium | 91-1 | 1824812 | 1824350 | 1831807 | 1826989 | 0.23   | cps   |

LB Number : LB97843 Operator : Jaswal  
 Lab Sample ID : CCB088 Instrumnet Name : P7  
 Client Sample ID : CCB088 Dilution Factor : 1  
 Date & Time Acquired :: 2018-09-07 16:23:02 DataFile Name : 018CCBE.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 133      | 150      | 142      | 142      | 5.88   | cps   |
| Antimony   | 121-1 | 842      | 833      | 850      | 842      | 0.99   | cps   |
| Arsenic    | 75-2  | 7        | 13       | 13       | 11       | 28.84  | cps   |
| Barium     | 135-1 | 17       | 83       | 75       | 58       | 62.27  | cps   |
| Barium     | 137-1 | 175      | 108      | 92       | 125      | 35.28  | cps   |
| Beryllium  | 9-1   | 144      | 111      | 194      | 150      | 27.96  | cps   |
| Bismuth    | 209-1 | 11811068 | 11633567 | 11856724 | 11767120 | 1.00   | cps   |
| Bismuth    | 209-2 | 6797774  | 6764922  | 6787353  | 6783350  | 0.25   | cps   |
| Boron      | 10-1  | 3401     | 3542     | 3350     | 3431     | 2.90   | cps   |
| Boron      | 11-1  | 15992    | 15208    | 14975    | 15392    | 3.46   | cps   |
| Cadmium    | 111-1 | 3484     | 3026     | 3406     | 3305     | 7.42   | cps   |
| Cadmium    | 106-1 | 4968     | 4309     | 4793     | 4690     | 7.27   | cps   |
| Cadmium    | 108-1 | 21       | 17       | 4        | 14       | 62.43  | cps   |
| Calcium    | 43-1  | 258      | 242      | 292      | 264      | 9.65   | cps   |
| Calcium    | 44-1  | 9087     | 9278     | 9120     | 9162     | 1.12   | cps   |
| Chromium   | 52-2  | 633      | 517      | 600      | 583      | 10.30  | cps   |
| Cobalt     | 59-2  | 73       | 77       | 73       | 74       | 2.59   | cps   |
| Copper     | 63-2  | 2164     | 2160     | 2107     | 2144     | 1.48   | cps   |
| Dysprosium | 156-1 | 25       | 0        | 8        | 11       | 114.58 | cps   |
| Dysprosium | 156-2 | 7        | 3        | 13       | 8        | 65.47  | cps   |
| Erbium     | 164-1 | 42       | 50       | 25       | 39       | 32.73  | cps   |
| Erbium     | 164-2 | 23       | 20       | 30       | 24       | 20.83  | cps   |
| Gadolinium | 160-1 | 92       | 58       | 100      | 83       | 26.46  | cps   |
| Gadolinium | 160-2 | 227      | 240      | 227      | 231      | 3.33   | cps   |
| Holmium    | 165-1 | 17848088 | 17534997 | 17822517 | 17735201 | 0.98   | cps   |
| Holmium    | 165-2 | 9031625  | 9086634  | 9111649  | 9076636  | 0.45   | cps   |
| Indium     | 115-1 | 13564096 | 13547508 | 13736010 | 13615871 | 0.77   | cps   |
| Indium     | 115-2 | 2647507  | 2642743  | 2649285  | 2646512  | 0.13   | cps   |
| Iron       | 56-2  | 8386     | 8525     | 8792     | 8568     | 2.41   | cps   |
| Iron       | 57-2  | 256      | 322      | 333      | 304      | 13.85  | cps   |
| Lead       | 206-1 | 744      | 845      | 756      | 782      | 7.01   | cps   |
| Lead       | 207-1 | 811      | 739      | 694      | 748      | 7.87   | cps   |
| Lead       | 208-1 | 3289     | 3228     | 3228     | 3248     | 1.09   | cps   |
| Lithium    | 6-1   | 4489490  | 4441723  | 4522445  | 4484553  | 0.91   | cps   |
| Magnesium  | 24-2  | 575      | 517      | 658      | 583      | 12.21  | cps   |
| Manganese  | 55-2  | 57       | 37       | 37       | 43       | 26.64  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB088              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB088              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:23:02 | DataFile Name :   | 018CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 2134     | 2250     | 2142     | 2175     | 2.99   | cps   |
| Molybdenum | 95-1  | 3017     | 2842     | 2650     | 2837     | 6.47   | cps   |
| Molybdenum | 96-1  | 3601     | 3417     | 3034     | 3351     | 8.63   | cps   |
| Molybdenum | 97-1  | 1809     | 1867     | 1675     | 1784     | 5.51   | cps   |
| Molybdenum | 98-1  | 4759     | 4484     | 4368     | 4537     | 4.43   | cps   |
| Neodymium  | 150-1 | 0        | 0        | 7        | 2        | 173.21 | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 57       | 100      | 60       | 72       | 33.39  | cps   |
| Phosphorus | 31-2  | 158      | 250      | 108      | 172      | 41.72  | cps   |
| Potassium  | 39-2  | 24655    | 24605    | 23494    | 24251    | 2.70   | cps   |
| Rhodium    | 103-1 | 12510773 | 12424214 | 12526776 | 12487254 | 0.44   | cps   |
| Rhodium    | 103-2 | 6155127  | 6144446  | 6125241  | 6141605  | 0.25   | cps   |
| Scandium   | 45-1  | 8716731  | 8784896  | 8717147  | 8739591  | 0.45   | cps   |
| Scandium   | 45-2  | 385983   | 387641   | 389305   | 387643   | 0.43   | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 78       | 65       | 56       | 66       | 16.90  | cps   |
| Selenium   | 82-1  | -31      | 75       | 112      | 52       | 143.63 | cps   |
| Silicon    | 28-1  | 455372   | 465131   | 460058   | 460187   | 1.06   | cps   |
| Silver     | 109-1 | 183      | 192      | 242      | 206      | 15.35  | cps   |
| Silver     | 107-1 | 325      | 258      | 392      | 325      | 20.51  | cps   |
| Sodium     | 23-2  | 30240    | 29613    | 31918    | 30590    | 3.90   | cps   |
| Strontium  | 86-1  | 783      | 725      | 775      | 761      | 4.15   | cps   |
| Strontium  | 88-1  | 217      | 242      | 267      | 242      | 10.34  | cps   |
| Sulfur     | 34-1  | 353592   | 350460   | 349279   | 351110   | 0.63   | cps   |
| Terbium    | 159-1 | 17953727 | 17795538 | 18020536 | 17923267 | 0.64   | cps   |
| Terbium    | 159-2 | 9007757  | 8959109  | 9003738  | 8990201  | 0.30   | cps   |
| Thallium   | 203-1 | 842      | 950      | 875      | 889      | 6.24   | cps   |
| Thallium   | 205-1 | 2275     | 2125     | 2134     | 2178     | 3.87   | cps   |
| Thorium    | 232-1 | 3762     | 3278     | 3373     | 3471     | 7.38   | cps   |
| Tin        | 118-1 | 1525     | 1333     | 1367     | 1408     | 7.27   | cps   |
| Titanium   | 47-1  | 192      | 133      | 142      | 156      | 20.28  | cps   |
| Uranium    | 238-1 | 192      | 150      | 192      | 178      | 13.53  | cps   |
| Vanadium   | 51-2  | 17       | 7        | 17       | 13       | 43.29  | cps   |
| Yttrium    | 89-1  | 13948284 | 13716698 | 13933111 | 13866031 | 0.93   | cps   |
| Yttrium    | 89-2  | 2007565  | 2013716  | 2018834  | 2013371  | 0.28   | cps   |
| Zinc       | 66-2  | 380      | 453      | 417      | 417      | 8.80   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB088              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB088              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:23:02 | DataFile Name :   | 018CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1558 | 1542 | 1483 | 1528    | 2.58   | cps   |
| Zirconium | 91-1 | 367  | 275  | 325  | 322     | 14.25  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB112702BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PBW007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:26:36 | DataFile Name :   | 019CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 67       | 92       | 33       | 64       | 45.81  | cps   |
| Antimony   | 121-1 | 392      | 483      | 375      | 417      | 14.00  | cps   |
| Arsenic    | 75-2  | 11       | 9        | 9        | 10       | 10.81  | cps   |
| Barium     | 135-1 | 75       | 33       | 25       | 44       | 60.28  | cps   |
| Barium     | 137-1 | 92       | 117      | 92       | 100      | 14.43  | cps   |
| Beryllium  | 9-1   | 78       | 72       | 83       | 78       | 7.15   | cps   |
| Bismuth    | 209-1 | 11779418 | 11739092 | 11689097 | 11735869 | 0.39   | cps   |
| Bismuth    | 209-2 | 6782906  | 6792734  | 6806389  | 6794010  | 0.17   | cps   |
| Boron      | 10-1  | 2375     | 2342     | 2450     | 2389     | 2.32   | cps   |
| Boron      | 11-1  | 11221    | 10746    | 10362    | 10776    | 3.99   | cps   |
| Cadmium    | 111-1 | 3500     | 3102     | 3401     | 3334     | 6.21   | cps   |
| Cadmium    | 106-1 | 4976     | 4434     | 4868     | 4759     | 6.02   | cps   |
| Cadmium    | 108-1 | 13       | 21       | 21       | 18       | 26.64  | cps   |
| Calcium    | 43-1  | 217      | 258      | 292      | 256      | 14.70  | cps   |
| Calcium    | 44-1  | 8870     | 9095     | 8778     | 8914     | 1.83   | cps   |
| Chromium   | 52-2  | 493      | 557      | 633      | 561      | 12.49  | cps   |
| Cobalt     | 59-2  | 67       | 60       | 67       | 64       | 5.98   | cps   |
| Copper     | 63-2  | 2110     | 2027     | 2170     | 2102     | 3.42   | cps   |
| Dysprosium | 156-1 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Dysprosium | 156-2 | 10       | 3        | 7        | 7        | 50.03  | cps   |
| Erbium     | 164-1 | 67       | 50       | 42       | 53       | 24.12  | cps   |
| Erbium     | 164-2 | 23       | 17       | 23       | 21       | 18.21  | cps   |
| Gadolinium | 160-1 | 100      | 92       | 50       | 81       | 33.25  | cps   |
| Gadolinium | 160-2 | 213      | 160      | 217      | 197      | 16.17  | cps   |
| Holmium    | 165-1 | 17717654 | 17940696 | 17826934 | 17828428 | 0.63   | cps   |
| Holmium    | 165-2 | 9098503  | 9112484  | 9069707  | 9093565  | 0.24   | cps   |
| Indium     | 115-1 | 13718573 | 13867333 | 13709484 | 13765130 | 0.64   | cps   |
| Indium     | 115-2 | 2671035  | 2654800  | 2671228  | 2665688  | 0.35   | cps   |
| Iron       | 56-2  | 6174     | 6757     | 6296     | 6409     | 4.80   | cps   |
| Iron       | 57-2  | 322      | 250      | 300      | 291      | 12.72  | cps   |
| Lead       | 206-1 | 722      | 694      | 572      | 663      | 12.04  | cps   |
| Lead       | 207-1 | 572      | 522      | 578      | 557      | 5.49   | cps   |
| Lead       | 208-1 | 2572     | 2456     | 2395     | 2474     | 3.65   | cps   |
| Lithium    | 6-1   | 4493236  | 4520813  | 4558113  | 4524054  | 0.72   | cps   |
| Magnesium  | 24-2  | 425      | 558      | 550      | 511      | 14.61  | cps   |
| Manganese  | 55-2  | 47       | 47       | 47       | 47       | 0.00   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB112702BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PBW007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:26:36 | DataFile Name :   | 019CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1225     | 1375     | 1333     | 1311     | 5.91   | cps   |
| Molybdenum | 95-1  | 1375     | 1475     | 1600     | 1483     | 7.60   | cps   |
| Molybdenum | 96-1  | 1600     | 1709     | 1675     | 1661     | 3.34   | cps   |
| Molybdenum | 97-1  | 1042     | 1050     | 667      | 920      | 23.81  | cps   |
| Molybdenum | 98-1  | 2117     | 2209     | 2167     | 2164     | 2.12   | cps   |
| Neodymium  | 150-1 | 0        | 7        | 0        | 2        | 173.21 | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 63       | 57       | 67       | 62       | 8.18   | cps   |
| Phosphorus | 31-2  | 175      | 125      | 175      | 158      | 18.23  | cps   |
| Potassium  | 39-2  | 24271    | 24187    | 23595    | 24017    | 1.53   | cps   |
| Rhodium    | 103-1 | 12634077 | 12801425 | 12721815 | 12719106 | 0.66   | cps   |
| Rhodium    | 103-2 | 6154751  | 6124706  | 6141641  | 6140366  | 0.25   | cps   |
| Scandium   | 45-1  | 8759355  | 8774308  | 8815356  | 8783006  | 0.33   | cps   |
| Scandium   | 45-2  | 389374   | 392213   | 398597   | 393395   | 1.20   | cps   |
| Selenium   | 77-2  | 7        | 0        | 0        | 2        | 173.21 | cps   |
| Selenium   | 78-2  | 78       | 72       | 78       | 76       | 4.23   | cps   |
| Selenium   | 82-1  | 33       | 14       | -15      | 11       | 231.18 | cps   |
| Silicon    | 28-1  | 462705   | 467761   | 468219   | 466228   | 0.66   | cps   |
| Silver     | 109-1 | 133      | 150      | 125      | 136      | 9.35   | cps   |
| Silver     | 107-1 | 250      | 200      | 183      | 211      | 16.44  | cps   |
| Sodium     | 23-2  | 29221    | 29229    | 28136    | 28862    | 2.18   | cps   |
| Strontium  | 86-1  | 867      | 675      | 792      | 778      | 12.42  | cps   |
| Strontium  | 88-1  | 192      | 200      | 183      | 192      | 4.35   | cps   |
| Sulfur     | 34-1  | 364148   | 364246   | 362892   | 363762   | 0.21   | cps   |
| Terbium    | 159-1 | 18153362 | 18249549 | 18029438 | 18144117 | 0.61   | cps   |
| Terbium    | 159-2 | 9029547  | 9021928  | 9012151  | 9021209  | 0.10   | cps   |
| Thallium   | 203-1 | 675      | 533      | 583      | 597      | 12.03  | cps   |
| Thallium   | 205-1 | 1400     | 1242     | 1358     | 1333     | 6.16   | cps   |
| Thorium    | 232-1 | 2389     | 2573     | 2812     | 2591     | 8.17   | cps   |
| Tin        | 118-1 | 1125     | 1142     | 1175     | 1147     | 2.22   | cps   |
| Titanium   | 47-1  | 142      | 133      | 100      | 125      | 17.64  | cps   |
| Uranium    | 238-1 | 83       | 117      | 58       | 86       | 33.98  | cps   |
| Vanadium   | 51-2  | 10       | 10       | 7        | 9        | 21.63  | cps   |
| Yttrium    | 89-1  | 13943802 | 14157891 | 14073926 | 14058540 | 0.77   | cps   |
| Yttrium    | 89-2  | 2018319  | 2021263  | 2034314  | 2024632  | 0.42   | cps   |
| Zinc       | 66-2  | 363      | 400      | 413      | 392      | 6.60   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB112702BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PBW007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:26:36 | DataFile Name :   | 019CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1342 | 1483 | 1392 | 1406    | 5.11   | cps   |
| Zirconium | 91-1 | 333  | 233  | 175  | 247     | 32.39  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB112702BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:30:10 | DataFile Name :   | 020LCSE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 4042     | 4142     | 4184     | 4123     | 1.77   | cps   |
| Antimony   | 121-1 | 37133    | 37936    | 36541    | 37203    | 1.88   | cps   |
| Arsenic    | 75-2  | 687      | 693      | 639      | 673      | 4.39   | cps   |
| Barium     | 135-1 | 46838    | 46846    | 47540    | 47075    | 0.86   | cps   |
| Barium     | 137-1 | 81372    | 83870    | 82168    | 82470    | 1.55   | cps   |
| Beryllium  | 9-1   | 5007     | 4823     | 4756     | 4862     | 2.66   | cps   |
| Bismuth    | 209-1 | 11739490 | 11714129 | 11603016 | 11685545 | 0.62   | cps   |
| Bismuth    | 209-2 | 6793254  | 6769380  | 6730606  | 6764413  | 0.47   | cps   |
| Boron      | 10-1  | 17853    | 17285    | 19188    | 18109    | 5.39   | cps   |
| Boron      | 11-1  | 83398    | 84278    | 86866    | 84847    | 2.12   | cps   |
| Cadmium    | 111-1 | 8745     | 8296     | 8349     | 8463     | 2.90   | cps   |
| Cadmium    | 106-1 | 5326     | 5209     | 5101     | 5212     | 2.16   | cps   |
| Cadmium    | 108-1 | 400      | 425      | 396      | 407      | 3.88   | cps   |
| Calcium    | 43-1  | 29405    | 29639    | 29664    | 29569    | 0.48   | cps   |
| Calcium    | 44-1  | 480600   | 480628   | 490255   | 483827   | 1.15   | cps   |
| Chromium   | 52-2  | 13009    | 13350    | 13113    | 13157    | 1.33   | cps   |
| Cobalt     | 59-2  | 10057    | 10240    | 10094    | 10130    | 0.96   | cps   |
| Copper     | 63-2  | 15902    | 16246    | 16446    | 16198    | 1.70   | cps   |
| Dysprosium | 156-1 | 0        | 0        | 17       | 6        | 173.21 | cps   |
| Dysprosium | 156-2 | 3        | 10       | 0        | 4        | 114.60 | cps   |
| Erbium     | 164-1 | 67       | 83       | 100      | 83       | 20.00  | cps   |
| Erbium     | 164-2 | 53       | 40       | 50       | 48       | 14.52  | cps   |
| Gadolinium | 160-1 | 58       | 67       | 92       | 72       | 24.02  | cps   |
| Gadolinium | 160-2 | 217      | 163      | 227      | 202      | 16.84  | cps   |
| Holmium    | 165-1 | 17678661 | 17762593 | 17626566 | 17689273 | 0.39   | cps   |
| Holmium    | 165-2 | 9078945  | 9007458  | 9102369  | 9062924  | 0.55   | cps   |
| Indium     | 115-1 | 13719359 | 13804948 | 13708071 | 13744126 | 0.39   | cps   |
| Indium     | 115-2 | 2678953  | 2648537  | 2676159  | 2667883  | 0.63   | cps   |
| Iron       | 56-2  | 1070708  | 1064494  | 1073276  | 1069493  | 0.42   | cps   |
| Iron       | 57-2  | 26842    | 26007    | 27538    | 26795    | 2.86   | cps   |
| Lead       | 206-1 | 17234    | 16944    | 16644    | 16941    | 1.74   | cps   |
| Lead       | 207-1 | 15415    | 15120    | 15610    | 15382    | 1.60   | cps   |
| Lead       | 208-1 | 69645    | 67479    | 68716    | 68613    | 1.58   | cps   |
| Lithium    | 6-1   | 4527042  | 4560938  | 4534631  | 4540870  | 0.39   | cps   |
| Magnesium  | 24-2  | 238841   | 233485   | 237402   | 236576   | 1.17   | cps   |
| Manganese  | 55-2  | 3904     | 3600     | 3804     | 3769     | 4.10   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB112702BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:30:10 | DataFile Name :   | 020LCSE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 40743    | 40082    | 40316    | 40380    | 0.83   | cps   |
| Molybdenum | 95-1  | 48073    | 48132    | 49863    | 48690    | 2.09   | cps   |
| Molybdenum | 96-1  | 53351    | 53978    | 54371    | 53900    | 0.95   | cps   |
| Molybdenum | 97-1  | 29698    | 30960    | 30726    | 30461    | 2.20   | cps   |
| Molybdenum | 98-1  | 77788    | 78844    | 76992    | 77875    | 1.19   | cps   |
| Neodymium  | 150-1 | 0        | 13       | 7        | 7        | 99.98  | cps   |
| Neodymium  | 150-2 | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Nickel     | 60-2  | 3037     | 2917     | 2957     | 2970     | 2.06   | cps   |
| Phosphorus | 31-2  | 192      | 167      | 158      | 172      | 10.07  | cps   |
| Potassium  | 39-2  | 237946   | 238649   | 237168   | 237921   | 0.31   | cps   |
| Rhodium    | 103-1 | 12741548 | 12855403 | 12694838 | 12763930 | 0.65   | cps   |
| Rhodium    | 103-2 | 6169971  | 6106971  | 6147385  | 6141442  | 0.52   | cps   |
| Scandium   | 45-1  | 8817522  | 8901222  | 8839008  | 8852584  | 0.49   | cps   |
| Scandium   | 45-2  | 395034   | 391809   | 395590   | 394145   | 0.52   | cps   |
| Selenium   | 77-2  | 80       | 107      | 77       | 88       | 18.73  | cps   |
| Selenium   | 78-2  | 356      | 420      | 348      | 375      | 10.60  | cps   |
| Selenium   | 82-1  | 1963     | 2056     | 1826     | 1948     | 5.94   | cps   |
| Silicon    | 28-1  | 670736   | 670006   | 669287   | 670010   | 0.11   | cps   |
| Silver     | 109-1 | 24313    | 23687    | 24288    | 24096    | 1.47   | cps   |
| Silver     | 107-1 | 25482    | 25866    | 25875    | 25741    | 0.87   | cps   |
| Sodium     | 23-2  | 479579   | 477231   | 481282   | 479364   | 0.42   | cps   |
| Strontium  | 86-1  | 7019     | 6802     | 7335     | 7052     | 3.81   | cps   |
| Strontium  | 88-1  | 56287    | 55341    | 55500    | 55709    | 0.91   | cps   |
| Sulfur     | 34-1  | 367537   | 369707   | 371582   | 369608   | 0.55   | cps   |
| Terbium    | 159-1 | 18055307 | 18099672 | 18044353 | 18066444 | 0.16   | cps   |
| Terbium    | 159-2 | 9049916  | 8892975  | 8987822  | 8976904  | 0.88   | cps   |
| Thallium   | 203-1 | 20024    | 20316    | 20099    | 20147    | 0.75   | cps   |
| Thallium   | 205-1 | 49200    | 48306    | 49719    | 49075    | 1.46   | cps   |
| Thorium    | 232-1 | 71735    | 73484    | 74735    | 73318    | 2.06   | cps   |
| Tin        | 118-1 | 80363    | 79692    | 80732    | 80262    | 0.66   | cps   |
| Titanium   | 47-1  | 13890    | 13965    | 13448    | 13768    | 2.03   | cps   |
| Uranium    | 238-1 | 68481    | 69100    | 70282    | 69288    | 1.32   | cps   |
| Vanadium   | 51-2  | 23375    | 23966    | 23242    | 23528    | 1.64   | cps   |
| Yttrium    | 89-1  | 14096471 | 14188753 | 14104391 | 14129872 | 0.36   | cps   |
| Yttrium    | 89-2  | 2031291  | 2015117  | 2047617  | 2031342  | 0.80   | cps   |
| Zinc       | 66-2  | 2620     | 2684     | 2520     | 2608     | 3.16   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB112702BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:30:10 | DataFile Name :   | 020LCSE.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 90-1 | 36096 | 35721 | 36581 | 36133   | 1.19   | cps   |
| Zirconium | 91-1 | 7486  | 7752  | 7861  | 7700    | 2.51   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4785-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | MBEAQ2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:33:44 | DataFile Name :   | 021SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 3034     | 2584     | 2742     | 2786     | 8.19   | cps   |
| Antimony   | 121-1 | 692      | 892      | 883      | 822      | 13.76  | cps   |
| Arsenic    | 75-2  | 52       | 48       | 43       | 48       | 9.81   | cps   |
| Barium     | 135-1 | 95376    | 93129    | 94117    | 94207    | 1.20   | cps   |
| Barium     | 137-1 | 163741   | 162786   | 162499   | 163008   | 0.40   | cps   |
| Beryllium  | 9-1   | 94       | 78       | 100      | 91       | 12.74  | cps   |
| Bismuth    | 209-1 | 12304341 | 12301961 | 12205054 | 12270452 | 0.46   | cps   |
| Bismuth    | 209-2 | 7008966  | 7039456  | 6970174  | 7006199  | 0.50   | cps   |
| Boron      | 10-1  | 13298    | 13765    | 13857    | 13640    | 2.20   | cps   |
| Boron      | 11-1  | 65116    | 65242    | 63116    | 64491    | 1.85   | cps   |
| Cadmium    | 111-1 | 3878     | 3695     | 3407     | 3660     | 6.49   | cps   |
| Cadmium    | 106-1 | 5501     | 5168     | 4768     | 5146     | 7.14   | cps   |
| Cadmium    | 108-1 | 21       | 21       | 38       | 26       | 36.47  | cps   |
| Calcium    | 43-1  | 2297655  | 2266746  | 2252713  | 2272371  | 1.01   | cps   |
| Calcium    | 44-1  | 36901724 | 36627020 | 36288500 | 36605748 | 0.84   | cps   |
| Chromium   | 52-2  | 2504     | 2374     | 2437     | 2438     | 2.67   | cps   |
| Cobalt     | 59-2  | 480      | 457      | 507      | 481      | 5.20   | cps   |
| Copper     | 63-2  | 5334     | 5494     | 5261     | 5363     | 2.23   | cps   |
| Dysprosium | 156-1 | 475      | 317      | 358      | 383      | 21.41  | cps   |
| Dysprosium | 156-2 | 210      | 220      | 153      | 194      | 18.49  | cps   |
| Erbium     | 164-1 | 442      | 500      | 542      | 494      | 10.16  | cps   |
| Erbium     | 164-2 | 287      | 320      | 310      | 306      | 5.60   | cps   |
| Gadolinium | 160-1 | 508      | 533      | 542      | 528      | 3.29   | cps   |
| Gadolinium | 160-2 | 443      | 407      | 467      | 439      | 6.89   | cps   |
| Holmium    | 165-1 | 19448010 | 19255001 | 19251162 | 19318058 | 0.58   | cps   |
| Holmium    | 165-2 | 9776237  | 9807510  | 9825416  | 9803055  | 0.25   | cps   |
| Indium     | 115-1 | 14850276 | 14555717 | 14572323 | 14659439 | 1.13   | cps   |
| Indium     | 115-2 | 2801915  | 2822664  | 2814852  | 2813144  | 0.37   | cps   |
| Iron       | 56-2  | 18367    | 18779    | 19135    | 18761    | 2.05   | cps   |
| Iron       | 57-2  | 8453     | 9086     | 8575     | 8705     | 3.86   | cps   |
| Lead       | 206-1 | 2367     | 1845     | 1628     | 1946     | 19.52  | cps   |
| Lead       | 207-1 | 2067     | 1628     | 1567     | 1754     | 15.55  | cps   |
| Lead       | 208-1 | 9229     | 7490     | 6367     | 7696     | 18.74  | cps   |
| Lithium    | 6-1   | 4981474  | 4922842  | 4948232  | 4950849  | 0.59   | cps   |
| Magnesium  | 24-2  | 6611379  | 6643801  | 6579596  | 6611592  | 0.49   | cps   |
| Manganese  | 55-2  | 750      | 783      | 800      | 778      | 3.27   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4785-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | MBEAQ2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:33:44 | DataFile Name :   | 021SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1375     | 1375     | 1408     | 1386     | 1.39   | cps   |
| Molybdenum | 95-1  | 1500     | 1734     | 1633     | 1622     | 7.22   | cps   |
| Molybdenum | 96-1  | 1734     | 1792     | 1900     | 1809     | 4.68   | cps   |
| Molybdenum | 97-1  | 1117     | 933      | 975      | 1008     | 9.53   | cps   |
| Molybdenum | 98-1  | 2434     | 2700     | 2484     | 2539     | 5.58   | cps   |
| Neodymium  | 150-1 | 487      | 387      | 487      | 453      | 12.74  | cps   |
| Neodymium  | 150-2 | 193      | 173      | 193      | 187      | 6.19   | cps   |
| Nickel     | 60-2  | 1477     | 1363     | 1397     | 1412     | 4.12   | cps   |
| Phosphorus | 31-2  | 167      | 183      | 175      | 175      | 4.76   | cps   |
| Potassium  | 39-2  | 866071   | 878847   | 876908   | 873942   | 0.79   | cps   |
| Rhodium    | 103-1 | 13138620 | 12976401 | 12980616 | 13031879 | 0.71   | cps   |
| Rhodium    | 103-2 | 6289029  | 6320131  | 6309826  | 6306329  | 0.25   | cps   |
| Scandium   | 45-1  | 9533398  | 9418453  | 9486912  | 9479588  | 0.61   | cps   |
| Scandium   | 45-2  | 419796   | 422306   | 421136   | 421079   | 0.30   | cps   |
| Selenium   | 77-2  | 7        | 30       | 13       | 17       | 72.11  | cps   |
| Selenium   | 78-2  | 109      | 93       | 104      | 102      | 8.33   | cps   |
| Selenium   | 82-1  | 170      | 219      | 227      | 205      | 15.11  | cps   |
| Silicon    | 28-1  | 61794793 | 61036678 | 60681276 | 61170916 | 0.93   | cps   |
| Silver     | 109-1 | 808      | 958      | 1000     | 922      | 10.93  | cps   |
| Silver     | 107-1 | 817      | 908      | 1075     | 933      | 14.03  | cps   |
| Sodium     | 23-2  | 69972654 | 70604399 | 69878485 | 70151846 | 0.56   | cps   |
| Strontium  | 86-1  | 721123   | 704484   | 702778   | 709462   | 1.43   | cps   |
| Strontium  | 88-1  | 6222916  | 6153123  | 6107573  | 6161204  | 0.94   | cps   |
| Sulfur     | 34-1  | 765525   | 757724   | 767866   | 763705   | 0.70   | cps   |
| Terbium    | 159-1 | 19796058 | 19628519 | 19692149 | 19705575 | 0.43   | cps   |
| Terbium    | 159-2 | 9673433  | 9681819  | 9648015  | 9667756  | 0.18   | cps   |
| Thallium   | 203-1 | 1600     | 1750     | 1600     | 1650     | 5.25   | cps   |
| Thallium   | 205-1 | 4092     | 3934     | 3617     | 3881     | 6.23   | cps   |
| Thorium    | 232-1 | 611      | 694      | 606      | 637      | 7.82   | cps   |
| Tin        | 118-1 | 2967     | 2609     | 2609     | 2728     | 7.59   | cps   |
| Titanium   | 47-1  | 1242     | 1183     | 1158     | 1195     | 3.58   | cps   |
| Uranium    | 238-1 | 25242    | 25000    | 24491    | 24911    | 1.54   | cps   |
| Vanadium   | 51-2  | 1890     | 1883     | 1870     | 1881     | 0.54   | cps   |
| Yttrium    | 89-1  | 15172254 | 15013051 | 15048061 | 15077789 | 0.55   | cps   |
| Yttrium    | 89-2  | 2155336  | 2171778  | 2159090  | 2162068  | 0.40   | cps   |
| Zinc       | 66-2  | 7826     | 7729     | 7879     | 7811     | 0.97   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4785-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | MBEAQ2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:33:44 | DataFile Name :   | 021SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1633 | 1650 | 1750 | 1678    | 3.76   | cps   |
| Zirconium | 91-1 | 317  | 333  | 367  | 339     | 7.51   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4785-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | MBEAQ2D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:37:23 | DataFile Name :   | 022SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2867     | 2942     | 2617     | 2809     | 6.06   | cps   |
| Antimony   | 121-1 | 808      | 883      | 733      | 808      | 9.28   | cps   |
| Arsenic    | 75-2  | 48       | 31       | 61       | 47       | 31.66  | cps   |
| Barium     | 135-1 | 92138    | 93280    | 94109    | 93176    | 1.06   | cps   |
| Barium     | 137-1 | 162988   | 165854   | 161657   | 163500   | 1.31   | cps   |
| Beryllium  | 9-1   | 94       | 61       | 150      | 102      | 44.09  | cps   |
| Bismuth    | 209-1 | 12153126 | 12041399 | 12129638 | 12108054 | 0.49   | cps   |
| Bismuth    | 209-2 | 6958780  | 7001811  | 6933091  | 6964561  | 0.50   | cps   |
| Boron      | 10-1  | 13365    | 13156    | 13665    | 13395    | 1.91   | cps   |
| Boron      | 11-1  | 62329    | 63744    | 64839    | 63637    | 1.98   | cps   |
| Cadmium    | 111-1 | 3767     | 3671     | 3524     | 3654     | 3.34   | cps   |
| Cadmium    | 106-1 | 5335     | 5218     | 4976     | 5176     | 3.53   | cps   |
| Cadmium    | 108-1 | 25       | 21       | 25       | 24       | 10.20  | cps   |
| Calcium    | 43-1  | 2298808  | 2289843  | 2271304  | 2286652  | 0.61   | cps   |
| Calcium    | 44-1  | 37073032 | 36870008 | 36822557 | 36921866 | 0.36   | cps   |
| Chromium   | 52-2  | 2410     | 2437     | 2387     | 2411     | 1.04   | cps   |
| Cobalt     | 59-2  | 457      | 517      | 503      | 492      | 6.40   | cps   |
| Copper     | 63-2  | 5718     | 6015     | 5795     | 5842     | 2.64   | cps   |
| Dysprosium | 156-1 | 275      | 292      | 342      | 303      | 11.46  | cps   |
| Dysprosium | 156-2 | 193      | 193      | 210      | 199      | 4.84   | cps   |
| Erbium     | 164-1 | 542      | 617      | 533      | 564      | 8.14   | cps   |
| Erbium     | 164-2 | 280      | 277      | 207      | 254      | 16.28  | cps   |
| Gadolinium | 160-1 | 617      | 608      | 458      | 561      | 15.88  | cps   |
| Gadolinium | 160-2 | 433      | 457      | 507      | 466      | 8.05   | cps   |
| Holmium    | 165-1 | 19151144 | 19297757 | 19225312 | 19224738 | 0.38   | cps   |
| Holmium    | 165-2 | 9700067  | 9762009  | 9726208  | 9729428  | 0.32   | cps   |
| Indium     | 115-1 | 14668518 | 14594476 | 14592737 | 14618577 | 0.30   | cps   |
| Indium     | 115-2 | 2770783  | 2805821  | 2808103  | 2794902  | 0.75   | cps   |
| Iron       | 56-2  | 18351    | 18946    | 18223    | 18507    | 2.09   | cps   |
| Iron       | 57-2  | 8603     | 8920     | 9031     | 8851     | 2.51   | cps   |
| Lead       | 206-1 | 1256     | 1000     | 1222     | 1159     | 11.98  | cps   |
| Lead       | 207-1 | 1128     | 967      | 967      | 1020     | 9.12   | cps   |
| Lead       | 208-1 | 4845     | 4134     | 4406     | 4462     | 8.04   | cps   |
| Lithium    | 6-1   | 4984431  | 4955189  | 5031048  | 4990223  | 0.77   | cps   |
| Magnesium  | 24-2  | 6662763  | 6650039  | 6603991  | 6638931  | 0.47   | cps   |
| Manganese  | 55-2  | 673      | 773      | 793      | 747      | 8.61   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4785-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | MBEAQ2D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:37:23 | DataFile Name :   | 022SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1208     | 1433     | 1325     | 1322     | 8.51   | cps   |
| Molybdenum | 95-1  | 1383     | 1325     | 1283     | 1331     | 3.78   | cps   |
| Molybdenum | 96-1  | 1692     | 1533     | 1558     | 1595     | 5.34   | cps   |
| Molybdenum | 97-1  | 967      | 742      | 983      | 897      | 15.04  | cps   |
| Molybdenum | 98-1  | 2300     | 2325     | 2292     | 2306     | 0.75   | cps   |
| Neodymium  | 150-1 | 420      | 367      | 547      | 444      | 20.80  | cps   |
| Neodymium  | 150-2 | 183      | 197      | 143      | 174      | 15.91  | cps   |
| Nickel     | 60-2  | 1260     | 1350     | 1727     | 1446     | 17.14  | cps   |
| Phosphorus | 31-2  | 258      | 108      | 142      | 169      | 46.48  | cps   |
| Potassium  | 39-2  | 876625   | 871425   | 876760   | 874937   | 0.35   | cps   |
| Rhodium    | 103-1 | 13090332 | 13022056 | 13004943 | 13039110 | 0.35   | cps   |
| Rhodium    | 103-2 | 6238798  | 6315186  | 6286111  | 6280032  | 0.61   | cps   |
| Scandium   | 45-1  | 9590031  | 9425627  | 9568957  | 9528205  | 0.94   | cps   |
| Scandium   | 45-2  | 421423   | 420868   | 422758   | 421683   | 0.23   | cps   |
| Selenium   | 77-2  | 20       | 7        | 0        | 9        | 114.55 | cps   |
| Selenium   | 78-2  | 76       | 83       | 109      | 90       | 19.55  | cps   |
| Selenium   | 82-1  | 246      | 270      | 254      | 257      | 4.69   | cps   |
| Silicon    | 28-1  | 61642618 | 61658893 | 61310495 | 61537335 | 0.32   | cps   |
| Silver     | 109-1 | 908      | 767      | 1117     | 931      | 18.92  | cps   |
| Silver     | 107-1 | 967      | 925      | 992      | 961      | 3.50   | cps   |
| Sodium     | 23-2  | 69969631 | 70505087 | 70474895 | 70316538 | 0.43   | cps   |
| Strontium  | 86-1  | 709963   | 709839   | 713911   | 711238   | 0.33   | cps   |
| Strontium  | 88-1  | 6198407  | 6171037  | 6147794  | 6172413  | 0.41   | cps   |
| Sulfur     | 34-1  | 778680   | 781602   | 780862   | 780382   | 0.19   | cps   |
| Terbium    | 159-1 | 19521297 | 19564199 | 19551879 | 19545792 | 0.11   | cps   |
| Terbium    | 159-2 | 9524582  | 9625597  | 9579492  | 9576557  | 0.53   | cps   |
| Thallium   | 203-1 | 675      | 825      | 767      | 756      | 10.01  | cps   |
| Thallium   | 205-1 | 1817     | 1742     | 2025     | 1861     | 7.89   | cps   |
| Thorium    | 232-1 | 417      | 617      | 617      | 550      | 20.99  | cps   |
| Tin        | 118-1 | 2342     | 2434     | 2642     | 2473     | 6.22   | cps   |
| Titanium   | 47-1  | 1225     | 1375     | 1275     | 1292     | 5.91   | cps   |
| Uranium    | 238-1 | 24073    | 25568    | 24992    | 24877    | 3.03   | cps   |
| Vanadium   | 51-2  | 2020     | 1904     | 1920     | 1948     | 3.24   | cps   |
| Yttrium    | 89-1  | 15185183 | 14978995 | 15113092 | 15092423 | 0.69   | cps   |
| Yttrium    | 89-2  | 2145300  | 2159984  | 2163106  | 2156130  | 0.44   | cps   |
| Zinc       | 66-2  | 7265     | 7555     | 7395     | 7405     | 1.96   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4785-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | MBEAQ2D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:37:23 | DataFile Name :   | 022SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1825 | 1675 | 1375 | 1625    | 14.10  | cps   |
| Zirconium | 91-1 | 308  | 375  | 400  | 361     | 13.12  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4785-01LREX5       | Instrumnet Name : | P7        |
| Client Sample ID :      | MBEAQ2L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-09-07 16:41:01 | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 650      | 650      | 800      | 700      | 12.37  | cps   |
| Antimony   | 121-1 | 267      | 267      | 183      | 239      | 20.14  | cps   |
| Arsenic    | 75-2  | 19       | 19       | 7        | 15       | 43.29  | cps   |
| Barium     | 135-1 | 16911    | 16636    | 17044    | 16864    | 1.24   | cps   |
| Barium     | 137-1 | 30902    | 30451    | 30568    | 30640    | 0.76   | cps   |
| Beryllium  | 9-1   | 83       | 89       | 83       | 85       | 3.76   | cps   |
| Bismuth    | 209-1 | 11484143 | 11363637 | 11432920 | 11426900 | 0.53   | cps   |
| Bismuth    | 209-2 | 6593421  | 6560518  | 6509047  | 6554329  | 0.65   | cps   |
| Boron      | 10-1  | 4584     | 4351     | 3992     | 4309     | 6.92   | cps   |
| Boron      | 11-1  | 19722    | 19588    | 19722    | 19677    | 0.39   | cps   |
| Cadmium    | 111-1 | 3636     | 3303     | 3405     | 3448     | 4.94   | cps   |
| Cadmium    | 106-1 | 5193     | 4718     | 4843     | 4918     | 5.01   | cps   |
| Cadmium    | 108-1 | 17       | 17       | 8        | 14       | 34.67  | cps   |
| Calcium    | 43-1  | 422908   | 416154   | 415009   | 418024   | 1.02   | cps   |
| Calcium    | 44-1  | 6738701  | 6714455  | 6680117  | 6711091  | 0.44   | cps   |
| Chromium   | 52-2  | 1037     | 1033     | 997      | 1022     | 2.17   | cps   |
| Cobalt     | 59-2  | 190      | 133      | 123      | 149      | 24.14  | cps   |
| Copper     | 63-2  | 6415     | 6345     | 6211     | 6324     | 1.63   | cps   |
| Dysprosium | 156-1 | 83       | 42       | 108      | 78       | 43.30  | cps   |
| Dysprosium | 156-2 | 50       | 37       | 43       | 43       | 15.38  | cps   |
| Erbium     | 164-1 | 125      | 175      | 108      | 136      | 25.49  | cps   |
| Erbium     | 164-2 | 80       | 50       | 80       | 70       | 24.74  | cps   |
| Gadolinium | 160-1 | 117      | 183      | 258      | 186      | 38.08  | cps   |
| Gadolinium | 160-2 | 310      | 267      | 217      | 264      | 17.66  | cps   |
| Holmium    | 165-1 | 17475397 | 17413763 | 17488539 | 17459233 | 0.23   | cps   |
| Holmium    | 165-2 | 8870670  | 8793059  | 8777670  | 8813800  | 0.57   | cps   |
| Indium     | 115-1 | 13409018 | 13234986 | 13402771 | 13348925 | 0.74   | cps   |
| Indium     | 115-2 | 2577247  | 2569150  | 2547635  | 2564677  | 0.60   | cps   |
| Iron       | 56-2  | 8669     | 8219     | 8341     | 8410     | 2.77   | cps   |
| Iron       | 57-2  | 1711     | 1756     | 1667     | 1711     | 2.60   | cps   |
| Lead       | 206-1 | 2723     | 2611     | 2495     | 2610     | 4.37   | cps   |
| Lead       | 207-1 | 2389     | 2078     | 2278     | 2248     | 7.01   | cps   |
| Lead       | 208-1 | 10341    | 10285    | 10319    | 10315    | 0.27   | cps   |
| Lithium    | 6-1   | 4511710  | 4491328  | 4488924  | 4497321  | 0.28   | cps   |
| Magnesium  | 24-2  | 1186737  | 1172785  | 1175106  | 1178209  | 0.63   | cps   |
| Manganese  | 55-2  | 190      | 210      | 207      | 202      | 5.30   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4785-01LREX5       | Instrumnet Name : | P7        |
| Client Sample ID :      | MBEAQ2L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-09-07 16:41:01 | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 658      | 783      | 842      | 761      | 12.31  | cps   |
| Molybdenum | 95-1  | 675      | 617      | 617      | 636      | 5.29   | cps   |
| Molybdenum | 96-1  | 933      | 800      | 850      | 861      | 7.82   | cps   |
| Molybdenum | 97-1  | 467      | 383      | 267      | 372      | 26.99  | cps   |
| Molybdenum | 98-1  | 917      | 1183     | 1142     | 1081     | 13.28  | cps   |
| Neodymium  | 150-1 | 120      | 53       | 113      | 96       | 38.42  | cps   |
| Neodymium  | 150-2 | 27       | 33       | 33       | 31       | 12.36  | cps   |
| Nickel     | 60-2  | 1390     | 1293     | 1303     | 1329     | 4.00   | cps   |
| Phosphorus | 31-2  | 167      | 125      | 158      | 150      | 14.70  | cps   |
| Potassium  | 39-2  | 176642   | 174869   | 173683   | 175065   | 0.85   | cps   |
| Rhodium    | 103-1 | 12179921 | 12102011 | 12212228 | 12164720 | 0.47   | cps   |
| Rhodium    | 103-2 | 5949605  | 5835364  | 5807089  | 5864019  | 1.29   | cps   |
| Scandium   | 45-1  | 8651178  | 8568400  | 8517941  | 8579173  | 0.78   | cps   |
| Scandium   | 45-2  | 381344   | 373727   | 373035   | 376035   | 1.23   | cps   |
| Selenium   | 77-2  | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 72       | 65       | 54       | 64       | 14.66  | cps   |
| Selenium   | 82-1  | 36       | 24       | 16       | 25       | 38.11  | cps   |
| Silicon    | 28-1  | 11380699 | 11326933 | 11295450 | 11334360 | 0.38   | cps   |
| Silver     | 109-1 | 383      | 492      | 358      | 411      | 17.24  | cps   |
| Silver     | 107-1 | 533      | 467      | 367      | 456      | 18.41  | cps   |
| Sodium     | 23-2  | 12716238 | 12532770 | 12612842 | 12620617 | 0.73   | cps   |
| Strontium  | 86-1  | 128916   | 128361   | 128614   | 128630   | 0.22   | cps   |
| Strontium  | 88-1  | 1118557  | 1117501  | 1125816  | 1120624  | 0.40   | cps   |
| Sulfur     | 34-1  | 444636   | 447183   | 446310   | 446043   | 0.29   | cps   |
| Terbium    | 159-1 | 17696040 | 17754114 | 17652178 | 17700777 | 0.29   | cps   |
| Terbium    | 159-2 | 8719328  | 8678095  | 8612148  | 8669857  | 0.62   | cps   |
| Thallium   | 203-1 | 267      | 225      | 292      | 261      | 12.90  | cps   |
| Thallium   | 205-1 | 500      | 575      | 492      | 522      | 8.79   | cps   |
| Thorium    | 232-1 | 1572     | 1556     | 1556     | 1561     | 0.62   | cps   |
| Tin        | 118-1 | 1258     | 1300     | 1342     | 1300     | 3.21   | cps   |
| Titanium   | 47-1  | 300      | 383      | 325      | 336      | 12.72  | cps   |
| Uranium    | 238-1 | 4693     | 4201     | 4343     | 4412     | 5.74   | cps   |
| Vanadium   | 51-2  | 427      | 410      | 447      | 428      | 4.29   | cps   |
| Yttrium    | 89-1  | 13715338 | 13643299 | 13701813 | 13686817 | 0.28   | cps   |
| Yttrium    | 89-2  | 1957115  | 1958319  | 1932150  | 1949195  | 0.76   | cps   |
| Zinc       | 66-2  | 3964     | 3774     | 3804     | 3847     | 2.66   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4785-01LREX5       | Instrumnet Name : | P7        |
| Client Sample ID :      | MBEAQ2L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-09-07 16:41:01 | DataFile Name :   | 023SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1267 | 1517 | 1158 | 1314    | 13.99  | cps   |
| Zirconium | 91-1 | 225  | 317  | 217  | 253     | 21.95  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4785-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | MBEAQ2S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:44:36 | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 208918   | 210383   | 209397   | 209566   | 0.36   | cps   |
| Antimony   | 121-1 | 1037397  | 1032955  | 1036108  | 1035487  | 0.22   | cps   |
| Arsenic    | 75-2  | 14166    | 14166    | 14148    | 14160    | 0.08   | cps   |
| Barium     | 135-1 | 5347265  | 5329607  | 5324525  | 5333799  | 0.22   | cps   |
| Barium     | 137-1 | 9304936  | 9338241  | 9303594  | 9315590  | 0.21   | cps   |
| Beryllium  | 9-1   | 137747   | 137321   | 136285   | 137118   | 0.55   | cps   |
| Bismuth    | 209-1 | 12017843 | 12238816 | 12078728 | 12111796 | 0.94   | cps   |
| Bismuth    | 209-2 | 6839957  | 6869509  | 6803777  | 6837748  | 0.48   | cps   |
| Boron      | 10-1  | 12114    | 12664    | 12514    | 12431    | 2.29   | cps   |
| Boron      | 11-1  | 56482    | 58297    | 58657    | 57812    | 2.02   | cps   |
| Cadmium    | 111-1 | 144742   | 144877   | 141574   | 143731   | 1.30   | cps   |
| Cadmium    | 106-1 | 18062    | 17637    | 17520    | 17740    | 1.61   | cps   |
| Cadmium    | 108-1 | 9011     | 9445     | 9612     | 9356     | 3.31   | cps   |
| Calcium    | 43-1  | 2185154  | 2192518  | 2162679  | 2180117  | 0.71   | cps   |
| Calcium    | 44-1  | 35299303 | 35506294 | 35014805 | 35273467 | 0.70   | cps   |
| Chromium   | 52-2  | 636893   | 636016   | 636697   | 636535   | 0.07   | cps   |
| Cobalt     | 59-2  | 2558903  | 2552531  | 2549011  | 2553482  | 0.20   | cps   |
| Copper     | 63-2  | 929835   | 925766   | 925756   | 927119   | 0.25   | cps   |
| Dysprosium | 156-1 | 367      | 283      | 300      | 317      | 13.93  | cps   |
| Dysprosium | 156-2 | 297      | 247      | 230      | 258      | 13.46  | cps   |
| Erbium     | 164-1 | 408      | 425      | 567      | 467      | 18.64  | cps   |
| Erbium     | 164-2 | 280      | 263      | 207      | 250      | 15.38  | cps   |
| Gadolinium | 160-1 | 467      | 475      | 517      | 486      | 5.51   | cps   |
| Gadolinium | 160-2 | 467      | 430      | 437      | 444      | 4.39   | cps   |
| Holmium    | 165-1 | 19057260 | 19355673 | 19129859 | 19180930 | 0.81   | cps   |
| Holmium    | 165-2 | 9645168  | 9631412  | 9518600  | 9598394  | 0.72   | cps   |
| Indium     | 115-1 | 14429372 | 14654736 | 14330575 | 14471561 | 1.15   | cps   |
| Indium     | 115-2 | 2743190  | 2773844  | 2749265  | 2755433  | 0.59   | cps   |
| Iron       | 56-2  | 2686224  | 2676503  | 2611818  | 2658182  | 1.52   | cps   |
| Iron       | 57-2  | 73785    | 74171    | 73534    | 73830    | 0.43   | cps   |
| Lead       | 206-1 | 180103   | 179523   | 181838   | 180488   | 0.67   | cps   |
| Lead       | 207-1 | 164212   | 165670   | 163267   | 164383   | 0.74   | cps   |
| Lead       | 208-1 | 728085   | 736336   | 729834   | 731418   | 0.59   | cps   |
| Lithium    | 6-1   | 4902586  | 5048669  | 4964469  | 4971908  | 1.47   | cps   |
| Magnesium  | 24-2  | 6265029  | 6271244  | 6220005  | 6252093  | 0.45   | cps   |
| Manganese  | 55-2  | 903710   | 899259   | 905762   | 902910   | 0.37   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4785-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | MBEAQ2S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:44:36 | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 2559     | 2800     | 2384     | 2581     | 8.11   | cps   |
| Molybdenum | 95-1  | 3642     | 3401     | 3234     | 3426     | 6.00   | cps   |
| Molybdenum | 96-1  | 3992     | 3692     | 3876     | 3853     | 3.93   | cps   |
| Molybdenum | 97-1  | 2067     | 2292     | 2117     | 2159     | 5.47   | cps   |
| Molybdenum | 98-1  | 5468     | 5935     | 5351     | 5585     | 5.53   | cps   |
| Neodymium  | 150-1 | 780      | 773      | 800      | 784      | 1.77   | cps   |
| Neodymium  | 150-2 | 170      | 223      | 187      | 193      | 14.11  | cps   |
| Nickel     | 60-2  | 686383   | 682161   | 675857   | 681467   | 0.78   | cps   |
| Phosphorus | 31-2  | 225      | 175      | 167      | 189      | 16.70  | cps   |
| Potassium  | 39-2  | 829158   | 832892   | 817323   | 826457   | 0.98   | cps   |
| Rhodium    | 103-1 | 12954956 | 13018444 | 12682972 | 12885457 | 1.38   | cps   |
| Rhodium    | 103-2 | 6201807  | 6190295  | 6116474  | 6169525  | 0.75   | cps   |
| Scandium   | 45-1  | 9269202  | 9411879  | 9258203  | 9313095  | 0.92   | cps   |
| Scandium   | 45-2  | 410917   | 409190   | 407666   | 409258   | 0.40   | cps   |
| Selenium   | 77-2  | 1327     | 1343     | 1290     | 1320     | 2.07   | cps   |
| Selenium   | 78-2  | 4660     | 4699     | 4636     | 4665     | 0.68   | cps   |
| Selenium   | 82-1  | 30825    | 31401    | 31167    | 31131    | 0.93   | cps   |
| Silicon    | 28-1  | 58271260 | 58882860 | 58456412 | 58536844 | 0.54   | cps   |
| Silver     | 109-1 | 623633   | 622690   | 622061   | 622795   | 0.13   | cps   |
| Silver     | 107-1 | 640738   | 654099   | 647241   | 647359   | 1.03   | cps   |
| Sodium     | 23-2  | 66811787 | 66253226 | 65813754 | 66292922 | 0.75   | cps   |
| Strontium  | 86-1  | 685843   | 686932   | 680562   | 684446   | 0.50   | cps   |
| Strontium  | 88-1  | 5943897  | 6000074  | 5923056  | 5955676  | 0.67   | cps   |
| Sulfur     | 34-1  | 747143   | 746798   | 751691   | 748544   | 0.36   | cps   |
| Terbium    | 159-1 | 19440286 | 19770356 | 19345914 | 19518852 | 1.14   | cps   |
| Terbium    | 159-2 | 9476325  | 9463615  | 9426952  | 9455630  | 0.27   | cps   |
| Thallium   | 203-1 | 536667   | 544181   | 541216   | 540688   | 0.70   | cps   |
| Thallium   | 205-1 | 1276014  | 1287001  | 1291799  | 1284938  | 0.63   | cps   |
| Thorium    | 232-1 | 533      | 556      | 422      | 504      | 14.18  | cps   |
| Tin        | 118-1 | 10313    | 9962     | 9821     | 10032    | 2.52   | cps   |
| Titanium   | 47-1  | 1300     | 1258     | 1317     | 1292     | 2.33   | cps   |
| Uranium    | 238-1 | 24758    | 24624    | 24090    | 24491    | 1.44   | cps   |
| Vanadium   | 51-2  | 1300996  | 1293989  | 1297290  | 1297425  | 0.27   | cps   |
| Yttrium    | 89-1  | 14869885 | 15128718 | 14859887 | 14952830 | 1.02   | cps   |
| Yttrium    | 89-2  | 2114011  | 2115586  | 2114086  | 2114561  | 0.04   | cps   |
| Zinc       | 66-2  | 270507   | 270742   | 271431   | 270893   | 0.18   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4785-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | MBEAQ2S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:44:36 | DataFile Name :   | 024SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1542 | 1750 | 1575 | 1622    | 6.90   | cps   |
| Zirconium | 91-1 | 492  | 450  | 442  | 461     | 5.81   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4785-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | MBEAQ3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:48:15 | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2159     | 1834     | 2375     | 2122     | 12.85  | cps   |
| Antimony   | 121-1 | 600      | 675      | 717      | 664      | 8.91   | cps   |
| Arsenic    | 75-2  | 31       | 41       | 54       | 42       | 26.59  | cps   |
| Barium     | 135-1 | 91407    | 95720    | 93187    | 93438    | 2.32   | cps   |
| Barium     | 137-1 | 163502   | 164782   | 165005   | 164430   | 0.49   | cps   |
| Beryllium  | 9-1   | 94       | 89       | 133      | 106      | 22.94  | cps   |
| Bismuth    | 209-1 | 12225673 | 12331393 | 12314408 | 12290491 | 0.46   | cps   |
| Bismuth    | 209-2 | 7022404  | 7038625  | 6972221  | 7011083  | 0.49   | cps   |
| Boron      | 10-1  | 12706    | 12914    | 13640    | 13087    | 3.75   | cps   |
| Boron      | 11-1  | 58790    | 59928    | 59853    | 59524    | 1.07   | cps   |
| Cadmium    | 111-1 | 3787     | 3705     | 3635     | 3709     | 2.04   | cps   |
| Cadmium    | 106-1 | 5385     | 5218     | 5134     | 5246     | 2.43   | cps   |
| Cadmium    | 108-1 | 17       | 8        | 13       | 13       | 33.36  | cps   |
| Calcium    | 43-1  | 2267906  | 2284346  | 2242852  | 2265035  | 0.92   | cps   |
| Calcium    | 44-1  | 36507931 | 36573208 | 36293560 | 36458233 | 0.40   | cps   |
| Chromium   | 52-2  | 2180     | 2207     | 2184     | 2190     | 0.66   | cps   |
| Cobalt     | 59-2  | 540      | 483      | 543      | 522      | 6.46   | cps   |
| Copper     | 63-2  | 4981     | 4848     | 4637     | 4822     | 3.59   | cps   |
| Dysprosium | 156-1 | 308      | 333      | 300      | 314      | 5.53   | cps   |
| Dysprosium | 156-2 | 173      | 200      | 177      | 183      | 7.93   | cps   |
| Erbium     | 164-1 | 550      | 442      | 442      | 478      | 13.09  | cps   |
| Erbium     | 164-2 | 223      | 243      | 280      | 249      | 11.55  | cps   |
| Gadolinium | 160-1 | 542      | 483      | 617      | 547      | 12.22  | cps   |
| Gadolinium | 160-2 | 437      | 393      | 390      | 407      | 6.40   | cps   |
| Holmium    | 165-1 | 19146519 | 19529991 | 19185066 | 19287192 | 1.09   | cps   |
| Holmium    | 165-2 | 9845220  | 9816045  | 9780186  | 9813817  | 0.33   | cps   |
| Indium     | 115-1 | 14438384 | 14675747 | 14593002 | 14569044 | 0.83   | cps   |
| Indium     | 115-2 | 2785865  | 2781936  | 2777860  | 2781887  | 0.14   | cps   |
| Iron       | 56-2  | 16410    | 17895    | 16866    | 17057    | 4.46   | cps   |
| Iron       | 57-2  | 8742     | 8569     | 8758     | 8690     | 1.20   | cps   |
| Lead       | 206-1 | 650      | 667      | 661      | 659      | 1.29   | cps   |
| Lead       | 207-1 | 672      | 456      | 528      | 552      | 19.99  | cps   |
| Lead       | 208-1 | 2728     | 2506     | 2445     | 2559     | 5.83   | cps   |
| Lithium    | 6-1   | 4948335  | 4988951  | 4899440  | 4945575  | 0.91   | cps   |
| Magnesium  | 24-2  | 6551795  | 6557233  | 6612633  | 6573887  | 0.51   | cps   |
| Manganese  | 55-2  | 650      | 657      | 633      | 647      | 1.86   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4785-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | MBEAQ3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:48:15 | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1225     | 1117     | 1225     | 1189     | 5.26   | cps   |
| Molybdenum | 95-1  | 1142     | 1058     | 1308     | 1170     | 10.89  | cps   |
| Molybdenum | 96-1  | 1333     | 1258     | 1408     | 1333     | 5.63   | cps   |
| Molybdenum | 97-1  | 783      | 608      | 708      | 700      | 12.54  | cps   |
| Molybdenum | 98-1  | 1784     | 1950     | 1784     | 1839     | 5.23   | cps   |
| Neodymium  | 150-1 | 473      | 460      | 580      | 504      | 13.04  | cps   |
| Neodymium  | 150-2 | 193      | 160      | 213      | 189      | 14.27  | cps   |
| Nickel     | 60-2  | 1187     | 1180     | 1193     | 1187     | 0.56   | cps   |
| Phosphorus | 31-2  | 158      | 192      | 158      | 169      | 11.36  | cps   |
| Potassium  | 39-2  | 864072   | 864235   | 868821   | 865709   | 0.31   | cps   |
| Rhodium    | 103-1 | 12888032 | 13073224 | 13043102 | 13001452 | 0.76   | cps   |
| Rhodium    | 103-2 | 6305715  | 6297191  | 6259251  | 6287386  | 0.39   | cps   |
| Scandium   | 45-1  | 9367896  | 9414042  | 9294046  | 9358661  | 0.65   | cps   |
| Scandium   | 45-2  | 413247   | 418466   | 418666   | 416793   | 0.74   | cps   |
| Selenium   | 77-2  | 3        | 3        | 10       | 6        | 69.34  | cps   |
| Selenium   | 78-2  | 76       | 96       | 98       | 90       | 13.68  | cps   |
| Selenium   | 82-1  | 248      | 196      | 183      | 209      | 16.36  | cps   |
| Silicon    | 28-1  | 60172620 | 60631870 | 60008997 | 60271162 | 0.54   | cps   |
| Silver     | 109-1 | 950      | 1067     | 1125     | 1047     | 8.51   | cps   |
| Silver     | 107-1 | 875      | 1150     | 950      | 992      | 14.34  | cps   |
| Sodium     | 23-2  | 69984366 | 70209358 | 69792456 | 69995393 | 0.30   | cps   |
| Strontium  | 86-1  | 705549   | 711599   | 709829   | 708992   | 0.44   | cps   |
| Strontium  | 88-1  | 6137204  | 6164317  | 6155257  | 6152259  | 0.22   | cps   |
| Sulfur     | 34-1  | 760315   | 770153   | 771235   | 767234   | 0.78   | cps   |
| Terbium    | 159-1 | 19514742 | 19758521 | 19540071 | 19604445 | 0.68   | cps   |
| Terbium    | 159-2 | 9667464  | 9651986  | 9670149  | 9663200  | 0.10   | cps   |
| Thallium   | 203-1 | 575      | 617      | 725      | 639      | 12.12  | cps   |
| Thallium   | 205-1 | 1258     | 1567     | 1659     | 1495     | 14.02  | cps   |
| Thorium    | 232-1 | 506      | 506      | 522      | 511      | 1.88   | cps   |
| Tin        | 118-1 | 2417     | 2559     | 2884     | 2620     | 9.13   | cps   |
| Titanium   | 47-1  | 1300     | 1267     | 1267     | 1278     | 1.51   | cps   |
| Uranium    | 238-1 | 25350    | 25184    | 26077    | 25537    | 1.86   | cps   |
| Vanadium   | 51-2  | 1927     | 1883     | 1867     | 1892     | 1.64   | cps   |
| Yttrium    | 89-1  | 14910253 | 15193156 | 14942706 | 15015371 | 1.03   | cps   |
| Yttrium    | 89-2  | 2143667  | 2159861  | 2141737  | 2148422  | 0.46   | cps   |
| Zinc       | 66-2  | 3577     | 3544     | 3470     | 3530     | 1.55   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4785-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | MBEAQ3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:48:15 | DataFile Name :   | 025SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1425 | 1417 | 1617 | 1486    | 7.61   | cps   |
| Zirconium | 91-1 | 308  | 342  | 317  | 322     | 5.38   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4785-01A           | Instrumnet Name : | P7        |
| Client Sample ID :      | MBEAQ2A             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:51:54 | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2500     | 2542     | 2859     | 2634     | 7.44   | cps   |
| Antimony   | 121-1 | 767      | 592      | 683      | 681      | 12.86  | cps   |
| Arsenic    | 75-2  | 46       | 28       | 33       | 36       | 26.55  | cps   |
| Barium     | 135-1 | 93883    | 92364    | 91693    | 92647    | 1.21   | cps   |
| Barium     | 137-1 | 163114   | 162220   | 159412   | 161582   | 1.20   | cps   |
| Beryllium  | 9-1   | 100      | 1178     | 72       | 450      | 140.09 | cps   |
| Bismuth    | 209-1 | 12255409 | 12113792 | 12122028 | 12163743 | 0.65   | cps   |
| Bismuth    | 209-2 | 6836666  | 6822647  | 6868979  | 6842764  | 0.35   | cps   |
| Boron      | 10-1  | 12272    | 12998    | 12547    | 12606    | 2.91   | cps   |
| Boron      | 11-1  | 60697    | 59535    | 60413    | 60215    | 1.01   | cps   |
| Cadmium    | 111-1 | 3819     | 3701     | 3319     | 3613     | 7.24   | cps   |
| Cadmium    | 106-1 | 5426     | 5243     | 4718     | 5129     | 7.17   | cps   |
| Cadmium    | 108-1 | 13       | 21       | 13       | 15       | 31.48  | cps   |
| Calcium    | 43-1  | 2241740  | 2207168  | 2215216  | 2221375  | 0.81   | cps   |
| Calcium    | 44-1  | 36187195 | 35903133 | 35768283 | 35952870 | 0.59   | cps   |
| Chromium   | 52-2  | 2447     | 2457     | 2404     | 2436     | 1.16   | cps   |
| Cobalt     | 59-2  | 613      | 607      | 523      | 581      | 8.63   | cps   |
| Copper     | 63-2  | 5304     | 5298     | 5394     | 5332     | 1.01   | cps   |
| Dysprosium | 156-1 | 325      | 383      | 333      | 347      | 9.09   | cps   |
| Dysprosium | 156-2 | 193      | 170      | 217      | 193      | 12.07  | cps   |
| Erbium     | 164-1 | 467      | 542      | 467      | 492      | 8.81   | cps   |
| Erbium     | 164-2 | 267      | 273      | 307      | 282      | 7.59   | cps   |
| Gadolinium | 160-1 | 467      | 533      | 442      | 481      | 9.86   | cps   |
| Gadolinium | 160-2 | 433      | 400      | 340      | 391      | 12.09  | cps   |
| Holmium    | 165-1 | 19338687 | 19072588 | 19183943 | 19198406 | 0.70   | cps   |
| Holmium    | 165-2 | 9588361  | 9511197  | 9546480  | 9548679  | 0.40   | cps   |
| Indium     | 115-1 | 14418554 | 14405311 | 14417052 | 14413639 | 0.05   | cps   |
| Indium     | 115-2 | 2705872  | 2725207  | 2731374  | 2720818  | 0.49   | cps   |
| Iron       | 56-2  | 17060    | 17928    | 17761    | 17583    | 2.62   | cps   |
| Iron       | 57-2  | 7936     | 8425     | 7980     | 8114     | 3.33   | cps   |
| Lead       | 206-1 | 1161     | 1056     | 1050     | 1089     | 5.75   | cps   |
| Lead       | 207-1 | 1028     | 956      | 1006     | 996      | 3.71   | cps   |
| Lead       | 208-1 | 4617     | 4128     | 4456     | 4400     | 5.66   | cps   |
| Lithium    | 6-1   | 4956513  | 4946471  | 4928740  | 4943908  | 0.28   | cps   |
| Magnesium  | 24-2  | 6414513  | 6387818  | 6389327  | 6397219  | 0.23   | cps   |
| Manganese  | 55-2  | 843      | 820      | 777      | 813      | 4.16   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4785-01A           | Instrumnet Name : | P7        |
| Client Sample ID :      | MBEAQ2A             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:51:54 | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1083     | 1033     | 1108     | 1075     | 3.55   | cps   |
| Molybdenum | 95-1  | 867      | 1042     | 1108     | 1006     | 12.41  | cps   |
| Molybdenum | 96-1  | 1425     | 1158     | 1300     | 1295     | 10.31  | cps   |
| Molybdenum | 97-1  | 617      | 683      | 575      | 625      | 8.74   | cps   |
| Molybdenum | 98-1  | 1600     | 1867     | 1675     | 1714     | 8.02   | cps   |
| Neodymium  | 150-1 | 473      | 467      | 567      | 502      | 11.13  | cps   |
| Neodymium  | 150-2 | 183      | 153      | 217      | 184      | 17.18  | cps   |
| Nickel     | 60-2  | 1363     | 1303     | 1427     | 1365     | 4.52   | cps   |
| Phosphorus | 31-2  | 192      | 183      | 133      | 169      | 18.62  | cps   |
| Potassium  | 39-2  | 834485   | 832612   | 838503   | 835200   | 0.36   | cps   |
| Rhodium    | 103-1 | 12893903 | 12891908 | 12887775 | 12891195 | 0.02   | cps   |
| Rhodium    | 103-2 | 6107940  | 6095258  | 6159292  | 6120830  | 0.55   | cps   |
| Scandium   | 45-1  | 9342365  | 9309896  | 9274862  | 9309041  | 0.36   | cps   |
| Scandium   | 45-2  | 406917   | 405507   | 407266   | 406563   | 0.23   | cps   |
| Selenium   | 77-2  | 83       | 77       | 127      | 96       | 28.41  | cps   |
| Selenium   | 78-2  | 387      | 339      | 413      | 380      | 9.90   | cps   |
| Selenium   | 82-1  | 2288     | 2269     | 2344     | 2300     | 1.70   | cps   |
| Silicon    | 28-1  | 59042226 | 59252805 | 59317716 | 59204249 | 0.24   | cps   |
| Silver     | 109-1 | 792      | 992      | 958      | 914      | 11.73  | cps   |
| Silver     | 107-1 | 917      | 1142     | 1058     | 1039     | 10.95  | cps   |
| Sodium     | 23-2  | 67783256 | 67492308 | 67956549 | 67744038 | 0.35   | cps   |
| Strontium  | 86-1  | 696762   | 696287   | 696527   | 696526   | 0.03   | cps   |
| Strontium  | 88-1  | 6044428  | 6081348  | 6026995  | 6050924  | 0.46   | cps   |
| Sulfur     | 34-1  | 762297   | 758137   | 765076   | 761837   | 0.46   | cps   |
| Terbium    | 159-1 | 19557678 | 19430331 | 19467785 | 19485265 | 0.34   | cps   |
| Terbium    | 159-2 | 9449897  | 9386162  | 9435889  | 9423982  | 0.36   | cps   |
| Thallium   | 203-1 | 242      | 375      | 333      | 317      | 21.54  | cps   |
| Thallium   | 205-1 | 717      | 683      | 700      | 700      | 2.38   | cps   |
| Thorium    | 232-1 | 456      | 439      | 394      | 430      | 7.35   | cps   |
| Tin        | 118-1 | 2475     | 2500     | 2442     | 2473     | 1.18   | cps   |
| Titanium   | 47-1  | 1317     | 1158     | 1308     | 1261     | 7.07   | cps   |
| Uranium    | 238-1 | 25501    | 24749    | 24833    | 25028    | 1.65   | cps   |
| Vanadium   | 51-2  | 2060     | 1807     | 1957     | 1941     | 6.56   | cps   |
| Yttrium    | 89-1  | 14902395 | 14975231 | 14925417 | 14934348 | 0.25   | cps   |
| Yttrium    | 89-2  | 2086295  | 2086538  | 2101906  | 2091580  | 0.43   | cps   |
| Zinc       | 66-2  | 7662     | 7532     | 7816     | 7670     | 1.85   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4785-01A           | Instrumnet Name : | P7        |
| Client Sample ID :      | MBEAQ2A             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 16:51:54 | DataFile Name :   | 026SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1433 | 1558 | 1659 | 1550    | 7.27   | cps   |
| Zirconium | 91-1 | 300  | 425  | 308  | 344     | 20.29  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4785-01LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | MBEAQ2L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-09-07 17:00:43 | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 600      | 542      | 683      | 608      | 11.70  | cps   |
| Antimony   | 121-1 | 100      | 142      | 75       | 106      | 31.91  | cps   |
| Arsenic    | 75-2  | 13       | 11       | 11       | 12       | 9.11   | cps   |
| Barium     | 135-1 | 18288    | 19097    | 18505    | 18630    | 2.25   | cps   |
| Barium     | 137-1 | 32731    | 32798    | 32806    | 32778    | 0.13   | cps   |
| Beryllium  | 9-1   | 106      | 156      | 89       | 117      | 29.74  | cps   |
| Bismuth    | 209-1 | 11675290 | 11615690 | 11720762 | 11670581 | 0.45   | cps   |
| Bismuth    | 209-2 | 6563505  | 6631682  | 6681403  | 6625530  | 0.89   | cps   |
| Boron      | 10-1  | 3217     | 3442     | 3292     | 3317     | 3.45   | cps   |
| Boron      | 11-1  | 14966    | 15058    | 15350    | 15125    | 1.32   | cps   |
| Cadmium    | 111-1 | 3233     | 3417     | 3043     | 3231     | 5.79   | cps   |
| Cadmium    | 106-1 | 4601     | 4876     | 4326     | 4601     | 5.98   | cps   |
| Cadmium    | 108-1 | 0        | 13       | 8        | 7        | 91.66  | cps   |
| Calcium    | 43-1  | 413097   | 406454   | 409821   | 409791   | 0.81   | cps   |
| Calcium    | 44-1  | 6624738  | 6588288  | 6638206  | 6617078  | 0.39   | cps   |
| Chromium   | 52-2  | 1110     | 1053     | 1183     | 1116     | 5.84   | cps   |
| Cobalt     | 59-2  | 857      | 1007     | 957      | 940      | 8.13   | cps   |
| Copper     | 63-2  | 3497     | 3794     | 3504     | 3598     | 4.71   | cps   |
| Dysprosium | 156-1 | 50       | 67       | 42       | 53       | 24.12  | cps   |
| Dysprosium | 156-2 | 60       | 110      | 53       | 74       | 41.62  | cps   |
| Erbium     | 164-1 | 83       | 125      | 100      | 103      | 20.41  | cps   |
| Erbium     | 164-2 | 67       | 63       | 63       | 64       | 2.99   | cps   |
| Gadolinium | 160-1 | 217      | 250      | 275      | 247      | 11.84  | cps   |
| Gadolinium | 160-2 | 223      | 227      | 250      | 233      | 6.23   | cps   |
| Holmium    | 165-1 | 17966418 | 17787749 | 17724832 | 17826333 | 0.70   | cps   |
| Holmium    | 165-2 | 8916495  | 8954157  | 8947614  | 8939422  | 0.23   | cps   |
| Indium     | 115-1 | 13417924 | 13279874 | 13435155 | 13377651 | 0.64   | cps   |
| Indium     | 115-2 | 2526943  | 2540220  | 2568226  | 2545130  | 0.83   | cps   |
| Iron       | 56-2  | 8014     | 8158     | 8325     | 8165     | 1.91   | cps   |
| Iron       | 57-2  | 1828     | 1822     | 1822     | 1824     | 0.18   | cps   |
| Lead       | 206-1 | 1439     | 1300     | 1250     | 1330     | 7.36   | cps   |
| Lead       | 207-1 | 1395     | 1239     | 1089     | 1241     | 12.31  | cps   |
| Lead       | 208-1 | 6145     | 5389     | 4917     | 5484     | 11.30  | cps   |
| Lithium    | 6-1   | 4447512  | 4377759  | 4418634  | 4414635  | 0.79   | cps   |
| Magnesium  | 24-2  | 1161287  | 1170414  | 1183386  | 1171696  | 0.95   | cps   |
| Manganese  | 55-2  | 457      | 854      | 343      | 551      | 48.65  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4785-01LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | MBEAQ2L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-09-07 17:00:43 | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 600      | 658      | 558      | 606      | 8.30   | cps   |
| Molybdenum | 95-1  | 350      | 275      | 308      | 311      | 12.08  | cps   |
| Molybdenum | 96-1  | 400      | 408      | 442      | 417      | 5.29   | cps   |
| Molybdenum | 97-1  | 308      | 217      | 192      | 239      | 25.71  | cps   |
| Molybdenum | 98-1  | 633      | 533      | 608      | 592      | 8.80   | cps   |
| Neodymium  | 150-1 | 93       | 87       | 80       | 87       | 7.70   | cps   |
| Neodymium  | 150-2 | 37       | 20       | 23       | 27       | 33.08  | cps   |
| Nickel     | 60-2  | 550      | 573      | 480      | 534      | 9.09   | cps   |
| Phosphorus | 31-2  | 183      | 117      | 83       | 128      | 39.85  | cps   |
| Potassium  | 39-2  | 172028   | 169003   | 176066   | 172366   | 2.06   | cps   |
| Rhodium    | 103-1 | 12267723 | 12052582 | 12207927 | 12176077 | 0.91   | cps   |
| Rhodium    | 103-2 | 5841644  | 5854401  | 5890059  | 5862035  | 0.43   | cps   |
| Scandium   | 45-1  | 8472596  | 8366917  | 8499224  | 8446246  | 0.83   | cps   |
| Scandium   | 45-2  | 369945   | 370301   | 376465   | 372237   | 0.98   | cps   |
| Selenium   | 77-2  | 3        | 3        | 7        | 4        | 43.40  | cps   |
| Selenium   | 78-2  | 83       | 76       | 63       | 74       | 13.92  | cps   |
| Selenium   | 82-1  | 72       | 14       | 22       | 36       | 87.49  | cps   |
| Silicon    | 28-1  | 11207070 | 11172767 | 11133430 | 11171089 | 0.33   | cps   |
| Silver     | 109-1 | 475      | 383      | 408      | 422      | 11.22  | cps   |
| Silver     | 107-1 | 542      | 442      | 408      | 464      | 14.96  | cps   |
| Sodium     | 23-2  | 12538410 | 12507388 | 12662564 | 12569454 | 0.65   | cps   |
| Strontium  | 86-1  | 128445   | 129555   | 131186   | 129729   | 1.06   | cps   |
| Strontium  | 88-1  | 1113522  | 1117761  | 1116752  | 1116011  | 0.20   | cps   |
| Sulfur     | 34-1  | 449587   | 444299   | 443268   | 445718   | 0.76   | cps   |
| Terbium    | 159-1 | 18108247 | 17955966 | 18263957 | 18109390 | 0.85   | cps   |
| Terbium    | 159-2 | 8799879  | 8785444  | 8867545  | 8817623  | 0.50   | cps   |
| Thallium   | 203-1 | 167      | 117      | 175      | 153      | 20.65  | cps   |
| Thallium   | 205-1 | 283      | 392      | 325      | 333      | 16.39  | cps   |
| Thorium    | 232-1 | 1045     | 1167     | 1050     | 1087     | 6.35   | cps   |
| Tin        | 118-1 | 1100     | 1017     | 1058     | 1058     | 3.94   | cps   |
| Titanium   | 47-1  | 225      | 258      | 392      | 292      | 30.24  | cps   |
| Uranium    | 238-1 | 5126     | 4709     | 4443     | 4759     | 7.24   | cps   |
| Vanadium   | 51-2  | 610      | 707      | 730      | 682      | 9.33   | cps   |
| Yttrium    | 89-1  | 13701441 | 13606190 | 13684214 | 13663948 | 0.37   | cps   |
| Yttrium    | 89-2  | 1918730  | 1920015  | 1960711  | 1933152  | 1.24   | cps   |
| Zinc       | 66-2  | 3117     | 3290     | 3147     | 3185     | 2.91   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4785-01LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | MBEAQ2L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-09-07 17:00:43 | DataFile Name :   | 027SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1025 | 1150 | 1342 | 1172    | 13.61  | cps   |
| Zirconium | 91-1 | 267  | 208  | 308  | 261     | 19.24  | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB97843             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV089              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV089              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-09-07 17:08:50 | DataFile Name :   | 029CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 5216998   | 5182072   | 5201829   | 5200300   | 0.34   | cps   |
| Antimony   | 121-1 | 4586579   | 4608743   | 4571990   | 4589104   | 0.40   | cps   |
| Arsenic    | 75-2  | 148991    | 148347    | 148834    | 148724    | 0.23   | cps   |
| Barium     | 135-1 | 5936368   | 5948285   | 5871905   | 5918853   | 0.69   | cps   |
| Barium     | 137-1 | 10342977  | 10368860  | 10279892  | 10330576  | 0.44   | cps   |
| Beryllium  | 9-1   | 1144900   | 1138682   | 1140533   | 1141372   | 0.28   | cps   |
| Bismuth    | 209-1 | 10400845  | 10352438  | 10401319  | 10384867  | 0.27   | cps   |
| Bismuth    | 209-2 | 5641857   | 5614307   | 5763486   | 5673217   | 1.40   | cps   |
| Boron      | 10-1  | 161386    | 163359    | 166010    | 163585    | 1.42   | cps   |
| Boron      | 11-1  | 749252    | 761409    | 768817    | 759826    | 1.30   | cps   |
| Cadmium    | 111-1 | 1175862   | 1183441   | 1171775   | 1177026   | 0.50   | cps   |
| Cadmium    | 106-1 | 136409    | 134105    | 132792    | 134435    | 1.36   | cps   |
| Cadmium    | 108-1 | 88512     | 88801     | 89690     | 89001     | 0.69   | cps   |
| Calcium    | 43-1  | 7104337   | 7119910   | 7073360   | 7099202   | 0.33   | cps   |
| Calcium    | 44-1  | 114645719 | 116034994 | 114499498 | 115060071 | 0.74   | cps   |
| Chromium   | 52-2  | 1468278   | 1469366   | 1468278   | 1468641   | 0.04   | cps   |
| Cobalt     | 59-2  | 2251816   | 2277117   | 2269167   | 2266033   | 0.57   | cps   |
| Copper     | 63-2  | 3114319   | 3123827   | 3098073   | 3112073   | 0.42   | cps   |
| Dysprosium | 156-1 | 217       | 1181      | 183       | 527       | 107.50 | cps   |
| Dysprosium | 156-2 | 127       | 147       | 103       | 126       | 17.27  | cps   |
| Erbium     | 164-1 | 108       | 58        | 125       | 97        | 35.68  | cps   |
| Erbium     | 164-2 | 57        | 43        | 40        | 47        | 18.90  | cps   |
| Gadolinium | 160-1 | 192       | 175       | 158       | 175       | 9.53   | cps   |
| Gadolinium | 160-2 | 193       | 197       | 263       | 218       | 18.13  | cps   |
| Holmium    | 165-1 | 17312214  | 16992545  | 17234547  | 17179769  | 0.97   | cps   |
| Holmium    | 165-2 | 8356855   | 8265911   | 8580389   | 8401052   | 1.93   | cps   |
| Indium     | 115-1 | 12433190  | 12414003  | 12346582  | 12397925  | 0.37   | cps   |
| Indium     | 115-2 | 2296578   | 2286005   | 2378111   | 2320231   | 2.17   | cps   |
| Iron       | 56-2  | 300152129 | 297368684 | 297359429 | 298293414 | 0.54   | cps   |
| Iron       | 57-2  | 7303923   | 7334060   | 7313530   | 7317171   | 0.21   | cps   |
| Lead       | 206-1 | 3937706   | 3900570   | 3880516   | 3906264   | 0.74   | cps   |
| Lead       | 207-1 | 3596256   | 3564355   | 3533800   | 3564803   | 0.88   | cps   |
| Lead       | 208-1 | 16030670  | 15907009  | 15725938  | 15887872  | 0.96   | cps   |
| Lithium    | 6-1   | 4141548   | 4163693   | 4122255   | 4142499   | 0.50   | cps   |
| Magnesium  | 24-2  | 56070118  | 56213530  | 56335610  | 56206419  | 0.24   | cps   |
| Manganese  | 55-2  | 1661477   | 1658422   | 1658058   | 1659319   | 0.11   | cps   |



|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB97843             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV089              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV089              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-09-07 17:08:50 | DataFile Name :   | 029CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Molybdenum | 94-1  | 9710016   | 9711395   | 9541062   | 9654158   | 1.01   | cps   |
| Molybdenum | 95-1  | 11799852  | 11856401  | 11624202  | 11760152  | 1.03   | cps   |
| Molybdenum | 96-1  | 13009728  | 13068426  | 12963443  | 13013865  | 0.40   | cps   |
| Molybdenum | 97-1  | 7332207   | 7380416   | 7317237   | 7343287   | 0.45   | cps   |
| Molybdenum | 98-1  | 18950678  | 18889436  | 18913998  | 18918037  | 0.16   | cps   |
| Neodymium  | 150-1 | 487       | 360       | 553       | 467       | 21.04  | cps   |
| Neodymium  | 150-2 | 43        | 67        | 50        | 53        | 22.54  | cps   |
| Nickel     | 60-2  | 608834    | 608436    | 606476    | 607915    | 0.21   | cps   |
| Phosphorus | 31-2  | 54082     | 53137     | 53547     | 53589     | 0.88   | cps   |
| Potassium  | 39-2  | 25998277  | 26104069  | 26014028  | 26038791  | 0.22   | cps   |
| Rhodium    | 103-1 | 10960578  | 10967337  | 10954784  | 10960899  | 0.06   | cps   |
| Rhodium    | 103-2 | 5087875   | 5019951   | 5240023   | 5115950   | 2.20   | cps   |
| Scandium   | 45-1  | 8187919   | 8208102   | 8124448   | 8173490   | 0.53   | cps   |
| Scandium   | 45-2  | 353230    | 348510    | 360538    | 354092    | 1.71   | cps   |
| Selenium   | 77-2  | 3801      | 3604      | 3661      | 3688      | 2.75   | cps   |
| Selenium   | 78-2  | 12496     | 12691     | 12348     | 12512     | 1.37   | cps   |
| Selenium   | 82-1  | 82741     | 82797     | 83129     | 82889     | 0.25   | cps   |
| Silicon    | 28-1  | 3775353   | 3765987   | 3797859   | 3779733   | 0.43   | cps   |
| Silver     | 109-1 | 5564378   | 5547334   | 5512389   | 5541367   | 0.48   | cps   |
| Silver     | 107-1 | 5814222   | 5835015   | 5816717   | 5821985   | 0.20   | cps   |
| Sodium     | 23-2  | 107921969 | 108229944 | 108265890 | 108139268 | 0.17   | cps   |
| Strontium  | 86-1  | 1509602   | 1515348   | 1519244   | 1514732   | 0.32   | cps   |
| Strontium  | 88-1  | 13277457  | 13228516  | 13262363  | 13256112  | 0.19   | cps   |
| Sulfur     | 34-1  | 884778    | 879499    | 880202    | 881493    | 0.33   | cps   |
| Terbium    | 159-1 | 17388994  | 17289548  | 17317669  | 17332071  | 0.30   | cps   |
| Terbium    | 159-2 | 8166034   | 8075138   | 8370675   | 8203949   | 1.85   | cps   |
| Thallium   | 203-1 | 4907577   | 4830704   | 4894675   | 4877652   | 0.84   | cps   |
| Thallium   | 205-1 | 11620185  | 11467239  | 11432239  | 11506554  | 0.87   | cps   |
| Thorium    | 232-1 | 18019756  | 17970263  | 17817071  | 17935696  | 0.59   | cps   |
| Tin        | 118-1 | 3949411   | 3938434   | 3912005   | 3933283   | 0.49   | cps   |
| Titanium   | 47-1  | 3384036   | 3401424   | 3359412   | 3381624   | 0.62   | cps   |
| Uranium    | 238-1 | 17466746  | 17222084  | 17221376  | 17303402  | 0.82   | cps   |
| Vanadium   | 51-2  | 1183063   | 1176389   | 1174599   | 1178017   | 0.38   | cps   |
| Yttrium    | 89-1  | 13227453  | 13092127  | 13114896  | 13144825  | 0.55   | cps   |
| Yttrium    | 89-2  | 1823129   | 1798717   | 1874890   | 1832245   | 2.12   | cps   |
| Zinc       | 66-2  | 430867    | 433503    | 429477    | 431282    | 0.47   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB97843             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV089              | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV089              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-09-07 17:08:50 | DataFile Name :   | 029CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 8165912 | 8123187 | 8079116 | 8122738 | 0.53   | cps   |
| Zirconium | 91-1 | 1782003 | 1795146 | 1777510 | 1784887 | 0.51   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB089              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB089              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 17:15:12 | DataFile Name :   | 030CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 133      | 175      | 108      | 139      | 24.25  | cps   |
| Antimony   | 121-1 | 825      | 683      | 767      | 758      | 9.39   | cps   |
| Arsenic    | 75-2  | 19       | 7        | 7        | 11       | 57.72  | cps   |
| Barium     | 135-1 | 117      | 100      | 167      | 128      | 27.15  | cps   |
| Barium     | 137-1 | 217      | 200      | 142      | 186      | 21.16  | cps   |
| Beryllium  | 9-1   | 167      | 167      | 178      | 170      | 3.76   | cps   |
| Bismuth    | 209-1 | 11718599 | 11654430 | 11622484 | 11665171 | 0.42   | cps   |
| Bismuth    | 209-2 | 6717982  | 6578502  | 6600434  | 6632306  | 1.13   | cps   |
| Boron      | 10-1  | 3159     | 3209     | 2917     | 3095     | 5.04   | cps   |
| Boron      | 11-1  | 15050    | 14666    | 14516    | 14744    | 1.87   | cps   |
| Cadmium    | 111-1 | 3470     | 3245     | 3231     | 3315     | 4.05   | cps   |
| Cadmium    | 106-1 | 4918     | 4593     | 4593     | 4701     | 3.99   | cps   |
| Cadmium    | 108-1 | 8        | 17       | 25       | 17       | 50.01  | cps   |
| Calcium    | 43-1  | 317      | 392      | 325      | 344      | 11.93  | cps   |
| Calcium    | 44-1  | 9595     | 9837     | 9679     | 9704     | 1.27   | cps   |
| Chromium   | 52-2  | 433      | 603      | 570      | 536      | 16.82  | cps   |
| Cobalt     | 59-2  | 113      | 77       | 60       | 83       | 32.74  | cps   |
| Copper     | 63-2  | 1984     | 1964     | 1894     | 1947     | 2.43   | cps   |
| Dysprosium | 156-1 | 17       | 8        | 25       | 17       | 50.01  | cps   |
| Dysprosium | 156-2 | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Erbium     | 164-1 | 42       | 50       | 42       | 44       | 10.82  | cps   |
| Erbium     | 164-2 | 33       | 23       | 27       | 28       | 18.33  | cps   |
| Gadolinium | 160-1 | 92       | 108      | 75       | 92       | 18.18  | cps   |
| Gadolinium | 160-2 | 243      | 213      | 197      | 218      | 10.86  | cps   |
| Holmium    | 165-1 | 17477697 | 17528261 | 17451684 | 17485881 | 0.22   | cps   |
| Holmium    | 165-2 | 8924159  | 8855954  | 8824519  | 8868211  | 0.57   | cps   |
| Indium     | 115-1 | 13477518 | 13434625 | 13411020 | 13441054 | 0.25   | cps   |
| Indium     | 115-2 | 2572551  | 2533427  | 2553009  | 2552996  | 0.77   | cps   |
| Iron       | 56-2  | 11255    | 9987     | 9459     | 10234    | 9.02   | cps   |
| Iron       | 57-2  | 372      | 350      | 311      | 344      | 8.98   | cps   |
| Lead       | 206-1 | 728      | 800      | 678      | 735      | 8.36   | cps   |
| Lead       | 207-1 | 539      | 744      | 561      | 615      | 18.35  | cps   |
| Lead       | 208-1 | 2706     | 3239     | 2711     | 2885     | 10.62  | cps   |
| Lithium    | 6-1   | 4399195  | 4427697  | 4408035  | 4411642  | 0.33   | cps   |
| Magnesium  | 24-2  | 1167     | 1125     | 1200     | 1164     | 3.23   | cps   |
| Manganese  | 55-2  | 80       | 73       | 47       | 67       | 26.45  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB089              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB089              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 17:15:12 | DataFile Name :   | 030CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1892     | 1859     | 1792     | 1847     | 2.76   | cps   |
| Molybdenum | 95-1  | 2350     | 2250     | 2017     | 2206     | 7.76   | cps   |
| Molybdenum | 96-1  | 2692     | 2517     | 2509     | 2573     | 4.03   | cps   |
| Molybdenum | 97-1  | 1467     | 1467     | 1367     | 1433     | 4.03   | cps   |
| Molybdenum | 98-1  | 3726     | 3401     | 3384     | 3503     | 5.50   | cps   |
| Neodymium  | 150-1 | 0        | 7        | 0        | 2        | 173.21 | cps   |
| Neodymium  | 150-2 | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 77       | 67       | 77       | 73       | 7.87   | cps   |
| Phosphorus | 31-2  | 117      | 192      | 142      | 150      | 25.46  | cps   |
| Potassium  | 39-2  | 22660    | 22835    | 22710    | 22735    | 0.40   | cps   |
| Rhodium    | 103-1 | 12220391 | 12320903 | 12334516 | 12291937 | 0.51   | cps   |
| Rhodium    | 103-2 | 5953779  | 5906364  | 5898240  | 5919461  | 0.51   | cps   |
| Scandium   | 45-1  | 8489708  | 8499776  | 8487755  | 8492413  | 0.08   | cps   |
| Scandium   | 45-2  | 375133   | 373643   | 378103   | 375626   | 0.60   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 78       | 67       | 56       | 67       | 16.66  | cps   |
| Selenium   | 82-1  | 40       | -33      | 5        | 4        | 904.56 | cps   |
| Silicon    | 28-1  | 488532   | 487076   | 487075   | 487561   | 0.17   | cps   |
| Silver     | 109-1 | 275      | 350      | 317      | 314      | 11.97  | cps   |
| Silver     | 107-1 | 358      | 317      | 342      | 339      | 6.19   | cps   |
| Sodium     | 23-2  | 31718    | 31918    | 31810    | 31815    | 0.32   | cps   |
| Strontium  | 86-1  | 608      | 850      | 708      | 722      | 16.81  | cps   |
| Strontium  | 88-1  | 292      | 458      | 425      | 392      | 22.52  | cps   |
| Sulfur     | 34-1  | 372238   | 372982   | 367321   | 370847   | 0.83   | cps   |
| Terbium    | 159-1 | 17918528 | 17912877 | 17886489 | 17905964 | 0.10   | cps   |
| Terbium    | 159-2 | 8837241  | 8745566  | 8753020  | 8778609  | 0.58   | cps   |
| Thallium   | 203-1 | 642      | 692      | 583      | 639      | 8.49   | cps   |
| Thallium   | 205-1 | 1984     | 1759     | 1575     | 1772     | 11.54  | cps   |
| Thorium    | 232-1 | 3378     | 3767     | 3562     | 3569     | 5.45   | cps   |
| Tin        | 118-1 | 1058     | 1208     | 1025     | 1097     | 8.90   | cps   |
| Titanium   | 47-1  | 92       | 150      | 183      | 142      | 32.75  | cps   |
| Uranium    | 238-1 | 292      | 183      | 308      | 261      | 25.99  | cps   |
| Vanadium   | 51-2  | 33       | 33       | 37       | 34       | 5.60   | cps   |
| Yttrium    | 89-1  | 13590396 | 13614960 | 13643699 | 13616352 | 0.20   | cps   |
| Yttrium    | 89-2  | 1937934  | 1931577  | 1944623  | 1938045  | 0.34   | cps   |
| Zinc       | 66-2  | 297      | 320      | 330      | 316      | 5.42   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB97843             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB089              | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB089              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-09-07 17:15:12 | DataFile Name :   | 030CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1408 | 1584 | 1342 | 1445    | 8.64   | cps   |
| Zirconium | 91-1 | 225  | 367  | 317  | 303     | 23.73  | cps   |