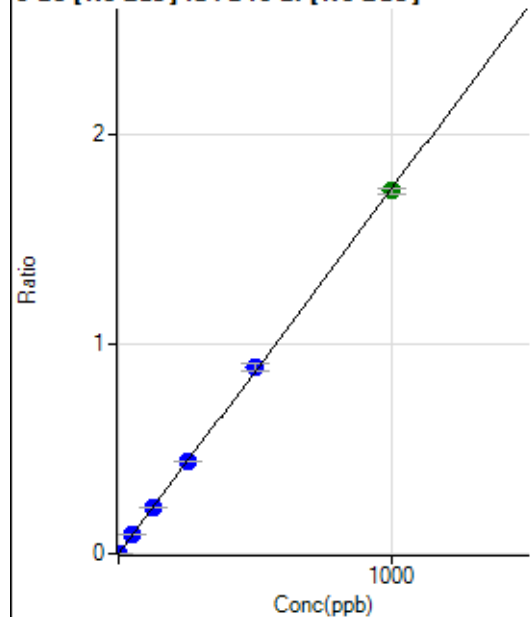


Batch Folder: D:\P8082217-MS.b\  
Analysis File: P8082217-MS.batch.bin  
DA Date-Time: 2017-08-22 16:21:03  
Calibration Title:  
Calibration Method: External Calibration  
VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time      |
|-------|--------------------|-------------|---------------------|
| 1     | 002CALB.d          | S00         | 2017-08-22 12:01:52 |
| 2     |                    |             |                     |
| 3     | 005CALS.d          | S02         | 2017-08-22 12:12:07 |
| 4     | 006CALS.d          | S03         | 2017-08-22 12:15:37 |
| 5     | 007CALS.d          | S04         | 2017-08-22 12:19:06 |
| 6     | 008CALS.d          | S05         | 2017-08-22 12:22:30 |
| 7     | 009CALS.d          | S06         | 2017-08-22 12:25:48 |
| 8     | 010CALS.d          | S07         | 2017-08-22 12:29:01 |
| 9     | 011CALS.d          | S08         | 2017-08-22 12:32:10 |

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 72.22      | 0.0001 | P    | 8.0  |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.941      | 1129.71    | 0.0017 | P    | 6.4  |
| 4 | <input type="checkbox"/> | 50.000   | 50.406     | 56639.31   | 0.0876 | P    | 0.7  |
| 5 | <input type="checkbox"/> | 125.000  | 126.553    | 141391.11  | 0.2198 | P    | 0.3  |
| 6 | <input type="checkbox"/> | 250.000  | 251.182    | 276722.80  | 0.4362 | P    | 0.6  |
| 7 | <input type="checkbox"/> | 500.000  | 509.597    | 538530.16  | 0.8849 | P    | 4.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 994.692    | 1055048.94 | 1.7271 | A    | 1.4  |
| 9 | <input type="checkbox"/> |          |            | 338.90     | 0.0006 | P    | 17.2 |

$$y = 0.0017 * x + 1.1536E-004$$

$$R = 0.9999$$

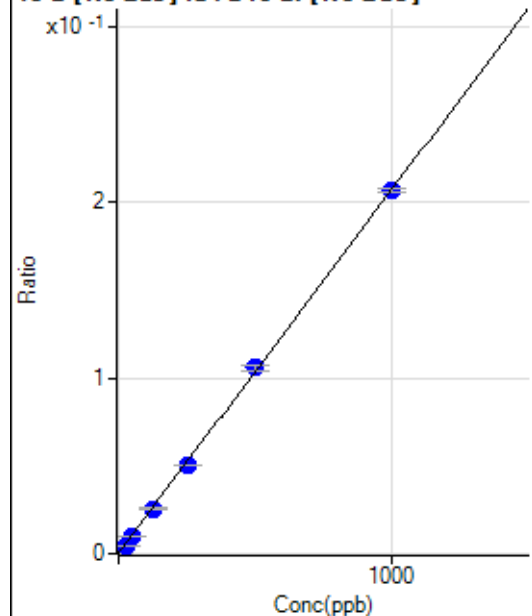
$$DL = 0.01601$$

$$BEC = 0.06644$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 213.90    | 0.0003 | P    | 8.5  |
| 2 | <input type="checkbox"/> | 2.500    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 25.000   | 20.800     | 2997.68   | 0.0046 | P    | 7.2  |
| 4 | <input type="checkbox"/> | 50.000   | 47.360     | 6546.23   | 0.0101 | P    | 4.1  |
| 5 | <input type="checkbox"/> | 125.000  | 121.823    | 16410.04  | 0.0255 | P    | 3.0  |
| 6 | <input type="checkbox"/> | 250.000  | 242.766    | 32039.46  | 0.0505 | P    | 0.4  |
| 7 | <input type="checkbox"/> | 500.000  | 509.968    | 64364.52  | 0.1057 | P    | 3.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 997.459    | 126103.12 | 0.2065 | P    | 1.2  |
| 9 | <input type="checkbox"/> |          |            | 5284.51   | 0.0093 | P    | 11.5 |

$$y = 2.0664E-004 * x + 3.4168E-004$$

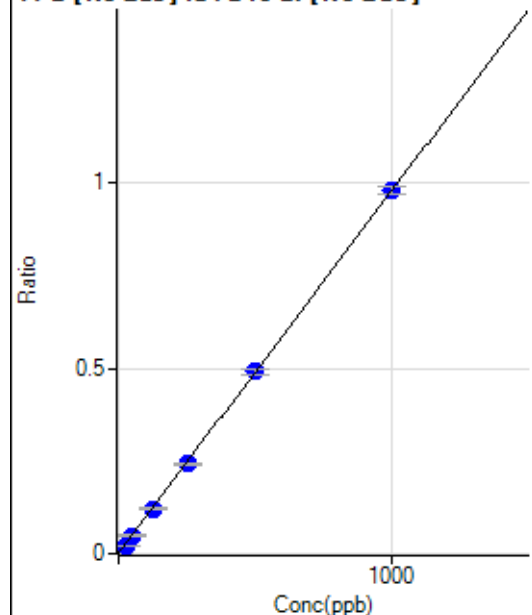
$$R = 0.9999$$

$$DL = 0.4235$$

$$BEC = 1.653$$

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      | 894.51    | 0.0014 | P   | 5.0 |
| 2 | <input type="checkbox"/> | 2.500    |            |           |        |     |     |
| 3 | <input type="checkbox"/> | 25.000   | 20.674     | 13968.49  | 0.0216 | P   | 3.1 |
| 4 | <input type="checkbox"/> | 50.000   | 48.315     | 31424.17  | 0.0486 | P   | 2.9 |
| 5 | <input type="checkbox"/> | 125.000  | 122.561    | 77908.39  | 0.1211 | P   | 1.4 |
| 6 | <input type="checkbox"/> | 250.000  | 245.488    | 153007.68 | 0.2412 | P   | 0.6 |
| 7 | <input type="checkbox"/> | 500.000  | 502.486    | 299668.13 | 0.4922 | P   | 3.0 |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.382   | 597646.76 | 0.9785 | P   | 2.1 |
| 9 | <input type="checkbox"/> |          |            | 24115.54  | 0.0424 | P   | 4.6 |

$$y = 9.7674\text{E-}004 * x + 0.0014$$

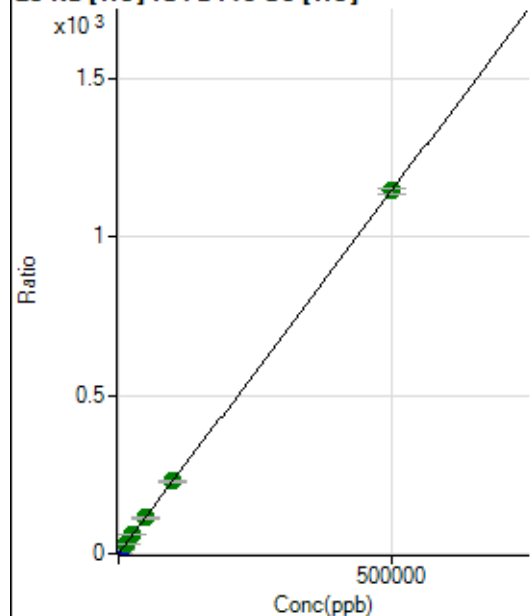
$$R = 1.0000$$

$$DL = 0.2194$$

$$BEC = 1.463$$

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      | 4000.72     | 0.1059    | P   | 0.8 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |           |     |     |
| 3 | <input type="checkbox"/> | 500.000   | 434.554    | 43063.41    | 1.1018    | P   | 3.0 |
| 4 | <input type="checkbox"/> | 5000.000  | 4916.165   | 449233.86   | 11.3727   | P   | 0.7 |
| 5 | <input type="checkbox"/> | 12500.000 | 12995.158  | 1139218.36  | 29.8879   | A   | 3.4 |
| 6 | <input type="checkbox"/> | 25000.000 | 25325.966  | 2198740.89  | 58.1474   | A   | 0.9 |
| 7 | <input type="checkbox"/> | 50000.000 | 49415.958  | 4201584.16  | 113.3562  | A   | 2.4 |
| 8 | <input type="checkbox"/> | 100000.00 | 100137.89  | 8198894.10  | 229.5996  | A   | 2.0 |
| 9 | <input type="checkbox"/> | 500000.00 | 500003.05  | 40322560.97 | 1,146.001 | A   | 1.4 |

$$y = 0.0023 * x + 0.1059$$

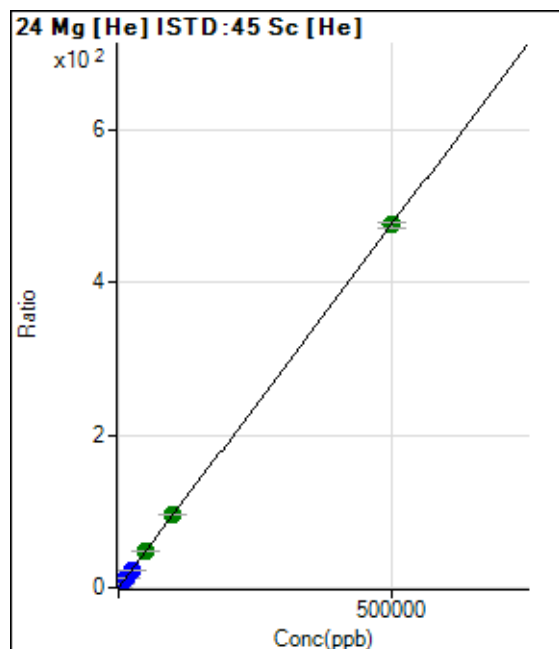
$$R = 1.0000$$

$$DL = 1.112$$

$$BEC = 46.21$$

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      | 152.79      | 0.0040   | P    | 11.6 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |      |      |
| 3 | <input type="checkbox"/> | 500.000   | 429.991    | 16129.22    | 0.4126   | P    | 1.8  |
| 4 | <input type="checkbox"/> | 5000.000  | 4915.794   | 184660.80   | 4.6748   | P    | 0.3  |
| 5 | <input type="checkbox"/> | 12500.000 | 12663.795  | 458692.72   | 12.0366  | P    | 4.2  |
| 6 | <input type="checkbox"/> | 25000.000 | 24784.807  | 890596.57   | 23.5534  | P    | 1.5  |
| 7 | <input type="checkbox"/> | 50000.000 | 50571.861  | 1781348.98  | 48.0550  | A    | 1.6  |
| 8 | <input type="checkbox"/> | 100000.00 | 100869.54  | 3422710.10  | 95.8455  | A    | 1.6  |
| 9 | <input type="checkbox"/> | 500000.00 | 499776.48  | 16708375.89 | 474.8678 | A    | 1.7  |

$$y = 9.5015\text{E-}004 * x + 0.0040$$

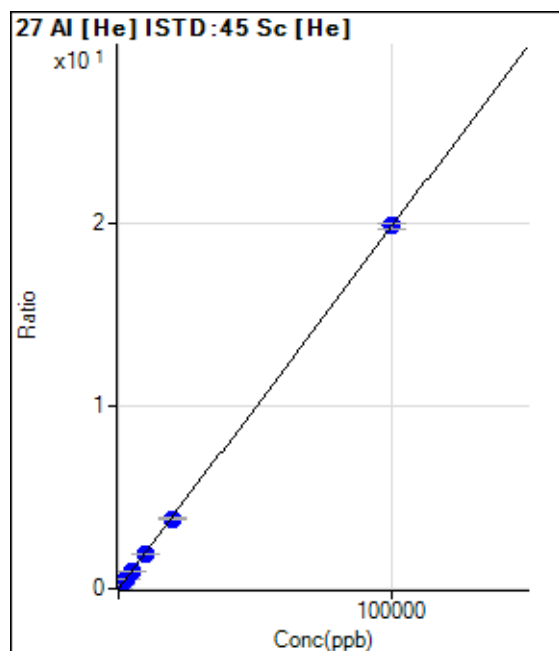
$$R = 1.0000$$

$$DL = 1.486$$

$$BEC = 4.258$$

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      | 27.78     | 0.0007  | P    | 34.5 |
| 2 | <input type="checkbox"/> | 2.000     |            |           |         |      |      |
| 3 | <input type="checkbox"/> | 20.000    | 17.755     | 166.67    | 0.0043  | P    | 15.7 |
| 4 | <input type="checkbox"/> | 1000.000  | 989.574    | 7774.69   | 0.1968  | P    | 1.9  |
| 5 | <input type="checkbox"/> | 2500.000  | 2441.224   | 18470.94  | 0.4845  | P    | 2.5  |
| 6 | <input type="checkbox"/> | 5000.000  | 4827.256   | 36191.52  | 0.9573  | P    | 2.3  |
| 7 | <input type="checkbox"/> | 10000.000 | 9547.572   | 70148.99  | 1.8926  | P    | 2.4  |
| 8 | <input type="checkbox"/> | 20000.000 | 19366.365  | 137081.35 | 3.8382  | P    | 1.7  |
| 9 | <input type="checkbox"/> | 100000.00 | 100182.18  | 698499.45 | 19.8518 | P    | 1.3  |

$$y = 1.9815\text{E-}004 * x + 7.3515\text{E-}004$$

$$R = 1.0000$$

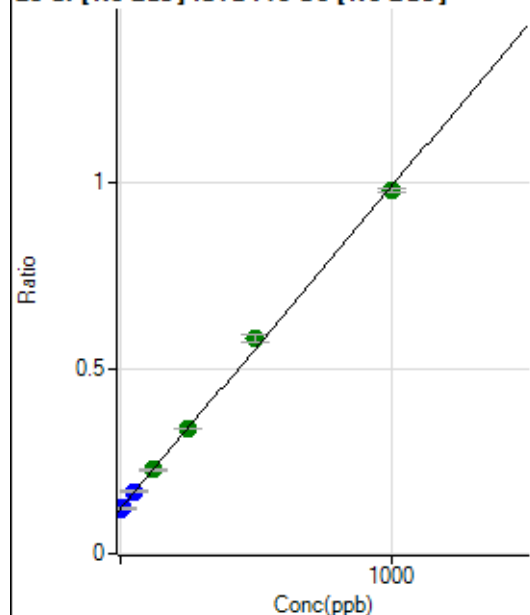
$$DL = 3.842$$

$$BEC = 3.71$$

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      | 465496.17  | 0.1189 | P    | 1.0 |
| 2 | <input type="checkbox"/> | 1.000    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 10.000   | 3.418      | 497287.21  | 0.1219 | P    | 0.6 |
| 4 | <input type="checkbox"/> | 50.000   | 56.781     | 696315.17  | 0.1684 | P    | 0.7 |
| 5 | <input type="checkbox"/> | 125.000  | 123.381    | 920251.94  | 0.2265 | A    | 0.9 |
| 6 | <input type="checkbox"/> | 250.000  | 250.758    | 1373311.73 | 0.3375 | A    | 0.7 |
| 7 | <input type="checkbox"/> | 500.000  | 529.213    | 2218004.46 | 0.5802 | A    | 3.8 |
| 8 | <input type="checkbox"/> | 1000.000 | 985.133    | 3677444.22 | 0.9777 | A    | 0.9 |
| 9 | <input type="checkbox"/> |          |            | 457201.73  | 0.1261 | P    | 2.1 |

$$y = 8.7174\text{E-}004 * x + 0.1189$$

$$R = 0.9993$$

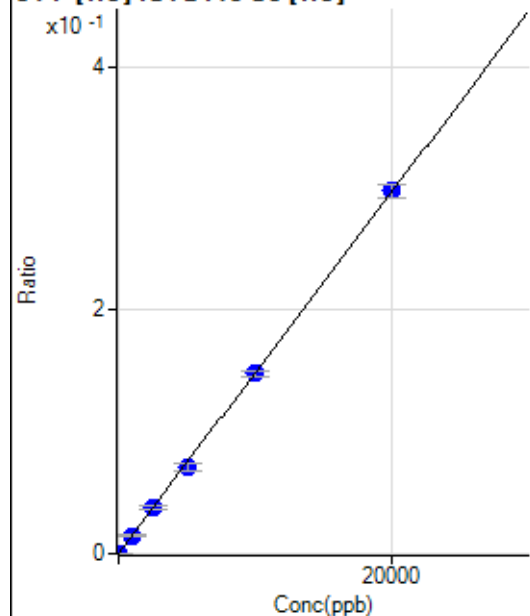
$$DL = 4.181$$

$$BEC = 136.4$$

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     | 2.655      | 8.33     | 0.0002 | P    | 99.8 |
| 2 | <input type="checkbox"/> | 0.000     |            |          |        |      |      |
| 3 | <input type="checkbox"/> | 0.000     | -2.655     | 5.55     | 0.0001 | P    | 86.7 |
| 4 | <input type="checkbox"/> | 1000.000  | 983.560    | 583.37   | 0.0148 | P    | 13.1 |
| 5 | <input type="checkbox"/> | 2500.000  | 2516.247   | 1427.91  | 0.0375 | P    | 8.5  |
| 6 | <input type="checkbox"/> | 5000.000  | 4804.236   | 2700.37  | 0.0714 | P    | 8.1  |
| 7 | <input type="checkbox"/> | 10000.000 | 9944.414   | 5473.52  | 0.1477 | P    | 2.4  |
| 8 | <input type="checkbox"/> | 20000.000 | 20075.525  | 10637.77 | 0.2979 | P    | 4.0  |
| 9 | <input type="checkbox"/> |           |            | 16.67    | 0.0005 | P    | 50.3 |

$$y = 1.4832\text{E-}005 * x + 1.8080\text{E-}004$$

$$R = 0.9999$$

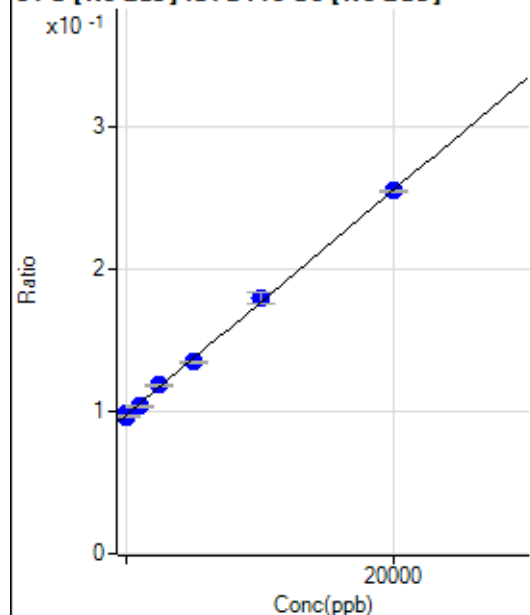
$$DL = 34.63$$

$$BEC = 12.19$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS       | Ratio  | Det. | RSD |
|---|--------------------------|-----------|------------|-----------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 166.566    | 386654.99 | 0.0988 | P    | 0.3 |
| 2 | <input type="checkbox"/> | 0.000     |            |           |        |      |     |
| 3 | <input type="checkbox"/> | 0.000     | -166.566   | 392168.28 | 0.0961 | P    | 1.3 |
| 4 | <input type="checkbox"/> | 1000.000  | 796.511    | 428992.36 | 0.1038 | P    | 1.2 |
| 5 | <input type="checkbox"/> | 2500.000  | 2628.095   | 480624.91 | 0.1183 | P    | 0.5 |
| 6 | <input type="checkbox"/> | 5000.000  | 4694.864   | 547950.56 | 0.1347 | P    | 1.4 |
| 7 | <input type="checkbox"/> | 10000.000 | 10389.799  | 687238.65 | 0.1798 | P    | 4.2 |
| 8 | <input type="checkbox"/> | 20000.000 | 19875.547  | 959146.44 | 0.2550 | P    | 0.5 |
| 9 | <input type="checkbox"/> |           |            | 370509.12 | 0.1022 | P    | 3.2 |

$$y = 7.9270\text{E-}006 * x + 0.0974$$

$$R = 0.9994$$

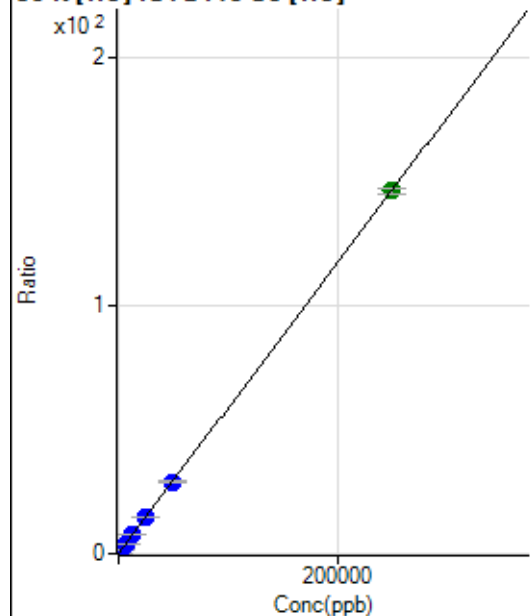
$$DL = 286.2$$

$$BEC = 1.229\text{E}+04$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS        | Ratio    | Det. | RSD |
|---|--------------------------|-----------|------------|------------|----------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 3661.73    | 0.0969   | P    | 5.0 |
| 2 | <input type="checkbox"/> | 50.000    |            |            |          |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 456.524    | 14232.72   | 0.3642   | P    | 3.4 |
| 4 | <input type="checkbox"/> | 2500.000  | 2596.085   | 63859.39   | 1.6167   | P    | 0.9 |
| 5 | <input type="checkbox"/> | 6250.000  | 6739.888   | 154075.51  | 4.0424   | P    | 3.6 |
| 6 | <input type="checkbox"/> | 12500.000 | 12902.421  | 289235.20  | 7.6499   | P    | 1.7 |
| 7 | <input type="checkbox"/> | 25000.000 | 25158.901  | 549524.52  | 14.8247  | P    | 1.7 |
| 8 | <input type="checkbox"/> | 50000.000 | 49506.422  | 1038403.14 | 29.0774  | P    | 1.4 |
| 9 | <input type="checkbox"/> | 250000.00 | 250049.58  | 5154306.76 | 146.4731 | A    | 1.3 |

$$y = 5.8539\text{E-}004 * x + 0.0969$$

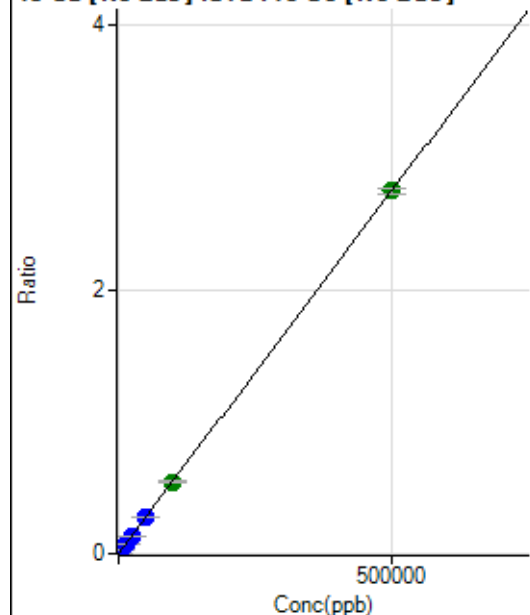
$$R = 1.0000$$

$$DL = 25.04$$

$$BEC = 165.6$$

Weight: &lt;None&gt;

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      | 2358.66    | 0.0006 | P    | 6.5 |
| 2 | <input type="checkbox"/> | 50.000    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 423.187    | 11930.61   | 0.0029 | P    | 1.5 |
| 4 | <input type="checkbox"/> | 5000.000  | 4814.953   | 111711.52  | 0.0270 | P    | 0.6 |
| 5 | <input type="checkbox"/> | 12500.000 | 12310.974  | 276890.02  | 0.0681 | P    | 0.8 |
| 6 | <input type="checkbox"/> | 25000.000 | 24243.441  | 543608.13  | 0.1336 | P    | 0.6 |
| 7 | <input type="checkbox"/> | 50000.000 | 50358.010  | 1058165.94 | 0.2768 | P    | 4.2 |
| 8 | <input type="checkbox"/> | 100000.00 | 98427.480  | 2033051.91 | 0.5405 | A    | 2.2 |
| 9 | <input type="checkbox"/> | 500000.00 | 500323.18  | 9950134.60 | 2.7452 | A    | 1.9 |

$$y = 5.4856\text{E-}006 * x + 6.0252\text{E-}004$$

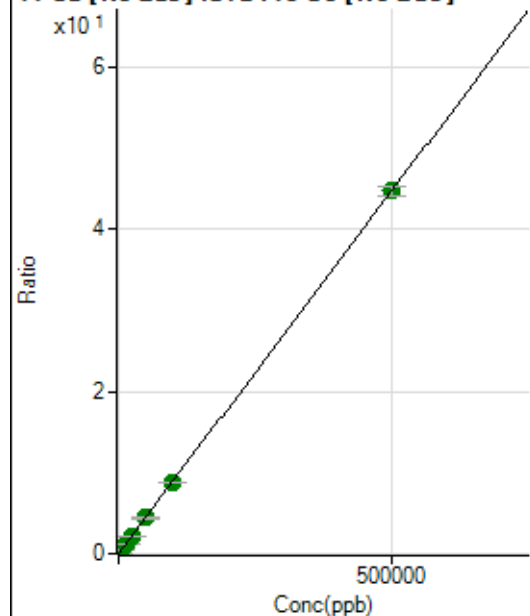
$$R = 1.0000$$

$$DL = 21.26$$

$$BEC = 109.8$$

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      | 48038.80    | 0.0123  | P    | 3.4 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |         |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 424.866    | 204830.33   | 0.0502  | P    | 0.5 |
| 4 | <input type="checkbox"/> | 5000.000  | 4942.809   | 1875316.49  | 0.4535  | A    | 0.9 |
| 5 | <input type="checkbox"/> | 12500.000 | 12320.247  | 4519510.65  | 1.1121  | A    | 0.5 |
| 6 | <input type="checkbox"/> | 25000.000 | 24100.087  | 8804999.50  | 2.1638  | A    | 0.5 |
| 7 | <input type="checkbox"/> | 50000.000 | 49927.075  | 17081672.43 | 4.4694  | A    | 4.5 |
| 8 | <input type="checkbox"/> | 100000.00 | 97480.364  | 32780216.70 | 8.7147  | A    | 0.5 |
| 9 | <input type="checkbox"/> | 500000.00 | 500561.35  | 162005988.3 | 44.6990 | A    | 2.3 |

$$y = 8.9273\text{E-}005 * x + 0.0123$$

$$R = 1.0000$$

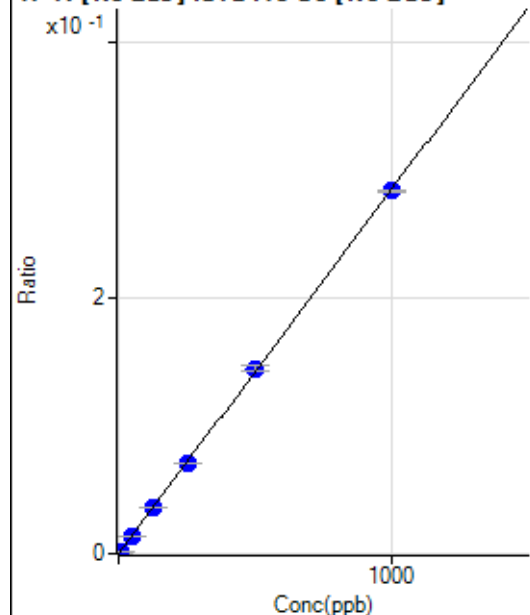
$$DL = 14.23$$

$$BEC = 137.5$$

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      | 144.45     | 0.0000 | P    | 17.9 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.294      | 5134.48    | 0.0013 | P    | 2.4  |
| 4 | <input type="checkbox"/> | 50.000   | 49.673     | 58576.03   | 0.0142 | P    | 0.8  |
| 5 | <input type="checkbox"/> | 125.000  | 125.174    | 144838.02  | 0.0356 | P    | 1.3  |
| 6 | <input type="checkbox"/> | 250.000  | 247.618    | 286760.50  | 0.0705 | P    | 0.3  |
| 7 | <input type="checkbox"/> | 500.000  | 508.520    | 553077.30  | 0.1447 | P    | 3.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 996.333    | 1066138.07 | 0.2834 | P    | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 844.51     | 0.0002 | P    | 22.3 |

$$y = 2.8445\text{E-}004 * x + 3.6868\text{E-}005$$

$$R = 0.9999$$

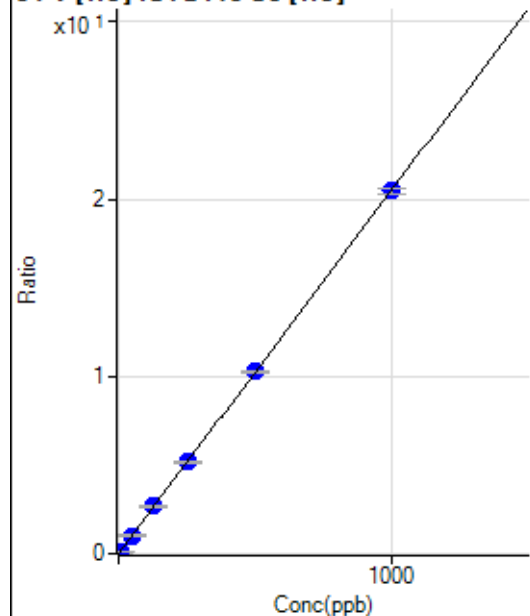
$$DL = 0.06956$$

$$BEC = 0.1296$$

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      | 17.78     | 0.0005  | P    | 38.8 |
| 2 | <input type="checkbox"/> | 0.500    |            |           |         |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.558      | 3670.54   | 0.0939  | P    | 3.3  |
| 4 | <input type="checkbox"/> | 50.000   | 50.134     | 40605.49  | 1.0280  | P    | 1.7  |
| 5 | <input type="checkbox"/> | 125.000  | 129.909    | 101474.37 | 2.6630  | P    | 4.6  |
| 6 | <input type="checkbox"/> | 250.000  | 253.367    | 196351.59 | 5.1933  | P    | 2.2  |
| 7 | <input type="checkbox"/> | 500.000  | 500.139    | 379981.24 | 10.2509 | P    | 1.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 998.471    | 730825.35 | 20.4643 | P    | 1.3  |
| 9 | <input type="checkbox"/> |          |            | 226.68    | 0.0064  | P    | 5.3  |

$$y = 0.0205 * x + 4.7032\text{E-}004$$

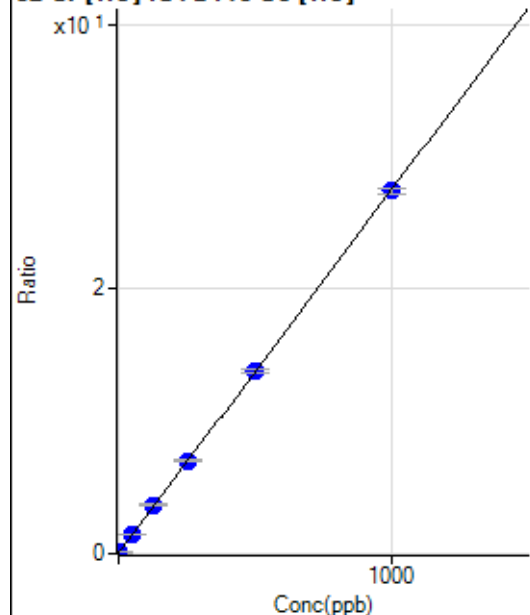
$$R = 1.0000$$

$$DL = 0.02674$$

$$BEC = 0.02295$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS       | Ratio   | Det. | RSD |
|---|--------------------------|----------|------------|-----------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1010.05   | 0.0267  | P    | 3.5 |
| 2 | <input type="checkbox"/> | 0.200    |            |           |         |      |     |
| 3 | <input type="checkbox"/> | 2.000    | 1.838      | 3017.04   | 0.0772  | P    | 3.2 |
| 4 | <input type="checkbox"/> | 50.000   | 50.668     | 55987.14  | 1.4173  | P    | 0.7 |
| 5 | <input type="checkbox"/> | 125.000  | 132.332    | 139445.08 | 3.6587  | P    | 3.7 |
| 6 | <input type="checkbox"/> | 250.000  | 254.919    | 265527.84 | 7.0232  | P    | 2.5 |
| 7 | <input type="checkbox"/> | 500.000  | 501.124    | 510806.85 | 13.7805 | P    | 1.9 |
| 8 | <input type="checkbox"/> | 1000.000 | 997.258    | 978363.14 | 27.3972 | P    | 1.7 |
| 9 | <input type="checkbox"/> |          |            | 4503.03   | 0.1280  | P    | 3.0 |

$$y = 0.0274 * x + 0.0267$$

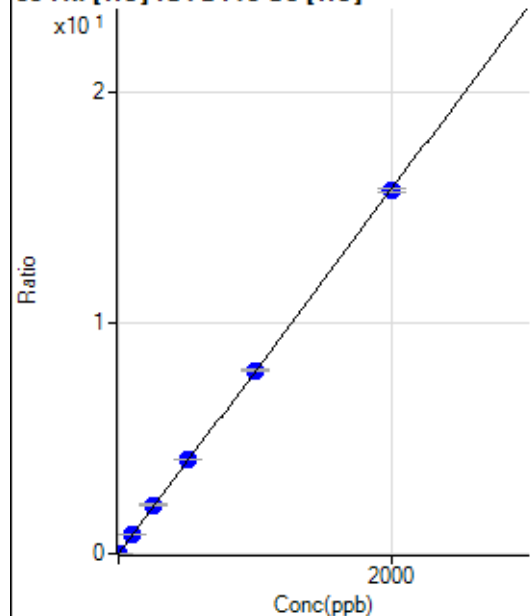
$$R = 1.0000$$

$$DL = 0.1018$$

$$BEC = 0.9742$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS       | Ratio   | Det. | RSD |
|---|--------------------------|----------|------------|-----------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 64.44     | 0.0017  | P    | 8.0 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |         |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 1.008      | 377.79    | 0.0097  | P    | 5.6 |
| 4 | <input type="checkbox"/> | 100.000  | 103.165    | 32217.27  | 0.8156  | P    | 1.3 |
| 5 | <input type="checkbox"/> | 250.000  | 268.514    | 80801.85  | 2.1201  | P    | 3.8 |
| 6 | <input type="checkbox"/> | 500.000  | 517.234    | 154358.34 | 4.0823  | P    | 1.6 |
| 7 | <input type="checkbox"/> | 1000.000 | 1006.164   | 294316.25 | 7.9396  | P    | 1.5 |
| 8 | <input type="checkbox"/> | 2000.000 | 1990.137   | 560767.02 | 15.7025 | P    | 1.2 |
| 9 | <input type="checkbox"/> |          |            | 1483.44   | 0.0422  | P    | 4.6 |

$$y = 0.0079 * x + 0.0017$$

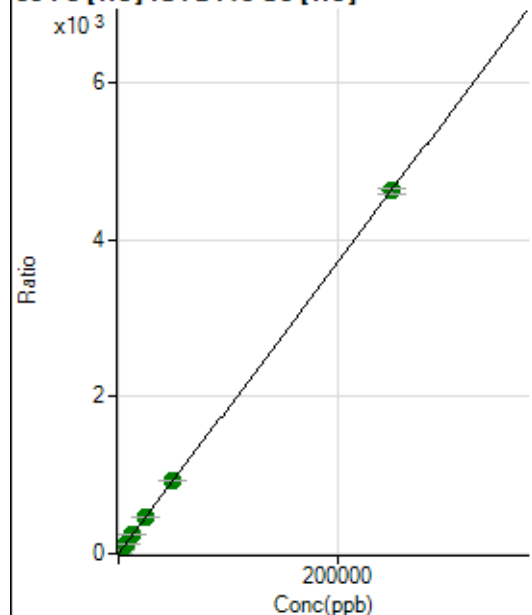
$$R = 0.9999$$

$$DL = 0.05191$$

$$BEC = 0.2162$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio     | Det | RSD |
|---|--------------------------|-----------|------------|-------------|-----------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 2531.78     | 0.0670    | P   | 1.8 |
| 2 | <input type="checkbox"/> | 5.000     |            |             |           |     |     |
| 3 | <input type="checkbox"/> | 50.000    | 45.701     | 35722.17    | 0.9139    | P   | 2.0 |
| 4 | <input type="checkbox"/> | 2500.000  | 2614.153   | 1916157.70  | 48.5088   | A   | 0.5 |
| 5 | <input type="checkbox"/> | 6250.000  | 6689.195   | 4727053.87  | 124.0216  | A   | 3.6 |
| 6 | <input type="checkbox"/> | 12500.000 | 12934.428  | 9064726.13  | 239.7493  | A   | 1.9 |
| 7 | <input type="checkbox"/> | 25000.000 | 25434.490  | 17471978.86 | 471.3826  | A   | 2.4 |
| 8 | <input type="checkbox"/> | 50000.000 | 50434.637  | 33379638.25 | 934.6496  | A   | 0.7 |
| 9 | <input type="checkbox"/> | 250000.00 | 249835.78  | 162896307.3 | 4,629.666 | A   | 1.3 |

$$y = 0.0185 * x + 0.0670$$

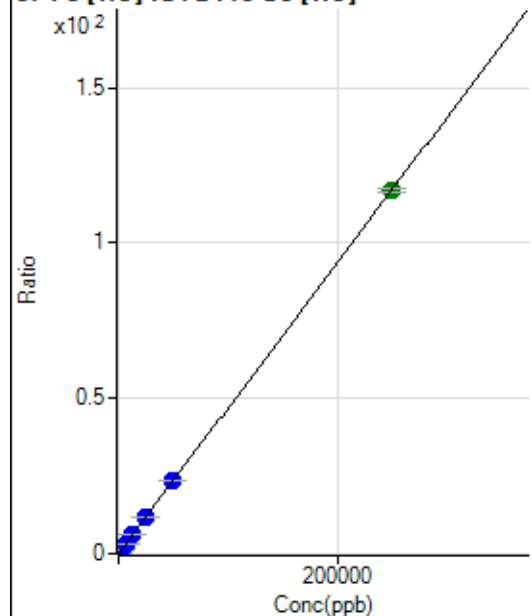
$$R = 1.0000$$

$$DL = 0.1956$$

$$BEC = 3.617$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio    | Det | RSD  |
|---|--------------------------|-----------|------------|------------|----------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 77.78      | 0.0021   | P   | 21.2 |
| 2 | <input type="checkbox"/> | 5.000     |            |            |          |     |      |
| 3 | <input type="checkbox"/> | 50.000    | 46.691     | 933.39     | 0.0239   | P   | 6.2  |
| 4 | <input type="checkbox"/> | 2500.000  | 2596.600   | 48031.15   | 1.2159   | P   | 0.9  |
| 5 | <input type="checkbox"/> | 6250.000  | 6706.956   | 119599.28  | 3.1375   | P   | 3.3  |
| 6 | <input type="checkbox"/> | 12500.000 | 12873.088  | 227633.14  | 6.0201   | P   | 1.3  |
| 7 | <input type="checkbox"/> | 25000.000 | 25315.632  | 438749.86  | 11.8369  | P   | 2.1  |
| 8 | <input type="checkbox"/> | 50000.000 | 50629.400  | 845330.81  | 23.6708  | P   | 1.2  |
| 9 | <input type="checkbox"/> | 250000.00 | 249811.51  | 4109818.73 | 116.7865 | A   | 1.0  |

$$y = 4.6749E-004 * x + 0.0021$$

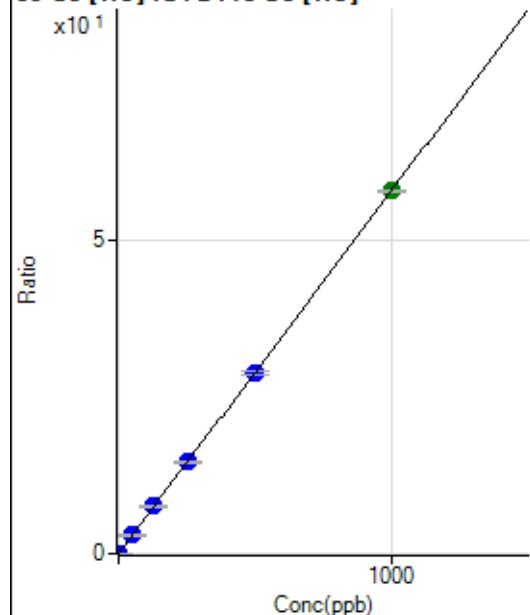
$$R = 1.0000$$

$$DL = 2.795$$

$$BEC = 4.403$$

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      | 53.33      | 0.0014  | P    | 6.0  |
| 2 | <input type="checkbox"/> | 0.100    |            |            |         |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.906      | 2105.75    | 0.0539  | P    | 10.4 |
| 4 | <input type="checkbox"/> | 50.000   | 50.353     | 115350.12  | 2.9202  | P    | 1.0  |
| 5 | <input type="checkbox"/> | 125.000  | 130.163    | 287620.17  | 7.5464  | P    | 3.7  |
| 6 | <input type="checkbox"/> | 250.000  | 253.208    | 555023.09  | 14.6788 | P    | 1.4  |
| 7 | <input type="checkbox"/> | 500.000  | 497.912    | 1069929.83 | 28.8632 | P    | 1.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.579    | 2069353.37 | 57.9425 | A    | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 2393.58    | 0.0680  | P    | 6.3  |

$$y = 0.0580 * x + 0.0014$$

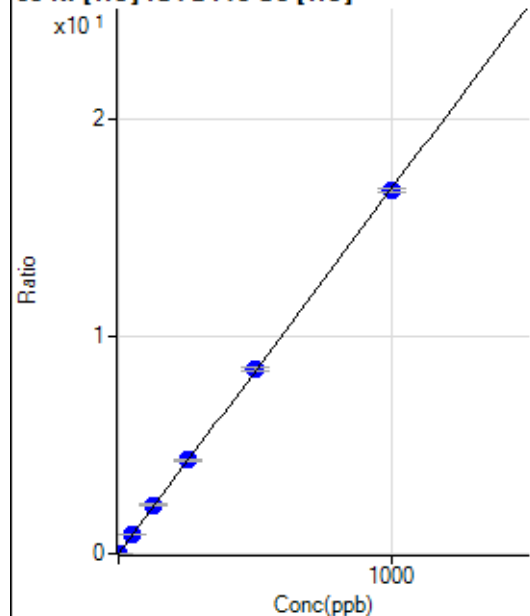
$$R = 1.0000$$

$$DL = 0.004376$$

$$BEC = 0.02435$$

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      | 177.78    | 0.0047  | P    | 5.7 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |         |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.933      | 795.59    | 0.0203  | P    | 5.6 |
| 4 | <input type="checkbox"/> | 50.000   | 51.233     | 34108.56  | 0.8635  | P    | 0.7 |
| 5 | <input type="checkbox"/> | 125.000  | 132.764    | 84978.27  | 2.2301  | P    | 4.6 |
| 6 | <input type="checkbox"/> | 250.000  | 257.017    | 163066.01 | 4.3129  | P    | 2.3 |
| 7 | <input type="checkbox"/> | 500.000  | 506.529    | 314898.34 | 8.4952  | P    | 1.8 |
| 8 | <input type="checkbox"/> | 1000.000 | 993.949    | 595158.80 | 16.6654 | P    | 1.1 |
| 9 | <input type="checkbox"/> |          |            | 1643.46   | 0.0467  | P    | 5.0 |

$$y = 0.0168 * x + 0.0047$$

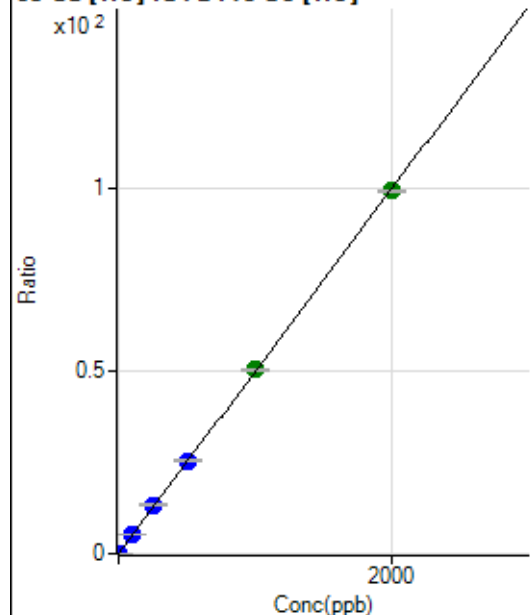
$$R = 0.9999$$

$$DL = 0.04808$$

$$BEC = 0.2807$$

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      | 416.68     | 0.0110  | P    | 10.0 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |         |      |      |
| 3 | <input type="checkbox"/> | 2.000    | 2.196      | 4702.00    | 0.1203  | P    | 2.6  |
| 4 | <input type="checkbox"/> | 100.000  | 101.764    | 200444.20  | 5.0744  | P    | 0.7  |
| 5 | <input type="checkbox"/> | 250.000  | 263.756    | 500572.20  | 13.1344 | P    | 3.9  |
| 6 | <input type="checkbox"/> | 500.000  | 509.225    | 958368.80  | 25.3479 | P    | 2.0  |
| 7 | <input type="checkbox"/> | 1000.000 | 1010.996   | 1865167.63 | 50.3139 | A    | 1.2  |
| 8 | <input type="checkbox"/> | 2000.000 | 1990.388   | 3537212.14 | 99.0442 | A    | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 5790.20    | 0.1646  | P    | 1.2  |

$$y = 0.0498 * x + 0.0110$$

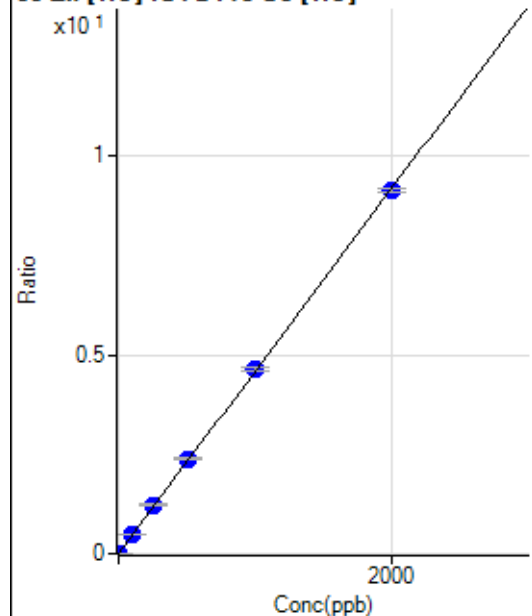
$$R = 0.9999$$

$$DL = 0.06647$$

$$BEC = 0.2217$$

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      | 58.89     | 0.0016 | P    | 40.2 |
| 2 | <input type="checkbox"/> | 0.200    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 2.000    | 1.895      | 401.13    | 0.0103 | P    | 2.1  |
| 4 | <input type="checkbox"/> | 100.000  | 102.951    | 18740.61  | 0.4744 | P    | 1.9  |
| 5 | <input type="checkbox"/> | 250.000  | 268.379    | 47028.49  | 1.2343 | P    | 4.9  |
| 6 | <input type="checkbox"/> | 500.000  | 519.411    | 90272.28  | 2.3873 | P    | 1.3  |
| 7 | <input type="checkbox"/> | 1000.000 | 1009.671   | 171951.90 | 4.6392 | P    | 2.5  |
| 8 | <input type="checkbox"/> | 2000.000 | 1987.867   | 326133.00 | 9.1323 | P    | 1.1  |
| 9 | <input type="checkbox"/> |          |            | 1674.57   | 0.0476 | P    | 2.7  |

$$y = 0.0046 * x + 0.0016$$

$$R = 0.9999$$

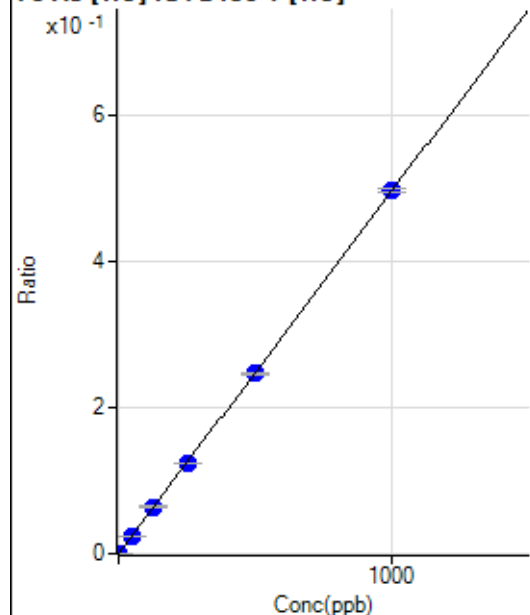
$$DL = 0.4089$$

$$BEC = 0.3393$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 6.17      | 0.0000 | P   | 68.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.903      | 130.87    | 0.0005 | P   | 12.5 |
| 4 | <input type="checkbox"/> | 50.000   | 48.896     | 6802.36   | 0.0243 | P   | 0.8  |
| 5 | <input type="checkbox"/> | 125.000  | 128.709    | 17411.67  | 0.0638 | P   | 3.2  |
| 6 | <input type="checkbox"/> | 250.000  | 249.209    | 33528.28  | 0.1236 | P   | 1.1  |
| 7 | <input type="checkbox"/> | 500.000  | 496.812    | 64329.48  | 0.2463 | P   | 0.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.383   | 122874.78 | 0.4964 | P   | 1.1  |
| 9 | <input type="checkbox"/> |          |            | 41.98     | 0.0002 | P   | 37.3 |

$$y = 4.9570\text{E-}004 * x + 2.2593\text{E-}005$$

$$R = 1.0000$$

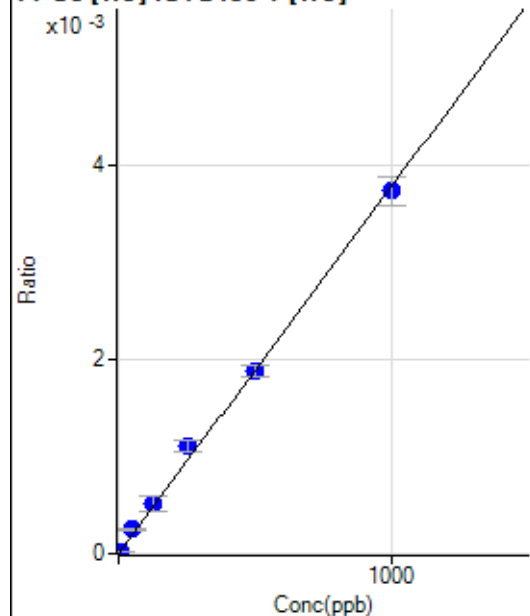
$$DL = 0.09384$$

$$BEC = 0.04558$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS    | Ratio  | Det | 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    | 5.263      | 5.55   | 0.0000 | P   | 68.9 |
| 4 | <input type="checkbox"/> | 50.000   | 65.990     | 70.00  | 0.0002 | P   | 5.1  |
| 5 | <input type="checkbox"/> | 125.000  | 135.472    | 140.00 | 0.0005 | P   | 32.9 |
| 6 | <input type="checkbox"/> | 250.000  | 295.191    | 303.34 | 0.0011 | P   | 10.4 |
| 7 | <input type="checkbox"/> | 500.000  | 496.945    | 491.13 | 0.0019 | P   | 6.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 988.120    | 925.60 | 0.0037 | P   | 8.0  |
| 9 | <input type="checkbox"/> |          |            | 2.22   | 0.0000 | P   | 173. |

$$y = 3.7838\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9988$$

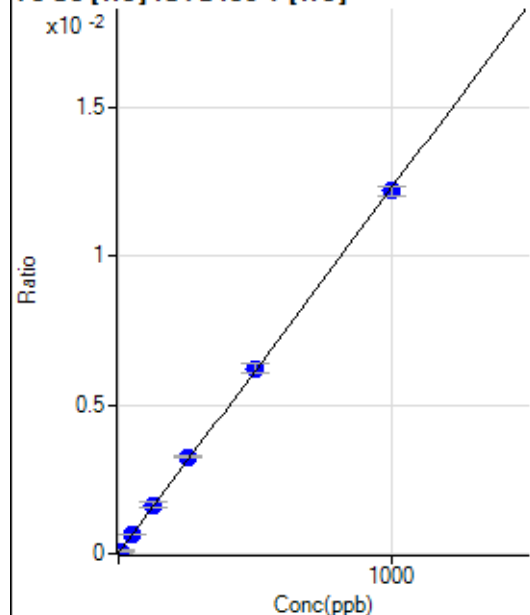
$$DL = 0$$

$$BEC = 0$$

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      | 4.94    | 0.0000 | P    | 22.3 |
| 2 | <input type="checkbox"/> | 0.500    |            |         |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 5.908      | 25.31   | 0.0001 | P    | 44.2 |
| 4 | <input type="checkbox"/> | 50.000   | 51.761     | 183.34  | 0.0007 | P    | 4.9  |
| 5 | <input type="checkbox"/> | 125.000  | 132.692    | 449.39  | 0.0016 | P    | 8.3  |
| 6 | <input type="checkbox"/> | 250.000  | 264.124    | 885.22  | 0.0033 | P    | 2.2  |
| 7 | <input type="checkbox"/> | 500.000  | 505.844    | 1627.27 | 0.0062 | P    | 4.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 992.493    | 3021.96 | 0.0122 | P    | 2.6  |
| 9 | <input type="checkbox"/> |          |            | 8.64    | 0.0000 | P    | 53.7 |

$$y = 1.2283\text{E-}005 * x + 1.8162\text{E-}005$$

$$R = 0.9999$$

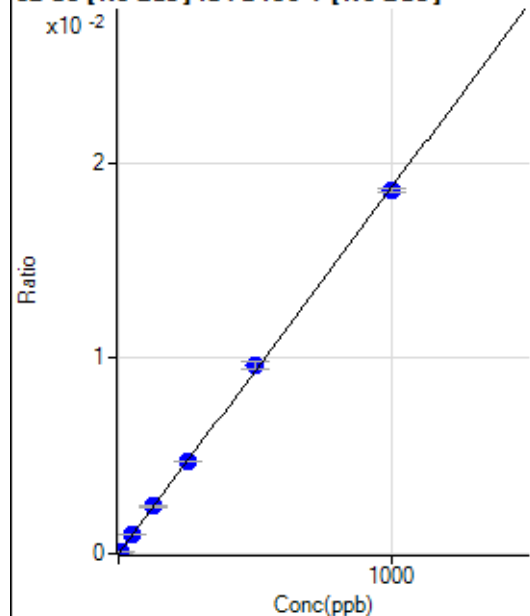
$$DL = 0.989$$

$$BEC = 1.479$$

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      | -88.25    | 0.0000 | P    | -42. |
| 2 | <input type="checkbox"/> | 0.500    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.314      | 524.40    | 0.0001 | P    | 9.6  |
| 4 | <input type="checkbox"/> | 50.000   | 51.124     | 7224.51   | 0.0009 | P    | 1.4  |
| 5 | <input type="checkbox"/> | 125.000  | 128.963    | 18226.53  | 0.0024 | P    | 1.1  |
| 6 | <input type="checkbox"/> | 250.000  | 250.732    | 35661.92  | 0.0047 | P    | 0.2  |
| 7 | <input type="checkbox"/> | 500.000  | 515.347    | 69703.71  | 0.0096 | P    | 4.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 991.595    | 133131.93 | 0.0185 | P    | 0.9  |
| 9 | <input type="checkbox"/> |          |            | 10.65     | 0.0000 | P    | 126. |

$$y = 1.8717\text{E-}005 * x - 1.1908\text{E-}005$$

$$R = 0.9998$$

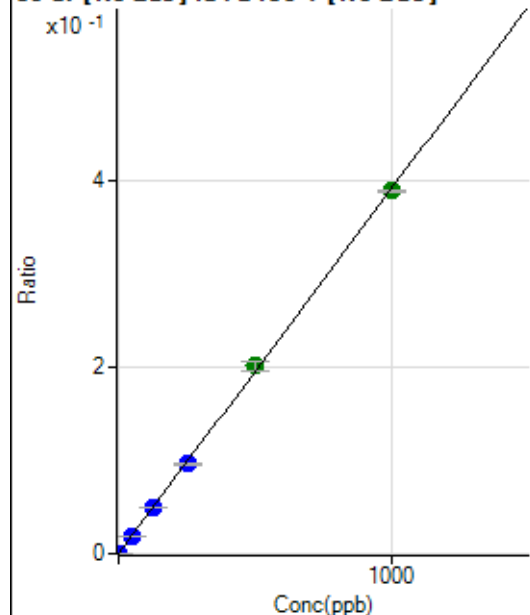
$$DL = 0.8069$$

$$BEC = -0.6362$$

Weight: &lt;None&gt;

Min Conc: 0

86 Sr [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      | 1011.19    | 0.0001 | P    | 7.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.857      | 3589.53    | 0.0005 | P    | 3.5 |
| 4 | <input type="checkbox"/> | 50.000   | 48.816     | 146868.72  | 0.0192 | P    | 1.3 |
| 5 | <input type="checkbox"/> | 125.000  | 125.009    | 371719.38  | 0.0490 | P    | 0.1 |
| 6 | <input type="checkbox"/> | 250.000  | 245.019    | 730399.96  | 0.0959 | P    | 0.3 |
| 7 | <input type="checkbox"/> | 500.000  | 514.311    | 1454701.79 | 0.2011 | A    | 5.3 |
| 8 | <input type="checkbox"/> | 1000.000 | 994.148    | 2789304.94 | 0.3886 | A    | 0.7 |
| 9 | <input type="checkbox"/> |          |            | 92311.17   | 0.0133 | P    | 1.5 |

$$y = 3.9075\text{E-}004 * x + 1.3659\text{E-}004$$

$$R = 0.9998$$

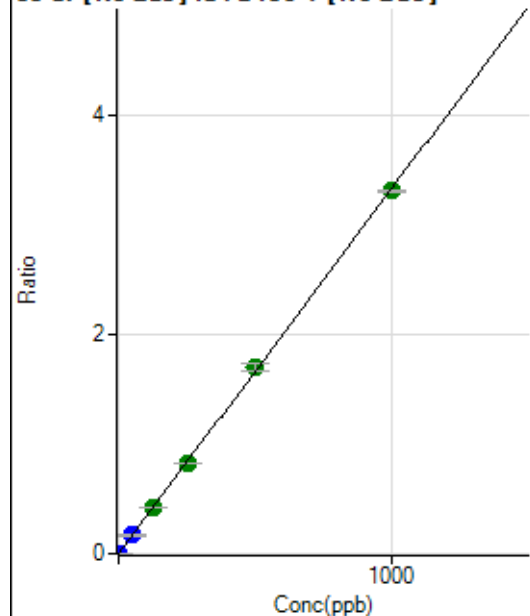
$$DL = 0.07775$$

$$BEC = 0.3495$$

Weight: &lt;None&gt;

Min Conc: 0

88 Sr [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      | 302.80      | 0.0000 | P    | 10.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.913      | 23476.48    | 0.0031 | P    | 1.9  |
| 4 | <input type="checkbox"/> | 50.000   | 50.076     | 1276002.90  | 0.1669 | P    | 0.1  |
| 5 | <input type="checkbox"/> | 125.000  | 127.433    | 3222710.06  | 0.4247 | A    | 0.8  |
| 6 | <input type="checkbox"/> | 250.000  | 248.175    | 6300607.91  | 0.8270 | A    | 0.3  |
| 7 | <input type="checkbox"/> | 500.000  | 511.087    | 12324895.76 | 1.7032 | A    | 4.0  |
| 8 | <input type="checkbox"/> | 1000.000 | 994.605    | 23790493.76 | 3.3144 | A    | 0.2  |
| 9 | <input type="checkbox"/> |          |            | 799677.14   | 0.1151 | P    | 1.9  |

$$y = 0.0033 * x + 4.0892\text{E-}005$$

$$R = 0.9999$$

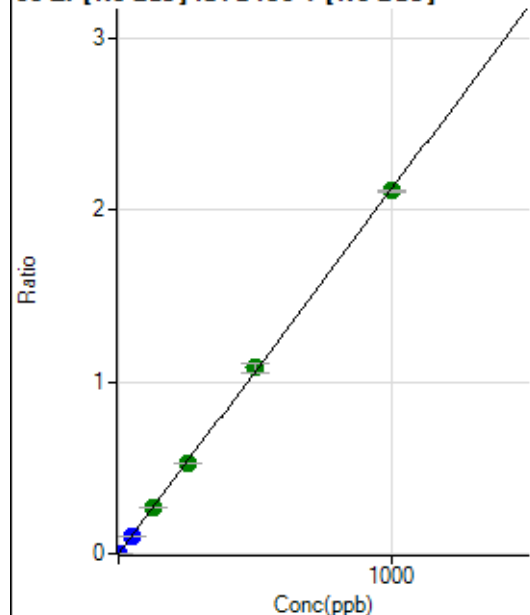
$$DL = 0.003884$$

$$BEC = 0.01227$$

Weight: &lt;None&gt;

Min Conc: 0

90 Zr [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      | 422.25      | 0.0001 | P    | 19.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.824      | 13738.01    | 0.0018 | P    | 1.1  |
| 4 | <input type="checkbox"/> | 50.000   | 49.192     | 798165.58   | 0.1044 | P    | 0.9  |
| 5 | <input type="checkbox"/> | 125.000  | 126.360    | 2034438.22  | 0.2681 | A    | 1.0  |
| 6 | <input type="checkbox"/> | 250.000  | 247.842    | 4005509.81  | 0.5258 | A    | 0.7  |
| 7 | <input type="checkbox"/> | 500.000  | 510.000    | 7826912.50  | 1.0819 | A    | 5.0  |
| 8 | <input type="checkbox"/> | 1000.000 | 995.410    | 15156247.91 | 2.1116 | A    | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 3128.28     | 0.0005 | P    | 1.2  |

$$y = 0.0021 * x + 5.6984E-005$$

$$R = 0.9999$$

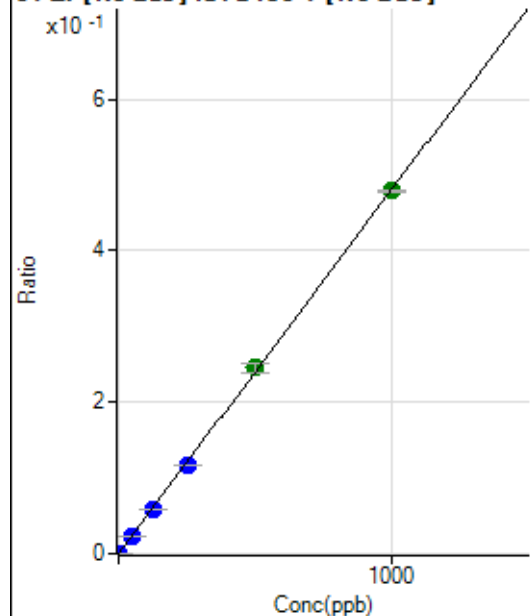
$$DL = 0.01567$$

$$BEC = 0.02686$$

Weight: &lt;None&gt;

Min Conc: 0

91 Zr [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      | 97.23      | 0.0000 | P    | 10.8 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.792      | 2994.91    | 0.0004 | P    | 4.4  |
| 4 | <input type="checkbox"/> | 50.000   | 47.854     | 175716.87  | 0.0230 | P    | 1.4  |
| 5 | <input type="checkbox"/> | 125.000  | 122.316    | 445693.95  | 0.0587 | P    | 0.3  |
| 6 | <input type="checkbox"/> | 250.000  | 241.740    | 884147.24  | 0.1161 | P    | 0.9  |
| 7 | <input type="checkbox"/> | 500.000  | 510.593    | 1772942.55 | 0.2451 | A    | 5.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 997.212    | 3436307.50 | 0.4787 | A    | 0.3  |
| 9 | <input type="checkbox"/> |          |            | 686.16     | 0.0001 | P    | 25.2 |

$$y = 4.8006E-004 * x + 1.3143E-005$$

$$R = 0.9999$$

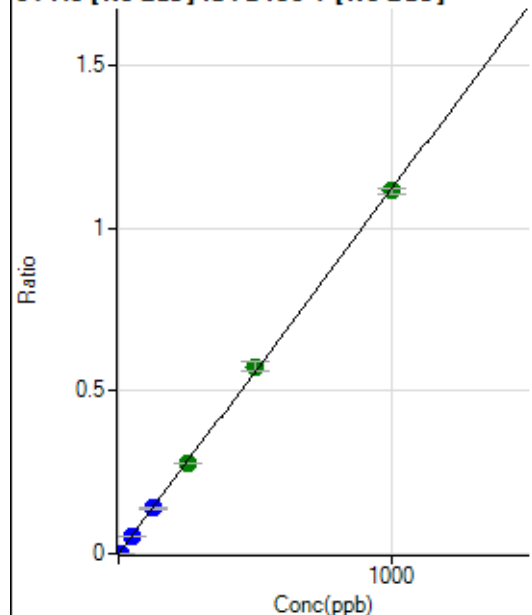
$$DL = 0.00883$$

$$BEC = 0.02738$$

Weight: &lt;None&gt;

Min Conc: 0

94 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      | 252.79     | 0.0000 | P    | 22.0 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 1.836      | 15918.33   | 0.0021 | P    | 1.3  |
| 4 | <input type="checkbox"/> | 50.000   | 48.664     | 416895.88  | 0.0545 | P    | 0.6  |
| 5 | <input type="checkbox"/> | 125.000  | 123.975    | 1053845.22 | 0.1389 | P    | 0.4  |
| 6 | <input type="checkbox"/> | 250.000  | 247.305    | 2110084.12 | 0.2770 | A    | 0.7  |
| 7 | <input type="checkbox"/> | 500.000  | 511.685    | 4145578.48 | 0.5731 | A    | 5.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 995.042    | 7998474.92 | 1.1144 | A    | 1.4  |
| 9 | <input type="checkbox"/> |          |            | 3889.63    | 0.0006 | P    | 4.8  |

$$y = 0.0011 * x + 3.4132E-005$$

$$R = 0.9999$$

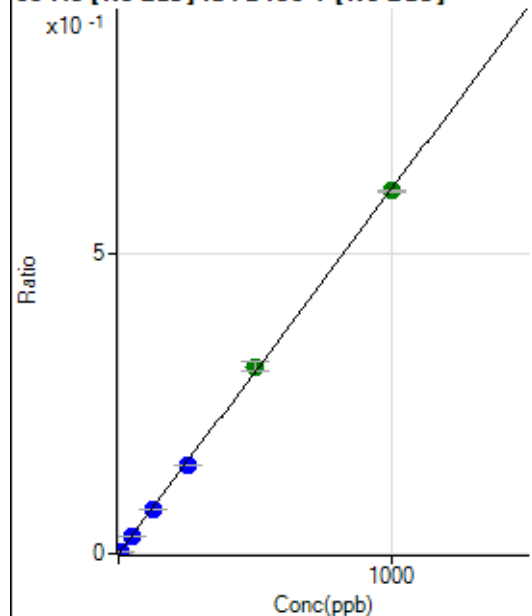
$$DL = 0.02007$$

$$BEC = 0.03048$$

Weight: &lt;None&gt;

Min Conc: 0

95 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      | 91.67      | 0.0000 | P    | 27.0 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.168      | 19322.74   | 0.0025 | P    | 1.5  |
| 4 | <input type="checkbox"/> | 50.000   | 48.062     | 222702.35  | 0.0291 | P    | 0.7  |
| 5 | <input type="checkbox"/> | 125.000  | 122.786    | 564606.55  | 0.0744 | P    | 0.9  |
| 6 | <input type="checkbox"/> | 250.000  | 241.328    | 1113952.90 | 0.1462 | P    | 0.1  |
| 7 | <input type="checkbox"/> | 500.000  | 514.224    | 2253868.65 | 0.3116 | A    | 5.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 995.434    | 4328978.53 | 0.6031 | A    | 0.6  |
| 9 | <input type="checkbox"/> |          |            | 4364.81    | 0.0006 | P    | 4.5  |

$$y = 6.0587E-004 * x + 1.2381E-005$$

$$R = 0.9998$$

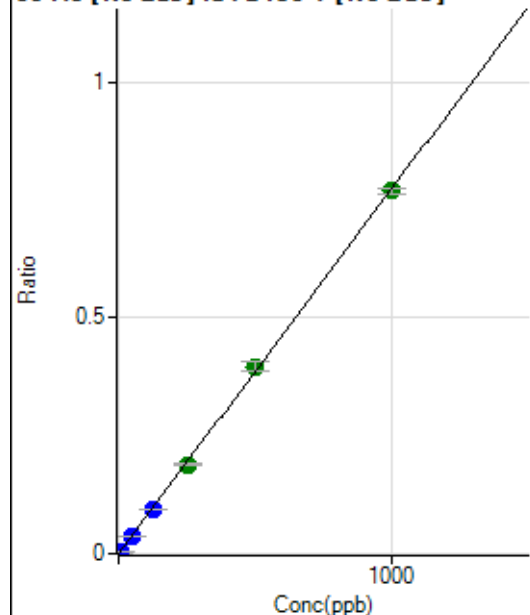
$$DL = 0.01655$$

$$BEC = 0.02044$$

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      | 241.68     | 0.0000 | P    | 9.6 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 5.000    | 3.649      | 21737.69   | 0.0029 | P    | 1.1 |
| 4 | <input type="checkbox"/> | 50.000   | 48.568     | 287340.78  | 0.0376 | P    | 0.7 |
| 5 | <input type="checkbox"/> | 125.000  | 123.243    | 723376.19  | 0.0953 | P    | 0.8 |
| 6 | <input type="checkbox"/> | 250.000  | 244.549    | 1440733.77 | 0.1891 | A    | 1.0 |
| 7 | <input type="checkbox"/> | 500.000  | 513.547    | 2872253.77 | 0.3971 | A    | 5.7 |
| 8 | <input type="checkbox"/> | 1000.000 | 994.888    | 5521698.17 | 0.7693 | A    | 1.3 |
| 9 | <input type="checkbox"/> |          |            | 7202.25    | 0.0010 | P    | 4.1 |

$$y = 7.7324\text{E-}004 * x + 3.2634\text{E-}005$$

$$R = 0.9998$$

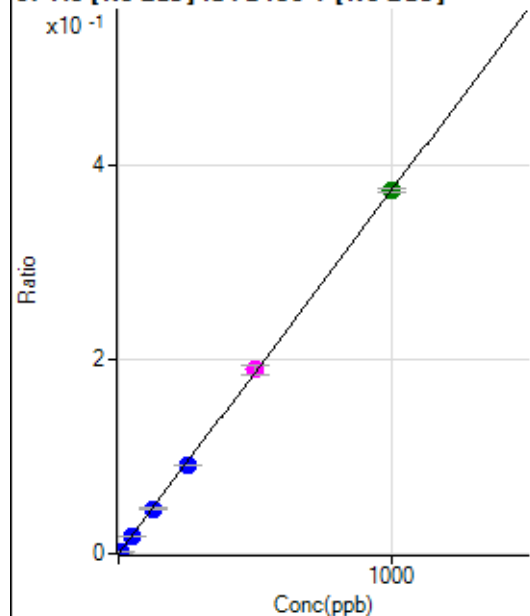
$$DL = 0.01213$$

$$BEC = 0.04221$$

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      | 163.90     | 0.0000 | P    | 8.3 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 5.000    | 4.232      | 12217.19   | 0.0016 | P    | 1.1 |
| 4 | <input type="checkbox"/> | 50.000   | 48.453     | 138638.13  | 0.0181 | P    | 0.6 |
| 5 | <input type="checkbox"/> | 125.000  | 124.088    | 352177.62  | 0.0464 | P    | 1.1 |
| 6 | <input type="checkbox"/> | 250.000  | 243.468    | 693527.13  | 0.0910 | P    | 0.2 |
| 7 | <input type="checkbox"/> | 500.000  | 505.653    | 1367778.42 | 0.1890 | M    | 4.6 |
| 8 | <input type="checkbox"/> | 1000.000 | 999.001    | 2680597.26 | 0.3735 | A    | 1.1 |
| 9 | <input type="checkbox"/> |          |            | 2736.51    | 0.0004 | P    | 7.5 |

$$y = 3.7382\text{E-}004 * x + 2.2149\text{E-}005$$

$$R = 1.0000$$

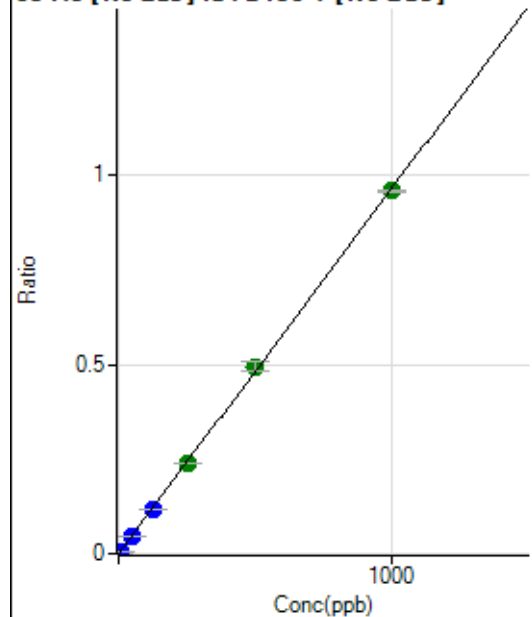
$$DL = 0.01476$$

$$BEC = 0.05925$$

Weight: &lt;None&gt;

Min Conc: 0

98 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      | 116.67     | 0.0000 | P    | 32.6 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.275      | 31484.76   | 0.0041 | P    | 2.5  |
| 4 | <input type="checkbox"/> | 50.000   | 48.672     | 358554.30  | 0.0469 | P    | 0.9  |
| 5 | <input type="checkbox"/> | 125.000  | 123.284    | 901368.80  | 0.1188 | P    | 0.1  |
| 6 | <input type="checkbox"/> | 250.000  | 247.292    | 1814953.84 | 0.2382 | A    | 0.2  |
| 7 | <input type="checkbox"/> | 500.000  | 512.858    | 3574138.97 | 0.4941 | A    | 5.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 994.533    | 6876893.82 | 0.9581 | A    | 0.6  |
| 9 | <input type="checkbox"/> |          |            | 6804.81    | 0.0010 | P    | 6.5  |

$$y = 9.6334\text{E-}004 * x + 1.5762\text{E-}005$$

$$R = 0.9999$$

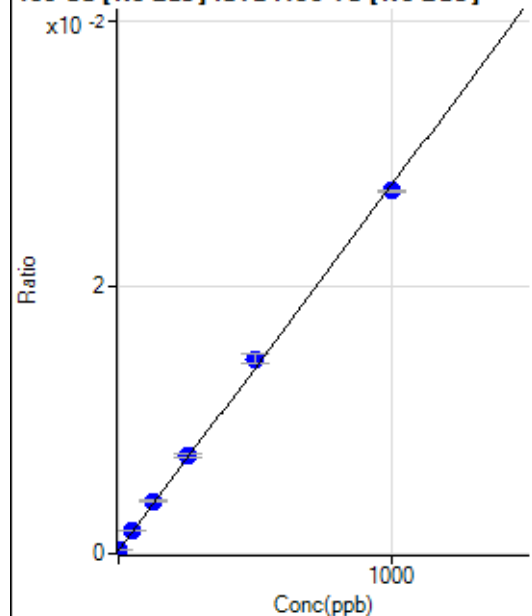
$$DL = 0.016$$

$$BEC = 0.01636$$

Weight: &lt;None&gt;

Min Conc: 0

106 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      | 1969.68   | 0.0003 | P    | 2.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.165      | 2044.70   | 0.0003 | P    | 8.5 |
| 4 | <input type="checkbox"/> | 50.000   | 53.129     | 13888.31  | 0.0017 | P    | 0.9 |
| 5 | <input type="checkbox"/> | 125.000  | 135.208    | 32336.99  | 0.0040 | P    | 0.9 |
| 6 | <input type="checkbox"/> | 250.000  | 259.280    | 60826.85  | 0.0074 | P    | 2.2 |
| 7 | <input type="checkbox"/> | 500.000  | 524.079    | 118598.06 | 0.0146 | P    | 4.5 |
| 8 | <input type="checkbox"/> | 1000.000 | 984.209    | 227268.02 | 0.0272 | P    | 0.2 |
| 9 | <input type="checkbox"/> |          |            | 1727.97   | 0.0002 | P    | 3.6 |

$$y = 2.7388\text{E-}005 * x + 2.5179\text{E-}004$$

$$R = 0.9995$$

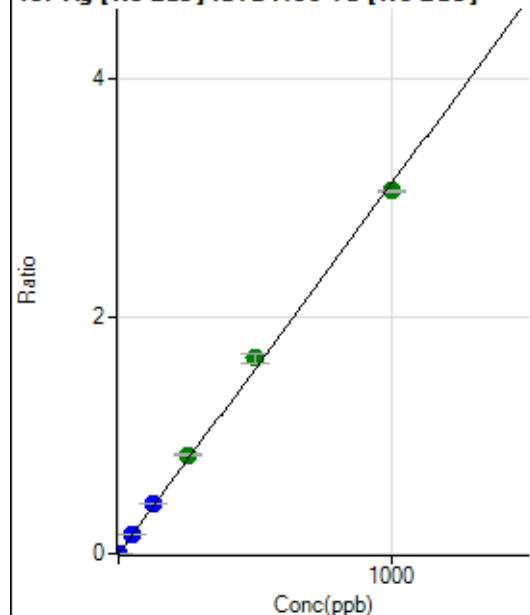
$$DL = 0.7009$$

$$BEC = 9.193$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 163.90      | 0.0000 | P    | 17.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.299      | 32507.27    | 0.0041 | P    | 2.9  |
| 4 | <input type="checkbox"/> | 50.000   | 54.019     | 1371475.31  | 0.1686 | P    | 0.3  |
| 5 | <input type="checkbox"/> | 125.000  | 134.099    | 3421075.92  | 0.4184 | P    | 0.6  |
| 6 | <input type="checkbox"/> | 250.000  | 266.172    | 6870506.64  | 0.8305 | A    | 1.7  |
| 7 | <input type="checkbox"/> | 500.000  | 527.660    | 13366935.43 | 1.6463 | A    | 4.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 980.789    | 25560691.37 | 3.0601 | A    | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 2644.67     | 0.0003 | P    | 12.9 |

$$y = 0.0031 * x + 2.0930E-005$$

$$R = 0.9993$$

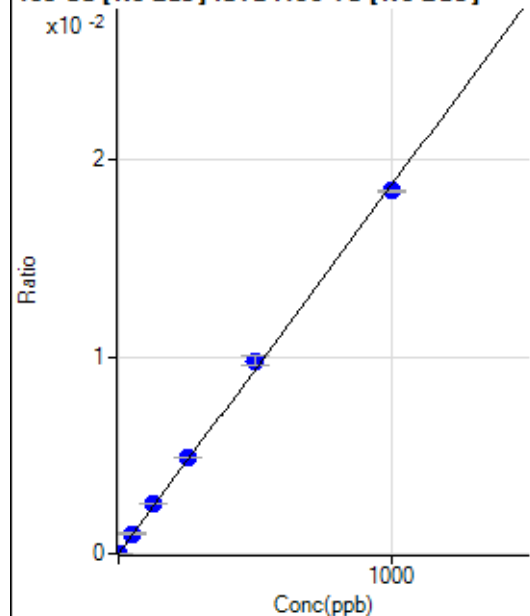
$$DL = 0.003472$$

$$BEC = 0.006708$$

Weight: &lt;None&gt;

Min Conc: 0

108 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      | 19.44     | 0.0000 | P    | 33.2 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.974      | 165.28    | 0.0000 | P    | 9.3  |
| 4 | <input type="checkbox"/> | 50.000   | 54.307     | 8287.41   | 0.0010 | P    | 1.8  |
| 5 | <input type="checkbox"/> | 125.000  | 134.138    | 20540.89  | 0.0025 | P    | 1.6  |
| 6 | <input type="checkbox"/> | 250.000  | 259.531    | 40193.49  | 0.0049 | P    | 1.0  |
| 7 | <input type="checkbox"/> | 500.000  | 523.022    | 79471.48  | 0.0098 | P    | 4.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 984.749    | 153914.41 | 0.0184 | P    | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 26.39     | 0.0000 | P    | 50.4 |

$$y = 1.8709E-005 * x + 2.4877E-006$$

$$R = 0.9995$$

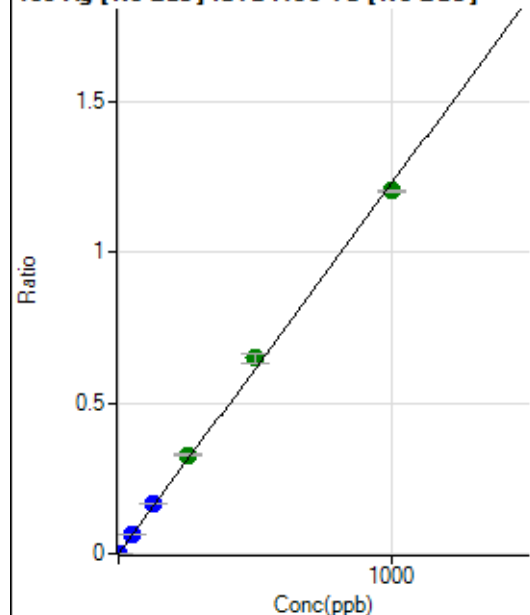
$$DL = 0.1326$$

$$BEC = 0.133$$

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      | 55.56       | 0.0000 | P    | 37.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.293      | 12709.30    | 0.0016 | P    | 3.4  |
| 4 | <input type="checkbox"/> | 50.000   | 53.889     | 538048.05   | 0.0661 | P    | 0.3  |
| 5 | <input type="checkbox"/> | 125.000  | 133.566    | 1340036.85  | 0.1639 | P    | 0.7  |
| 6 | <input type="checkbox"/> | 250.000  | 266.019    | 2700394.59  | 0.3264 | A    | 1.6  |
| 7 | <input type="checkbox"/> | 500.000  | 528.105    | 5261045.30  | 0.6480 | A    | 5.0  |
| 8 | <input type="checkbox"/> | 1000.000 | 980.677    | 10051042.93 | 1.2033 | A    | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 1066.76     | 0.0001 | P    | 7.3  |

$$y = 0.0012 * x + 7.0985E-006$$

$$R = 0.9992$$

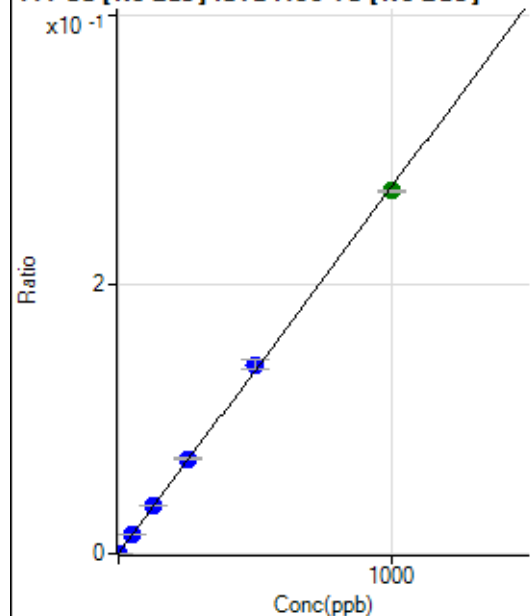
$$DL = 0.006501$$

$$BEC = 0.005785$$

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      | 1386.00    | 0.0002 | P    | 2.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.880      | 3321.34    | 0.0004 | P    | 6.4 |
| 4 | <input type="checkbox"/> | 50.000   | 52.735     | 118033.85  | 0.0145 | P    | 1.3 |
| 5 | <input type="checkbox"/> | 125.000  | 131.320    | 293217.34  | 0.0359 | P    | 0.7 |
| 6 | <input type="checkbox"/> | 250.000  | 257.595    | 580571.03  | 0.0702 | P    | 1.2 |
| 7 | <input type="checkbox"/> | 500.000  | 515.208    | 1138128.86 | 0.1402 | P    | 4.9 |
| 8 | <input type="checkbox"/> | 1000.000 | 989.571    | 2247619.41 | 0.2691 | A    | 0.5 |
| 9 | <input type="checkbox"/> |          |            | 1568.89    | 0.0002 | P    | 2.9 |

$$y = 2.7173E-004 * x + 1.7717E-004$$

$$R = 0.9998$$

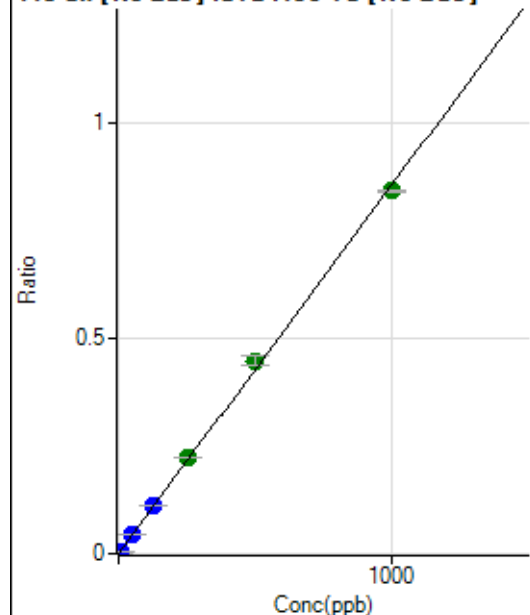
$$DL = 0.04465$$

$$BEC = 0.652$$

Weight: &lt;None&gt;

Min Conc: 0

118 Sn [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      | 1591.83    | 0.0002 | P   | 6.4 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |     |     |
| 3 | <input type="checkbox"/> | 5.000    | 4.587      | 32894.21   | 0.0041 | P   | 1.6 |
| 4 | <input type="checkbox"/> | 50.000   | 51.882     | 362334.06  | 0.0445 | P   | 0.4 |
| 5 | <input type="checkbox"/> | 125.000  | 129.731    | 907969.76  | 0.1110 | P   | 0.7 |
| 6 | <input type="checkbox"/> | 250.000  | 261.905    | 1853094.90 | 0.2240 | A   | 0.8 |
| 7 | <input type="checkbox"/> | 500.000  | 522.748    | 3628168.70 | 0.4468 | A   | 4.8 |
| 8 | <input type="checkbox"/> | 1000.000 | 984.966    | 7031373.25 | 0.8418 | A   | 0.6 |
| 9 | <input type="checkbox"/> |          |            | 5884.94    | 0.0007 | P   | 9.0 |

$$y = 8.5441\text{E-}004 * x + 2.0353\text{E-}004$$

$$R = 0.9995$$

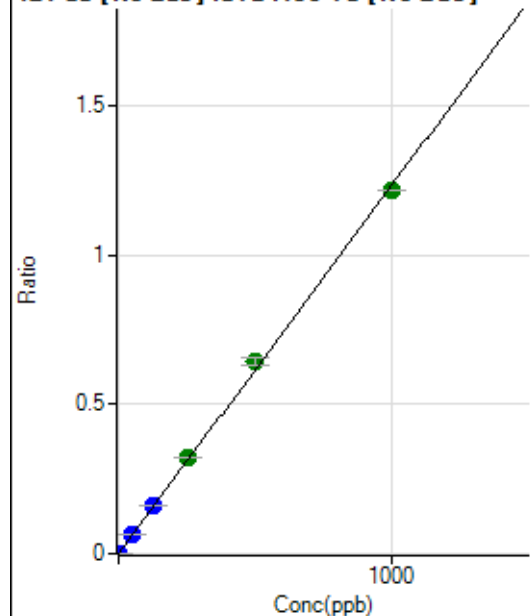
$$DL = 0.04582$$

$$BEC = 0.2382$$

Weight: &lt;None&gt;

Min Conc: 0

121 Sb [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      | 58.34       | 0.0000 | P   | 57.9 |
| 2 | <input type="checkbox"/> | 0.200    |            |             |        |     |      |
| 3 | <input type="checkbox"/> | 2.000    | 1.828      | 18037.83    | 0.0023 | P   | 2.9  |
| 4 | <input type="checkbox"/> | 50.000   | 51.717     | 518791.09   | 0.0638 | P   | 0.3  |
| 5 | <input type="checkbox"/> | 125.000  | 130.120    | 1311586.92  | 0.1604 | P   | 0.6  |
| 6 | <input type="checkbox"/> | 250.000  | 260.896    | 2660953.64  | 0.3216 | A   | 1.0  |
| 7 | <input type="checkbox"/> | 500.000  | 520.978    | 5215614.83  | 0.6422 | A   | 4.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 986.062    | 10153661.69 | 1.2156 | A   | 0.0  |
| 9 | <input type="checkbox"/> |          |            | 21359.66    | 0.0026 | P   | 2.9  |

$$y = 0.0012 * x + 7.4804\text{E-}006$$

$$R = 0.9996$$

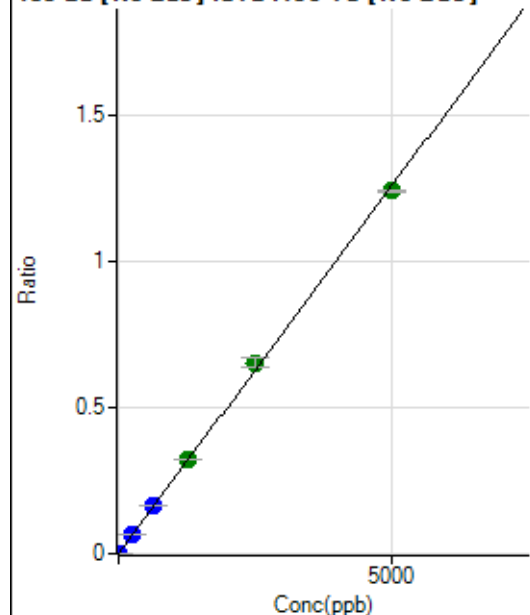
$$DL = 0.01053$$

$$BEC = 0.006068$$

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      | 94.45       | 0.0000 | P    | 20.2 |
| 2 | <input type="checkbox"/> | 1.000    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 10.000   | 9.104      | 18338.40    | 0.0023 | P    | 0.3  |
| 4 | <input type="checkbox"/> | 250.000  | 257.329    | 525854.94   | 0.0646 | P    | 0.5  |
| 5 | <input type="checkbox"/> | 625.000  | 645.147    | 1324696.81  | 0.1620 | P    | 1.0  |
| 6 | <input type="checkbox"/> | 1250.000 | 1285.657   | 2671203.27  | 0.3229 | A    | 0.6  |
| 7 | <input type="checkbox"/> | 2500.000 | 2601.713   | 5305632.80  | 0.6533 | A    | 4.3  |
| 8 | <input type="checkbox"/> | 5000.000 | 4937.346   | 10356533.39 | 1.2398 | A    | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 3467.28     | 0.0004 | P    | 7.7  |

$$y = 2.5111\text{E-}004 * x + 1.2070\text{E-}005$$

$$R = 0.9997$$

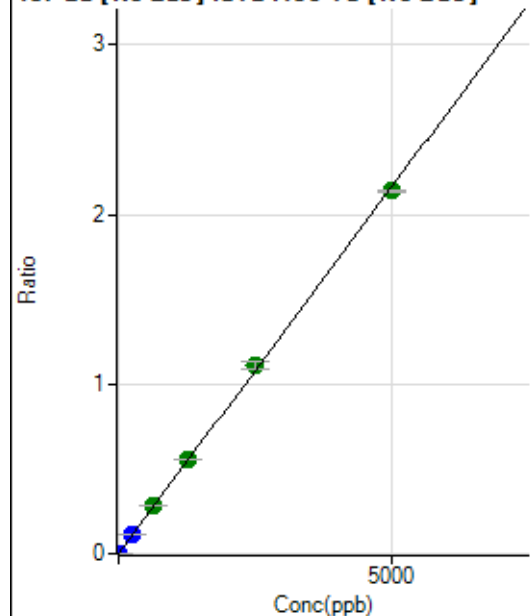
$$DL = 0.0291$$

$$BEC = 0.04806$$

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      | 108.34      | 0.0000 | P    | 21.2 |
| 2 | <input type="checkbox"/> | 1.000    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 10.000   | 9.163      | 31708.45    | 0.0040 | P    | 1.3  |
| 4 | <input type="checkbox"/> | 250.000  | 257.049    | 904003.85   | 0.1111 | P    | 1.0  |
| 5 | <input type="checkbox"/> | 625.000  | 651.215    | 2301399.94  | 0.2815 | A    | 0.2  |
| 6 | <input type="checkbox"/> | 1250.000 | 1283.128   | 4588095.50  | 0.5546 | A    | 1.0  |
| 7 | <input type="checkbox"/> | 2500.000 | 2575.543   | 9039927.89  | 1.1131 | A    | 4.1  |
| 8 | <input type="checkbox"/> | 5000.000 | 4950.319   | 17871287.21 | 2.1395 | A    | 0.2  |
| 9 | <input type="checkbox"/> |          |            | 6329.55     | 0.0008 | P    | 6.0  |

$$y = 4.3219\text{E-}004 * x + 1.3862\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.02039$$

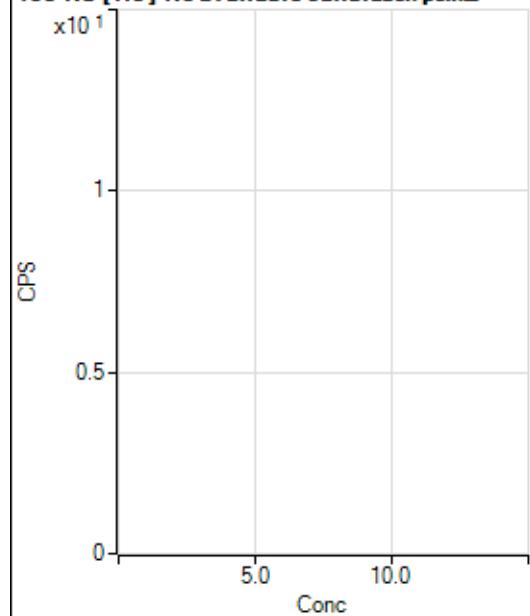
$$BEC = 0.03207$$

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"/> |       |            | 33.33  |       | P        | 34.6 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 11.11  |       | P        | 91.7 |
| 4 | <input type="checkbox"/> |       |            | 28.89  |       | P        | 48.0 |
| 5 | <input type="checkbox"/> |       |            | 71.12  |       | P        | 67.8 |
| 6 | <input type="checkbox"/> |       |            | 122.23 |       | P        | 24.6 |
| 7 | <input type="checkbox"/> |       |            | 191.12 |       | P        | 14.5 |
| 8 | <input type="checkbox"/> |       |            | 413.36 |       | P        | 12.2 |
| 9 | <input type="checkbox"/> |       |            | 97.78  |       | P        | 37.6 |

**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"/> |       |            | 2.22  |       | P        | 86.6 |
| 4 | <input type="checkbox"/> |       |            | 0.00  |       | P        |      |
| 5 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173. |
| 6 | <input type="checkbox"/> |       |            | 5.56  |       | P        | 34.7 |
| 7 | <input type="checkbox"/> |       |            | 2.22  |       | P        | 86.6 |
| 8 | <input type="checkbox"/> |       |            | 10.00 |       | P        | 88.2 |
| 9 | <input type="checkbox"/> |       |            | 13.33 |       | P        | 25.0 |

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

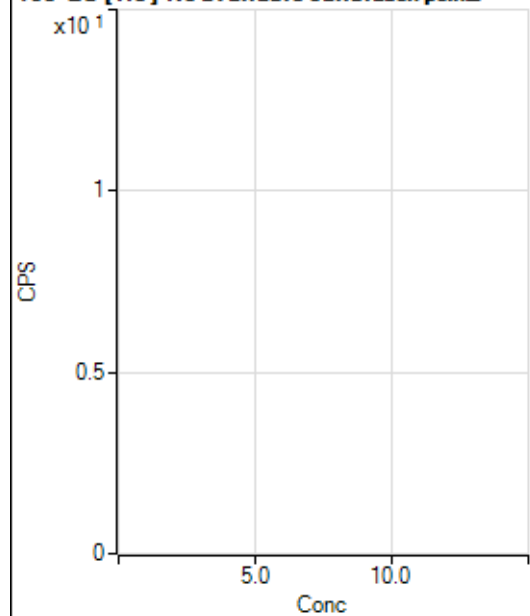
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 11.11  |       | P        | 43.3 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 13.89  |       | P        | 34.7 |
| 4 | <input type="checkbox"/> |       |            | 30.55  |       | P        | 68.6 |
| 5 | <input type="checkbox"/> |       |            | 25.00  |       | P        | 88.2 |
| 6 | <input type="checkbox"/> |       |            | 61.11  |       | P        | 43.8 |
| 7 | <input type="checkbox"/> |       |            | 97.23  |       | P        | 13.1 |
| 8 | <input type="checkbox"/> |       |            | 152.79 |       | P        | 22.0 |
| 9 | <input type="checkbox"/> |       |            | 86.12  |       | P        | 24.4 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 2.22  |       | P        | 86.6 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 0.00  |       | P        |      |
| 4 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173. |
| 5 | <input type="checkbox"/> |       |            | 8.89  |       | P        | 43.3 |
| 6 | <input type="checkbox"/> |       |            | 4.44  |       | P        | 43.4 |
| 7 | <input type="checkbox"/> |       |            | 20.00 |       | P        | 16.7 |
| 8 | <input type="checkbox"/> |       |            | 20.00 |       | P        | 28.9 |
| 9 | <input type="checkbox"/> |       |            | 16.67 |       | P        | 34.6 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 100.01 |       | P        | 14.4 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 61.11  |       | P        | 28.4 |
| 4 | <input type="checkbox"/> |       |            | 83.34  |       | P        | 26.5 |
| 5 | <input type="checkbox"/> |       |            | 88.89  |       | P        | 5.4  |
| 6 | <input type="checkbox"/> |       |            | 113.89 |       | P        | 18.4 |
| 7 | <input type="checkbox"/> |       |            | 108.34 |       | P        | 7.7  |
| 8 | <input type="checkbox"/> |       |            | 177.79 |       | P        | 17.7 |
| 9 | <input type="checkbox"/> |       |            | 83.34  |       | P        | 50.0 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 13.33 |       | P        | 43.3 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 7.78  |       | P        | 49.5 |
| 4 | <input type="checkbox"/> |       |            | 8.89  |       | P        | 57.3 |
| 5 | <input type="checkbox"/> |       |            | 14.44 |       | P        | 35.3 |
| 6 | <input type="checkbox"/> |       |            | 11.11 |       | P        | 75.5 |
| 7 | <input type="checkbox"/> |       |            | 27.78 |       | P        | 25.0 |
| 8 | <input type="checkbox"/> |       |            | 41.11 |       | P        | 16.9 |
| 9 | <input type="checkbox"/> |       |            | 27.78 |       | P        | 54.1 |

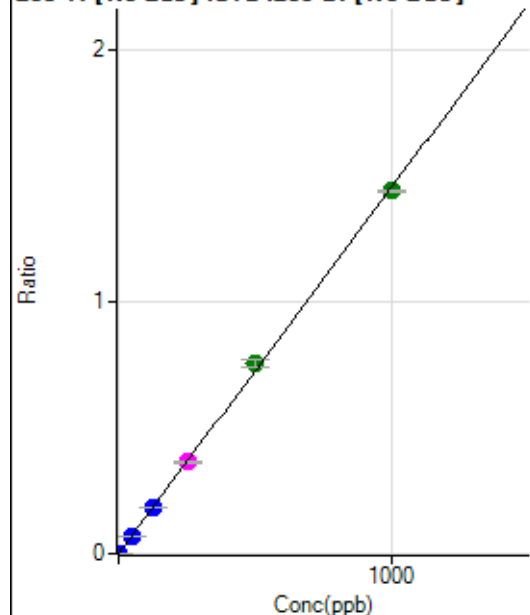
**164 Er [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 27.78 |       | P        | 96.4 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 52.78 |       | P        | 36.5 |
| 4 | <input type="checkbox"/> |       |            | 36.11 |       | P        | 13.3 |
| 5 | <input type="checkbox"/> |       |            | 44.45 |       | P        | 47.2 |
| 6 | <input type="checkbox"/> |       |            | 47.22 |       | P        | 10.2 |
| 7 | <input type="checkbox"/> |       |            | 58.34 |       | P        | 51.5 |
| 8 | <input type="checkbox"/> |       |            | 83.34 |       | P        | 10.0 |
| 9 | <input type="checkbox"/> |       |            | 58.34 |       | P        | 14.3 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 5.56  |       | P        | 34.7 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 7.78  |       | P        | 65.5 |
| 4 | <input type="checkbox"/> |       |            | 6.67  |       | P        | 86.6 |
| 5 | <input type="checkbox"/> |       |            | 5.56  |       | P        | 34.7 |
| 6 | <input type="checkbox"/> |       |            | 6.66  |       | P        | 86.6 |
| 7 | <input type="checkbox"/> |       |            | 10.00 |       | P        | 120. |
| 8 | <input type="checkbox"/> |       |            | 15.55 |       | P        | 44.6 |
| 9 | <input type="checkbox"/> |       |            | 8.89  |       | P        | 108. |

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 94.45      | 0.0000 | P        | 45.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.940      | 6149.01    | 0.0014 | P        | 4.5  |
| 4 | <input type="checkbox"/> | 50.000   | 48.991     | 324705.17  | 0.0713 | P        | 0.6  |
| 5 | <input type="checkbox"/> | 125.000  | 125.147    | 829252.26  | 0.1821 | P        | 0.5  |
| 6 | <input type="checkbox"/> | 250.000  | 249.713    | 1686273.17 | 0.3633 | M        | 0.4  |
| 7 | <input type="checkbox"/> | 500.000  | 518.751    | 3486699.69 | 0.7547 | A        | 3.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 990.728    | 6895000.85 | 1.4413 | A        | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 2075.28    | 0.0005 | P        | 3.9  |

$$y = 0.0015 * x + 2.1692E-005$$

$$R = 0.9997$$

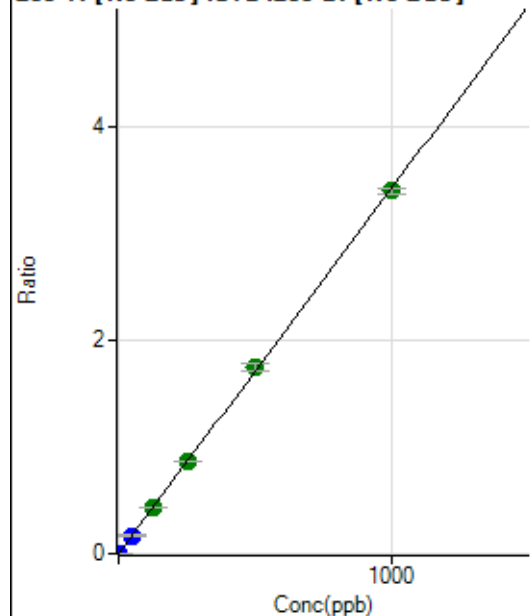
$$DL = 0.0203$$

$$BEC = 0.01491$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 236.12      | 0.0001 | P        | 26.7 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.916      | 14114.03    | 0.0032 | P        | 4.6  |
| 4 | <input type="checkbox"/> | 50.000   | 49.809     | 776950.24   | 0.1706 | P        | 1.2  |
| 5 | <input type="checkbox"/> | 125.000  | 127.654    | 1990741.56  | 0.4371 | A        | 0.2  |
| 6 | <input type="checkbox"/> | 250.000  | 252.582    | 4014063.85  | 0.8648 | A        | 0.7  |
| 7 | <input type="checkbox"/> | 500.000  | 511.359    | 8087612.16  | 1.7508 | A        | 4.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 993.353    | 16270221.72 | 3.4009 | A        | 1.3  |
| 9 | <input type="checkbox"/> |          |            | 5273.54     | 0.0012 | P        | 6.5  |

$$y = 0.0034 * x + 5.4258E-005$$

$$R = 0.9999$$

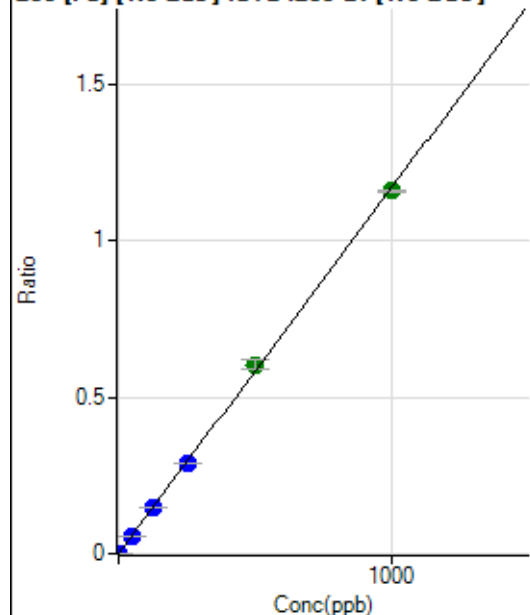
$$DL = 0.0127$$

$$BEC = 0.01585$$

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      | 472.25     | 0.0001 | P    | 11.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.089      | 6118.33    | 0.0014 | P    | 3.9  |
| 4 | <input type="checkbox"/> | 50.000   | 49.208     | 262625.80  | 0.0577 | P    | 1.5  |
| 5 | <input type="checkbox"/> | 125.000  | 124.801    | 665304.80  | 0.1461 | P    | 0.2  |
| 6 | <input type="checkbox"/> | 250.000  | 246.574    | 1339123.44 | 0.2885 | P    | 0.6  |
| 7 | <input type="checkbox"/> | 500.000  | 517.790    | 2797818.17 | 0.6057 | A    | 4.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 992.026    | 5551353.54 | 1.1604 | A    | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 10599.17   | 0.0024 | P    | 4.1  |

$$y = 0.0012 * x + 1.0842E-004$$

$$R = 0.9998$$

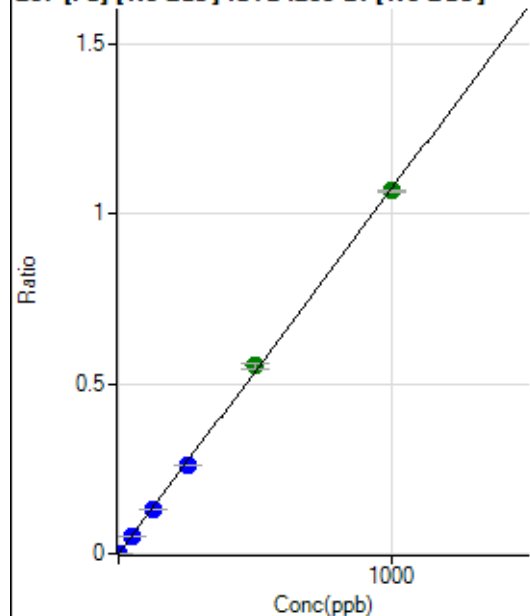
$$DL = 0.03232$$

$$BEC = 0.0927$$

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      | 401.87     | 0.0001 | P    | 14.2 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.058      | 5434.66    | 0.0012 | P    | 1.1  |
| 4 | <input type="checkbox"/> | 50.000   | 48.622     | 238071.74  | 0.0523 | P    | 1.2  |
| 5 | <input type="checkbox"/> | 125.000  | 123.258    | 602860.91  | 0.1324 | P    | 0.4  |
| 6 | <input type="checkbox"/> | 250.000  | 243.416    | 1212867.55 | 0.2613 | P    | 1.3  |
| 7 | <input type="checkbox"/> | 500.000  | 514.355    | 2550696.50 | 0.5521 | A    | 3.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 994.755    | 5107501.27 | 1.0676 | A    | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 9324.03    | 0.0021 | P    | 1.4  |

$$y = 0.0011 * x + 9.2256E-005$$

$$R = 0.9998$$

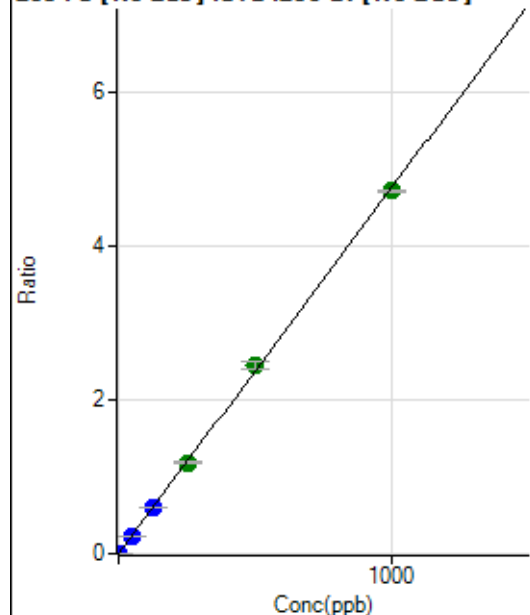
$$DL = 0.03668$$

$$BEC = 0.08597$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|-------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1811.23     | 0.0004 | P        | 6.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |          |     |
| 3 | <input type="checkbox"/> | 1.000    | 1.081      | 24561.88    | 0.0055 | P        | 1.4 |
| 4 | <input type="checkbox"/> | 50.000   | 49.327     | 1068869.57  | 0.2347 | P        | 1.3 |
| 5 | <input type="checkbox"/> | 125.000  | 124.957    | 2704755.44  | 0.5939 | P        | 0.2 |
| 6 | <input type="checkbox"/> | 250.000  | 249.492    | 5501637.58  | 1.1853 | A        | 1.1 |
| 7 | <input type="checkbox"/> | 500.000  | 516.465    | 11332404.04 | 2.4532 | A        | 4.2 |
| 8 | <input type="checkbox"/> | 1000.000 | 991.934    | 22539237.71 | 4.7114 | A        | 0.2 |
| 9 | <input type="checkbox"/> |          |            | 42518.02    | 0.0095 | P        | 1.3 |

$$y = 0.0047 * x + 4.1597E-004$$

$$R = 0.9998$$

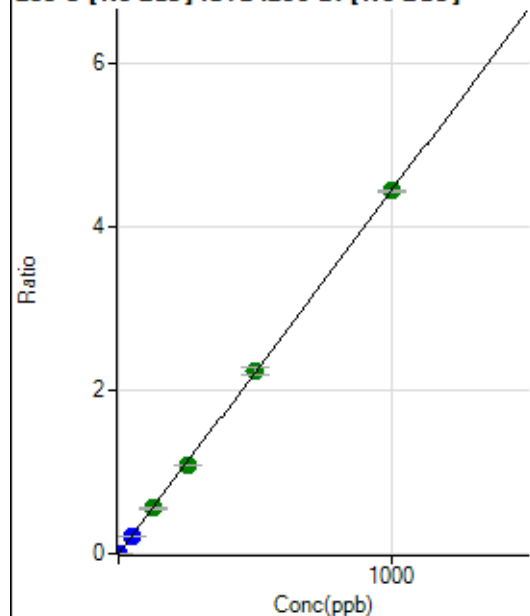
$$DL = 0.018$$

$$BEC = 0.08759$$

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      | 144.45      | 0.0000 | P        | 23.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.852      | 16912.15    | 0.0038 | P        | 2.9  |
| 4 | <input type="checkbox"/> | 50.000   | 47.855     | 969834.51   | 0.2129 | P        | 0.5  |
| 5 | <input type="checkbox"/> | 125.000  | 124.692    | 2526630.20  | 0.5548 | A        | 0.4  |
| 6 | <input type="checkbox"/> | 250.000  | 243.710    | 5032586.01  | 1.0842 | A        | 0.7  |
| 7 | <input type="checkbox"/> | 500.000  | 504.019    | 10359693.37 | 2.2423 | A        | 3.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.709    | 21276678.08 | 4.4475 | A        | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 1666.87     | 0.0004 | P        | 10.2 |

$$y = 0.0044 * x + 3.3134E-005$$

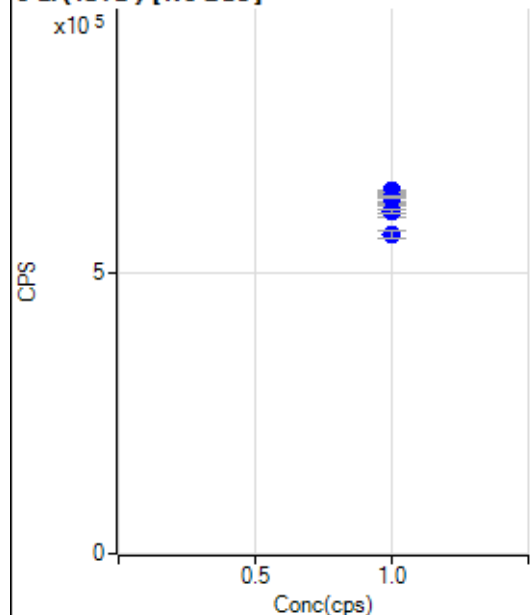
$$R = 1.0000$$

$$DL = 0.005152$$

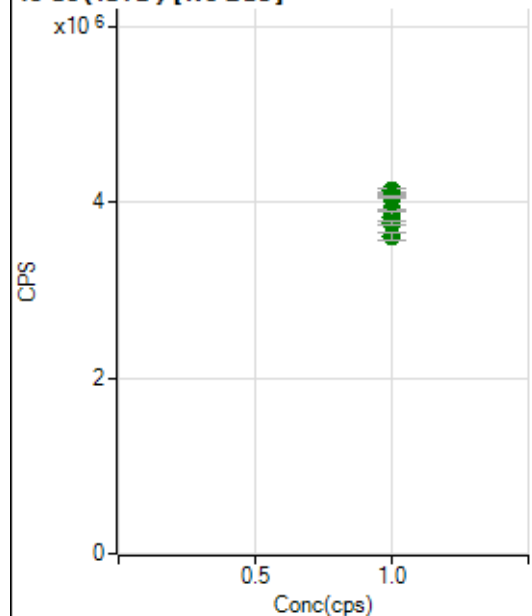
$$BEC = 0.007448$$

Weight: &lt;None&gt;

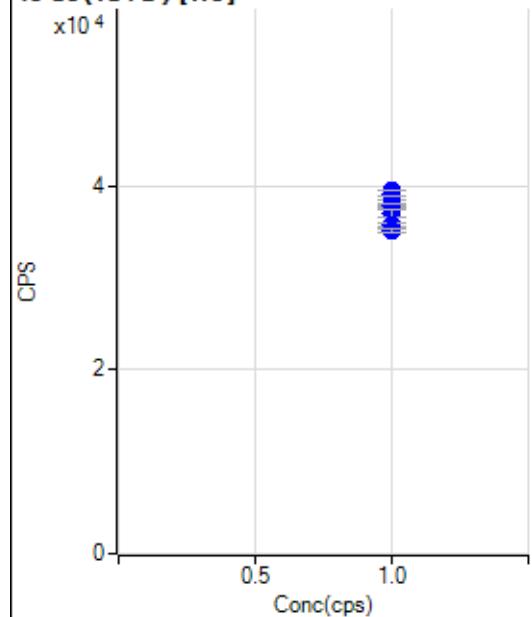
Min Conc: 0

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

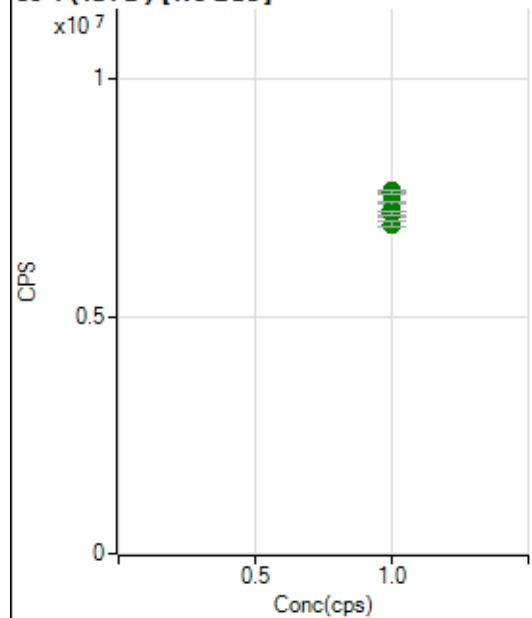
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 626188.47 |       | P        | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |           |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 646007.84 |       | P        | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 646342.02 |       | P        | 0.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 643157.21 |       | P        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 634347.40 |       | P        | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 609255.34 |       | P        | 3.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 610837.45 |       | P        | 1.0 |
| 9 | <input type="checkbox"/> | 1.000 |            | 568632.91 |       | P        | 2.1 |

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

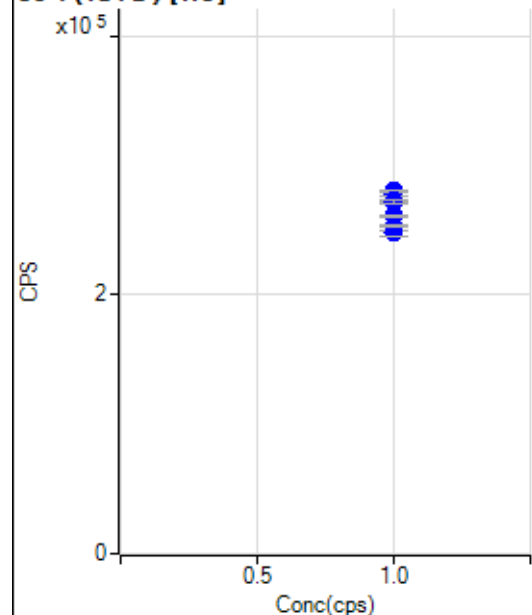
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 3915226.13 |       | A        | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 4080264.07 |       | A        | 0.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4135149.75 |       | A        | 1.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4063849.92 |       | A        | 0.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4069263.68 |       | A        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 3825995.88 |       | A        | 3.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3761627.43 |       | A        | 1.0 |
| 9 | <input type="checkbox"/> | 1.000 |            | 3625721.31 |       | A        | 2.4 |

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

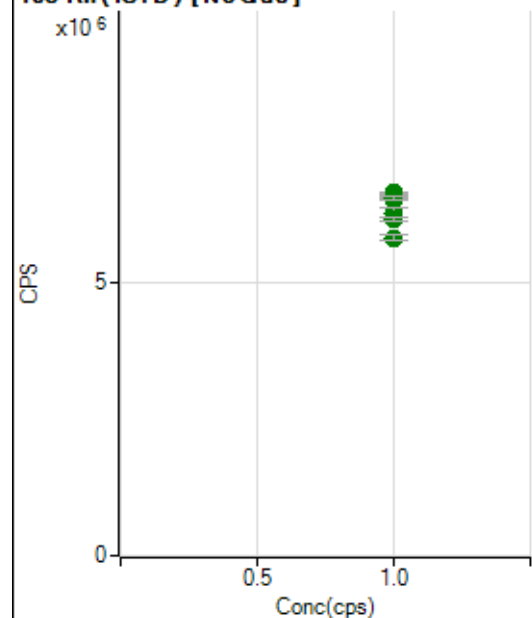
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS      | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 37777.62 |       | P        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |          |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 39100.05 |       | P        | 2.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 39501.26 |       | P        | 0.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 38147.59 |       | P        | 3.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 37817.74 |       | P        | 2.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 37075.74 |       | P        | 1.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 35715.55 |       | P        | 1.3 |
| 9 | <input type="checkbox"/> | 1.000 |            | 35188.67 |       | P        | 1.1 |

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

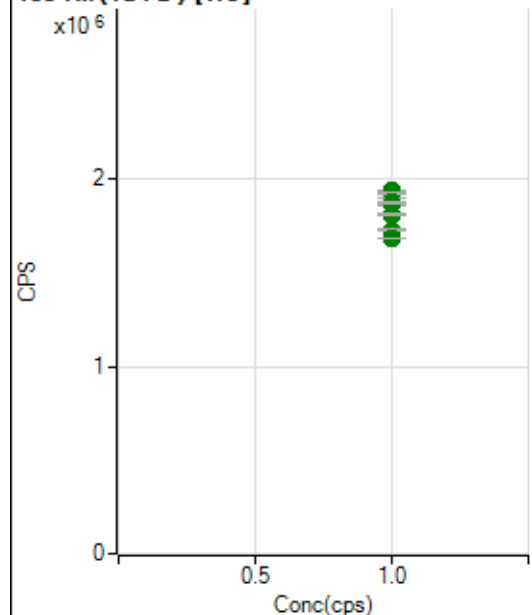
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 7402070.93 |       | A        | 0.8 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 7615002.39 |       | A        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 7644779.26 |       | A        | 0.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 7588555.17 |       | A        | 0.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 7618075.30 |       | A        | 1.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 7245127.39 |       | A        | 4.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 7177979.48 |       | A        | 0.9 |
| 9 | <input type="checkbox"/> | 1.000 |            | 6946359.62 |       | A        | 1.7 |

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

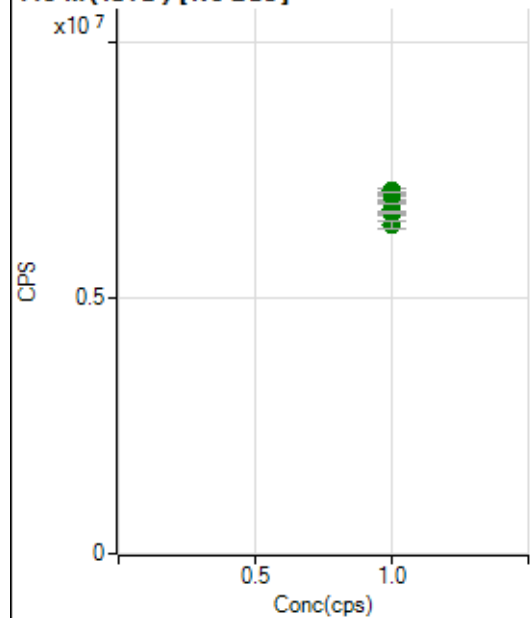
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 272272.45 |       | P        | 0.8 |
| 2 | <input type="checkbox"/> | 1.000 |            |           |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 278320.15 |       | P        | 0.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 280392.04 |       | P        | 0.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 272936.26 |       | P        | 2.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 271377.93 |       | P        | 1.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 261187.37 |       | P        | 0.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 247554.85 |       | P        | 1.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 252855.11 |       | P        | 0.7 |

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

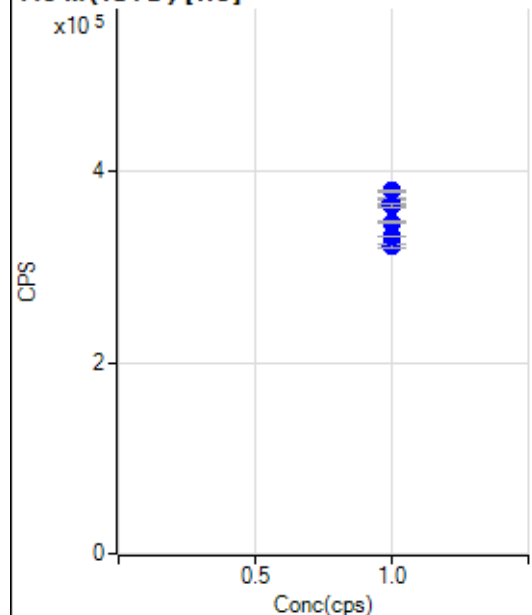
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6522265.30 |       | A        | 0.7 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 6645213.78 |       | A        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6641638.04 |       | A        | 0.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6576715.34 |       | A        | 0.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6554016.98 |       | A        | 0.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6256584.12 |       | A        | 4.0 |
| 8 | <input type="checkbox"/> | 1.000 |            | 6175611.68 |       | A        | 1.0 |
| 9 | <input type="checkbox"/> | 1.000 |            | 5825795.53 |       | A        | 2.0 |

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

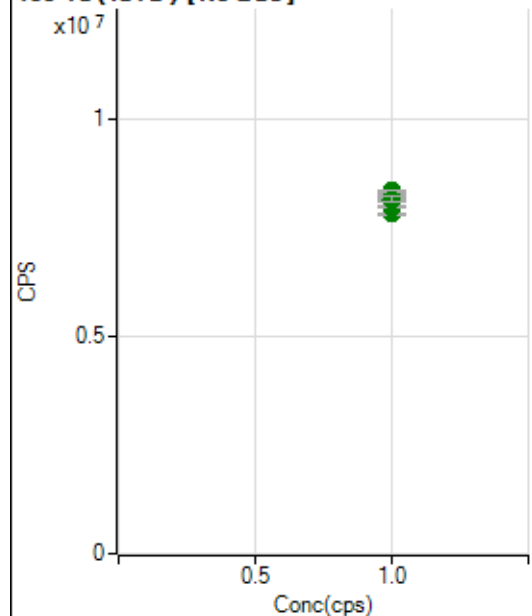
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1868855.49 |       | A        | 0.9 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1935391.85 |       | A        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1924786.12 |       | A        | 0.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1882132.63 |       | A        | 1.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1869270.70 |       | A        | 0.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1808687.01 |       | A        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1727074.61 |       | A        | 0.3 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1681503.15 |       | A        | 0.1 |

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

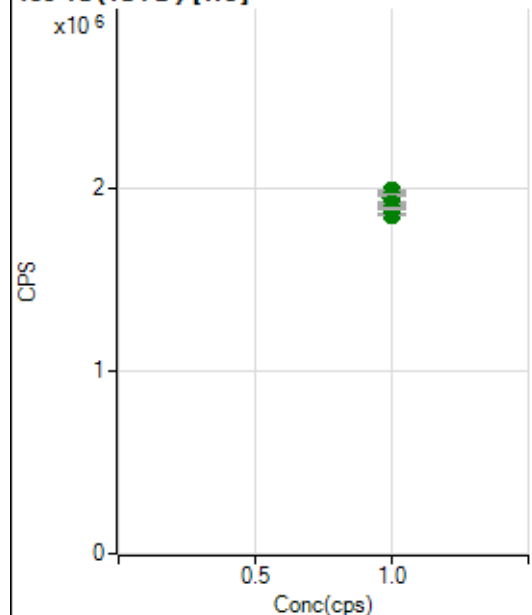
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6912379.25 |       | A        | 0.7 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 7006487.74 |       | A        | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 7103858.04 |       | A        | 1.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 7004138.72 |       | A        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 7073521.47 |       | A        | 0.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6727315.43 |       | A        | 3.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 6683352.02 |       | A        | 0.8 |
| 9 | <input type="checkbox"/> | 1.000 |            | 6446171.28 |       | A        | 2.0 |

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

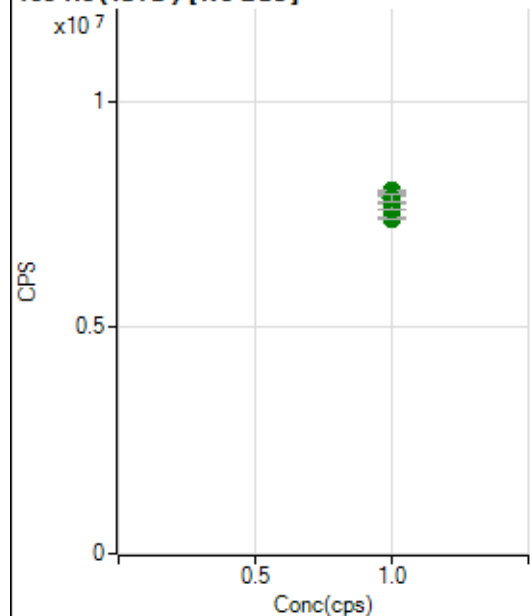
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 368987.30 |       | P        | 0.9 |
| 2 | <input type="checkbox"/> | 1.000 |            |           |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 379822.13 |       | P        | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 379557.33 |       | P        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 368427.97 |       | P        | 1.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 364522.38 |       | P        | 1.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 346822.90 |       | P        | 0.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 322403.05 |       | P        | 1.0 |
| 9 | <input type="checkbox"/> | 1.000 |            | 332066.72 |       | P        | 0.5 |

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

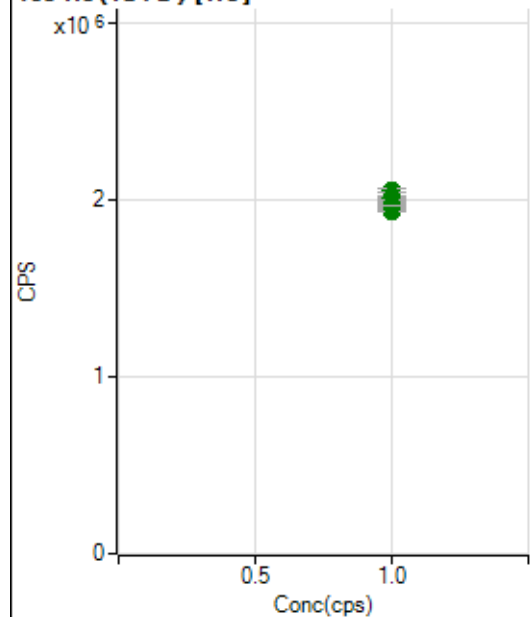
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 7823777.59 |       | A        | 0.9 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 7979298.77 |       | A        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 8136420.29 |       | A        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 8176548.01 |       | A        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 8274107.79 |       | A        | 1.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 8130180.64 |       | A        | 4.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 8353075.08 |       | A        | 0.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 8152197.93 |       | A        | 1.7 |

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

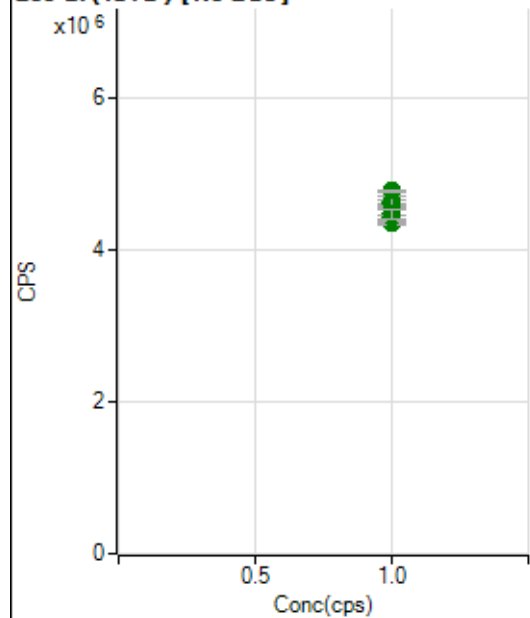
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1897174.97 |       | A        | 1.1 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1976485.62 |       | A        | 1.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1983480.77 |       | A        | 0.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1941780.80 |       | A        | 2.0 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1958080.55 |       | A        | 0.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1909157.99 |       | A        | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1855518.06 |       | A        | 0.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1887031.64 |       | A        | 0.2 |

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

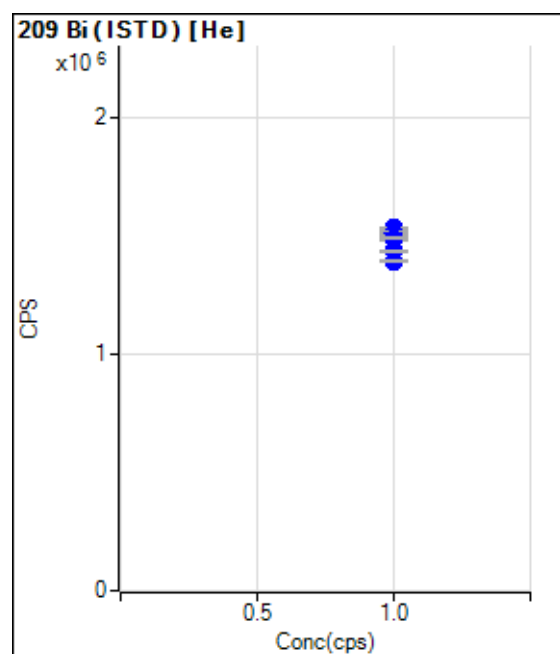
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 7416329.77 |       | A        | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 7615729.25 |       | A        | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 7759425.96 |       | A        | 1.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 7779179.25 |       | A        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 7908417.02 |       | A        | 0.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 7800669.27 |       | A        | 4.9 |
| 8 | <input type="checkbox"/> | 1.000 |            | 8021771.19 |       | A        | 0.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 7873573.18 |       | A        | 1.9 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1965621.72 |       | A        | 0.7 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 2012138.91 |       | A        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2048256.41 |       | A        | 1.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2017374.57 |       | A        | 1.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2005158.48 |       | A        | 1.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1992353.22 |       | A        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1935595.42 |       | A        | 0.7 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1964086.10 |       | A        | 0.4 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4353537.50 |       | A        | 0.9 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 4425683.69 |       | A        | 1.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4554898.44 |       | A        | 1.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4554493.82 |       | A        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4641841.56 |       | A        | 1.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4624640.94 |       | A        | 4.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4784016.28 |       | A        | 0.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 4480268.54 |       | A        | 2.6 |



|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1490427.77 |       | P        | 0.7 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1510366.45 |       | P        | 0.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1536540.78 |       | P        | 0.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1509070.95 |       | P        | 2.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1512962.39 |       | P        | 1.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1491643.47 |       | P        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1439079.60 |       | P        | 0.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1396367.11 |       | P        | 0.4 |

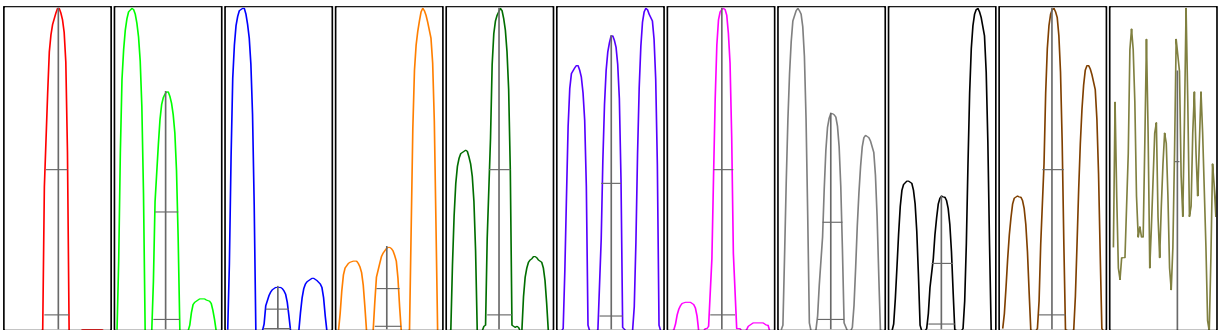
US EPA Tune Check Sample Report

Batch Folder D:\P8082217-MS.b  
Report Comment  
Instrument Name G8403A JP17141814

| [No Gas] |                 |                  |                    |                |
|----------|-----------------|------------------|--------------------|----------------|
| Mass     | Count<br>(Mean) | RSD%<br>(Actual) | RSD%<br>(Required) | RSD%<br>(Flag) |
| 9        | 6774            | 1.79             | 5.00               |                |
| 24       | 41661           | 1.59             | 5.00               |                |
| 25       | 5656            | 2.16             | 5.00               |                |
| 26       | 6790            | 2.76             | 5.00               |                |
| 59       | 89948           | 3.88             | 5.00               |                |
| 113      | 12190           | 2.80             | 5.00               |                |
| 115      | 151379          | 1.04             | 5.00               |                |
| 206      | 27348           | 0.88             | 5.00               |                |
| 207      | 24714           | 1.17             | 5.00               |                |
| 208      | 58848           | 2.02             | 5.00               |                |
| 220      | 2               | 12.70            |                    |                |

| Mass | Replicate 1<br>Count | Replicate 2<br>Count | Replicate 3<br>Count | Replicate 4<br>Count | Replicate 5<br>Count |
|------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 9    | 6739                 | 6806                 | 6903                 | 6585                 | 6839                 |
| 24   | 40949                | 42638                | 41612                | 41913                | 41190                |
| 25   | 5560                 | 5849                 | 5612                 | 5700                 | 5559                 |
| 26   | 6653                 | 7020                 | 6671                 | 6967                 | 6639                 |
| 59   | 87063                | 93562                | 87852                | 93945                | 87316                |
| 113  | 11974                | 12417                | 11947                | 12683                | 11929                |
| 115  | 151391               | 150712               | 150225               | 154086               | 150481               |
| 206  | 27218                | 27014                | 27412                | 27455                | 27643                |
| 207  | 24589                | 24396                | 24967                | 24549                | 25067                |
| 208  | 58604                | 57584                | 59834                | 57903                | 60316                |
| 220  | 2                    | 2                    | 2                    | 1                    | 1                    |

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    | 10892          | 9.05             | 8.9 - 9.1          |                | 0.740                | 0.900                  |                        |
| 24   | 68363          | 23.95            | 23.9 - 24.1        |                | 0.782                | 0.900                  |                        |
| 25   | 9262           | 25.00            | 24.9 - 25.1        |                | 0.777                | 0.900                  |                        |
| 26   | 11055          | 25.95            | 25.9 - 26.1        |                | 0.784                | 0.900                  |                        |
| 59   | 151712         | 59.00            | 58.9 - 59.1        |                | 0.740                | 0.900                  |                        |
| 113  | 22459          | 113.05           | 112.9 - 113.1      |                | 0.689                | 0.900                  |                        |
| 115  | 276550         | 115.05           | 114.9 - 115.1      |                | 0.732                | 0.900                  |                        |
| 206  | 49624          | 206.00           | 205.9 - 206.1      |                | 0.762                | 0.900                  |                        |
| 207  | 44410          | 207.00           | 206.9 - 207.1      |                | 0.777                | 0.900                  |                        |
| 208  | 106662         | 208.00           | 207.9 - 208.1      |                | 0.766                | 0.900                  |                        |
| 220  | 2              | 220.40           | -                  |                |                      |                        |                        |

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 |
|---------------|-------|------|------------------|-------|-------|---------------|-------|------|
| Plasma Mode   |       | HMI  | Aerosol Dilution |       | HMI-8 |               |       |      |

## Lenses Parameters ##

| ParameterName | Value  | Unit | ParameterName | Value | Unit | ParameterName | Value | Unit |
|---------------|--------|------|---------------|-------|------|---------------|-------|------|
| Extract 1     | 0.0    | V    | Omega Lens    | 6.8   | V    | Deflect       | 13.4  | V    |
| Extract 2     | -250.0 | V    | Cell Entrance | -30   | V    | Plate Bias    | -35   | V    |
| Omega Bias    | -115   | 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       | 200   | V    |                       |       |      |

[He]

| Mass | Count<br>(Mean) | RSD%<br>(Actual) | RSD%<br>(Required) |
|------|-----------------|------------------|--------------------|
| 59   | 12300           | 2.72             |                    |
| 89   | 3574            | 3.04             |                    |
| 205  | 16681           | 2.18             |                    |

| Mass | Replicate 1<br>Count | Replicate 2<br>Count | Replicate 3<br>Count | Replicate 4<br>Count | Replicate 5<br>Count |
|------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 59   | 11706                | 12441                | 12468                | 12496                | 12388                |
| 89   | 3383                 | 3620                 | 3605                 | 3658                 | 3602                 |
| 205  | 16040                | 16886                | 16910                | 16757                | 16809                |

Integration Time [sec] = 0.1

Tune Parameters

## Plasma Paramters ##

| ParameterName | Value | Unit | ParameterName    | Value | Unit  | ParameterName | Value | Unit |
|---------------|-------|------|------------------|-------|-------|---------------|-------|------|
| Plasma Mode   |       | HMI  | Aerosol Dilution |       | HMI-8 |               |       |      |

## Lenses Parameters ##

| ParameterName | Value  | Unit | ParameterName | Value | Unit | ParameterName | Value | Unit |
|---------------|--------|------|---------------|-------|------|---------------|-------|------|
| Extract 1     | 0.0    | V    | Omega Lens    | 6.8   | V    | Deflect       | 1.8   | V    |
| Extract 2     | -250.0 | V    | Cell Entrance | -40   | V    | Plate Bias    | -60   | V    |
| Omega Bias    | -115   | 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       | 5.0   | mL/min | OctP RF       | 200   | V    |                       |       |      |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 12:01:52 | DataFile Name :   | 002CALB.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -1.48   | 0.75    | 0.73    | 0.00       | N/A     | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Arsenic    | 75-2  | 0.04    | -0.02   | -0.02   | 0.00       | N/A     | ppb   |
| Barium     | 135-1 | -0.01   | 0.01    | -0.01   | 0.00       | N/A     | ppb   |
| Barium     | 137-1 | 0.00    | -0.01   | 0.01    | 0.00       | N/A     | ppb   |
| Beryllium  | 9-1   | 0.01    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Bismuth    | 209-2 |         |         |         | 100        |         | %     |
| Boron      | 10-1  | 0.16    | -0.05   | -0.11   | 0.00       | N/A     | ppb   |
| Boron      | 11-1  | 0.07    | -0.08   | 0.00    | 0.00       | N/A     | ppb   |
| Cadmium    | 111-1 | -0.01   | -0.01   | 0.02    | 0.00       | N/A     | ppb   |
| Cadmium    | 106-1 | -0.12   | -0.15   | 0.27    | 0.00       | N/A     | ppb   |
| Cadmium    | 108-1 | 0.01    | -0.05   | 0.04    | 0.00       | N/A     | ppb   |
| Calcium    | 43-1  | 8.10    | -3.08   | -5.03   | 0.00       | N/A     | ppb   |
| Calcium    | 44-1  | 0.60    | 4.41    | -5.01   | 0.00       | N/A     | ppb   |
| Chromium   | 52-2  | 0.01    | 0.02    | -0.04   | 0.00       | N/A     | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Copper     | 63-2  | 0.01    | 0.01    | -0.03   | 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  | 0.05    | 0.02    | -0.07   | 0.00       | N/A     | ppb   |
| Iron       | 57-2  | 0.01    | -0.94   | 0.93    | 0.00       | N/A     | ppb   |
| Lead       | 206-1 | 0.01    | -0.01   | 0.01    | 0.00       | N/A     | ppb   |
| Lead       | 207-1 | 0.01    | -0.01   | 0.01    | 0.00       | N/A     | ppb   |
| Lead       | 208-1 | 0.01    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |
| Lithium    | 6-1   |         |         |         | 100        |         | %     |
| Magnesium  | 24-2  | 0.16    | 0.39    | -0.56   | 0.00       | N/A     | ppb   |
| Manganese  | 55-2  | 0.02    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 12:01:52 | DataFile Name :   | 002CALB.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | 0.00    | 0.01    | 0.00       | N/A     | ppb   |
| Molybdenum | 95-1  | -0.01   | 0.00    | 0.01    | 0.00       | N/A     | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 97-1  | -0.01   | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 98-1  | -0.01   | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.01    | -0.02   | 0.00    | 0.00       | N/A     | ppb   |
| Phosphorus | 31-2  | -12.19  | 2.70    | 17.45   | 2.66       | 558.24  | ppb   |
| Potassium  | 39-2  | -2.07   | 9.19    | -7.12   | 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  | -0.38   | 0.20    | 0.18    | 0.00       | N/A     | ppb   |
| Selenium   | 82-1  | -0.30   | 0.21    | 0.10    | 0.00       | N/A     | ppb   |
| Silicon    | 28-1  | 1.19    | 0.35    | -1.54   | 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  | -0.10   | -0.31   | 0.41    | 0.00       | N/A     | ppb   |
| Strontium  | 86-1  | 0.03    | -0.02   | -0.01   | 0.00       | N/A     | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Sulfur     | 34-1  | 153.69  | 209.96  | 136.05  | 166.57     | 23.18   | ppb   |
| Terbium    | 159-1 |         |         |         | 100        |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 0.01    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Tin        | 118-1 | -0.01   | -0.01   | 0.02    | 0.00       | N/A     | ppb   |
| Titanium   | 47-1  | -0.01   | -0.02   | 0.03    | 0.00       | N/A     | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Vanadium   | 51-2  | 0.00    | -0.01   | 0.01    | 0.00       | N/A     | ppb   |
| Yttrium    | 89-1  |         |         |         | 100        |         | %     |
| Yttrium    | 89-2  |         |         |         | 100        |         | %     |
| Zinc       | 66-2  | -0.15   | 0.12    | 0.02    | 0.00       | N/A     | ppb   |
| Zirconium  | 90-1  | 0.00    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 12:01:52 | DataFile Name :   | 002CALB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 12:12:07 | DataFile Name :   | 005CALS.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 14.75   | 21.41   | 17.10   | 17.76      | 19.01   | ppb   |
| Antimony   | 121-1 | 1.85    | 1.77    | 1.86    | 1.83       | 2.86    | ppb   |
| Arsenic    | 75-2  | 1.04    | 0.81    | 0.86    | 0.90       | 13.16   | ppb   |
| Barium     | 135-1 | 9.10    | 9.14    | 9.07    | 9.10       | 0.35    | ppb   |
| Barium     | 137-1 | 9.24    | 9.22    | 9.03    | 9.16       | 1.27    | ppb   |
| Beryllium  | 9-1   | 0.97    | 0.87    | 0.98    | 0.94       | 6.82    | ppb   |
| Bismuth    | 209-1 |         |         |         | 102        |         | %     |
| Bismuth    | 209-2 |         |         |         | 101        |         | %     |
| Boron      | 10-1  | 19.28   | 20.63   | 22.48   | 20.80      | 7.72    | ppb   |
| Boron      | 11-1  | 20.18   | 20.38   | 21.47   | 20.67      | 3.35    | ppb   |
| Cadmium    | 111-1 | 0.98    | 0.87    | 0.79    | 0.88       | 11.23   | ppb   |
| Cadmium    | 106-1 | 1.08    | -0.17   | -0.41   | 0.16       | 484.81  | ppb   |
| Cadmium    | 108-1 | 0.99    | 0.87    | 1.07    | 0.97       | 10.53   | ppb   |
| Calcium    | 43-1  | 414.16  | 430.32  | 425.07  | 423.19     | 1.95    | ppb   |
| Calcium    | 44-1  | 427.99  | 422.94  | 423.66  | 424.87     | 0.64    | ppb   |
| Chromium   | 52-2  | 1.93    | 1.75    | 1.84    | 1.84       | 4.84    | ppb   |
| Cobalt     | 59-2  | 0.93    | 0.80    | 0.99    | 0.91       | 10.68   | ppb   |
| Copper     | 63-2  | 2.14    | 2.18    | 2.27    | 2.20       | 2.90    | 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 |         |         |         | 102        |         | %     |
| Indium     | 115-1 |         |         |         | 101        |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Iron       | 56-2  | 46.48   | 44.56   | 46.06   | 45.70      | 2.20    | ppb   |
| Iron       | 57-2  | 50.23   | 44.10   | 45.74   | 46.69      | 6.80    | ppb   |
| Lead       | 206-1 | 1.14    | 1.06    | 1.07    | 1.09       | 4.25    | ppb   |
| Lead       | 207-1 | 1.07    | 1.06    | 1.05    | 1.06       | 1.24    | ppb   |
| Lead       | 208-1 | 1.10    | 1.06    | 1.08    | 1.08       | 1.54    | ppb   |
| Lithium    | 6-1   |         |         |         | 103        |         | %     |
| Magnesium  | 24-2  | 437.93  | 422.30  | 429.74  | 429.99     | 1.82    | ppb   |
| Manganese  | 55-2  | 0.93    | 1.06    | 1.04    | 1.01       | 6.80    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 12:12:07 | DataFile Name :   | 005CALS.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 1.86    | 1.83    | 1.82    | 1.84       | 1.29    | ppb   |
| Molybdenum | 95-1  | 4.12    | 4.15    | 4.24    | 4.17       | 1.46    | ppb   |
| Molybdenum | 96-1  | 3.62    | 3.70    | 3.63    | 3.65       | 1.16    | ppb   |
| Molybdenum | 97-1  | 4.26    | 4.26    | 4.18    | 4.23       | 1.12    | ppb   |
| Molybdenum | 98-1  | 4.25    | 4.39    | 4.18    | 4.28       | 2.48    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.85    | 0.98    | 0.97    | 0.93       | 7.29    | ppb   |
| Phosphorus | 31-2  | -12.19  | 1.79    | 2.44    | -2.66      |         | ppb   |
| Potassium  | 39-2  | 451.66  | 438.09  | 479.83  | 456.52     | 4.66    | ppb   |
| Rhodium    | 103-1 |         |         |         | 102        |         | %     |
| Rhodium    | 103-2 |         |         |         | 104        |         | %     |
| Scandium   | 45-1  |         |         |         | 104        |         | %     |
| Scandium   | 45-2  |         |         |         | 103        |         | %     |
| Selenium   | 77-2  | 3.15    | 9.45    | 3.19    | 5.26       | 68.90   | ppb   |
| Selenium   | 78-2  | 8.77    | 6.61    | 2.35    | 5.91       | 55.27   | ppb   |
| Selenium   | 82-1  | 4.11    | 4.72    | 4.11    | 4.31       | 8.17    | ppb   |
| Silicon    | 28-1  | 4.31    | 3.43    | 2.52    | 3.42       | 26.25   | ppb   |
| Silver     | 109-1 | 1.33    | 1.24    | 1.31    | 1.29       | 3.44    | ppb   |
| Silver     | 107-1 | 1.33    | 1.26    | 1.31    | 1.30       | 2.88    | ppb   |
| Sodium     | 23-2  | 448.06  | 419.56  | 436.04  | 434.55     | 3.29    | ppb   |
| Strontium  | 86-1  | 0.90    | 0.86    | 0.81    | 0.86       | 4.87    | ppb   |
| Strontium  | 88-1  | 0.90    | 0.93    | 0.91    | 0.91       | 1.94    | ppb   |
| Sulfur     | 34-1  | -23.48  | -149.79 | -326.43 | -166.57    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 102        |         | %     |
| Terbium    | 159-2 |         |         |         | 104        |         | %     |
| Thallium   | 203-1 | 0.99    | 0.90    | 0.93    | 0.94       | 4.53    | ppb   |
| Thallium   | 205-1 | 0.88    | 0.91    | 0.96    | 0.92       | 4.64    | ppb   |
| Tin        | 118-1 | 4.65    | 4.50    | 4.61    | 4.59       | 1.73    | ppb   |
| Titanium   | 47-1  | 4.39    | 4.18    | 4.31    | 4.29       | 2.44    | ppb   |
| Uranium    | 238-1 | 0.87    | 0.82    | 0.86    | 0.85       | 2.93    | ppb   |
| Vanadium   | 51-2  | 4.73    | 4.50    | 4.44    | 4.56       | 3.31    | ppb   |
| Yttrium    | 89-1  |         |         |         | 103        |         | %     |
| Yttrium    | 89-2  |         |         |         | 102        |         | %     |
| Zinc       | 66-2  | 1.87    | 1.86    | 1.95    | 1.89       | 2.43    | ppb   |
| Zirconium  | 90-1  | 0.83    | 0.81    | 0.83    | 0.82       | 1.09    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 12:12:07 | DataFile Name :   | 005CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.82    | 0.81    | 0.75    | 0.79       | 4.58    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89660             | Operator :        | Jaswal     |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S03                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-22 12:15:37 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 994.91  | 1004.96 | 968.85  | 989.57     | 1.88    | ppb   |
| Antimony   | 121-1 | 51.72   | 51.88   | 51.55   | 51.72      | 0.31    | ppb   |
| Arsenic    | 75-2  | 49.27   | 48.47   | 48.95   | 48.90      | 0.82    | ppb   |
| Barium     | 135-1 | 256.30  | 256.85  | 258.84  | 257.33     | 0.52    | ppb   |
| Barium     | 137-1 | 254.64  | 256.92  | 259.59  | 257.05     | 0.96    | ppb   |
| Beryllium  | 9-1   | 50.12   | 50.31   | 50.79   | 50.41      | 0.68    | ppb   |
| Bismuth    | 209-1 |         |         |         | 105        |         | %     |
| Bismuth    | 209-2 |         |         |         | 103        |         | %     |
| Boron      | 10-1  | 48.83   | 45.05   | 48.19   | 47.36      | 4.27    | ppb   |
| Boron      | 11-1  | 47.74   | 47.27   | 49.94   | 48.32      | 2.95    | ppb   |
| Cadmium    | 111-1 | 51.91   | 53.22   | 53.07   | 52.73      | 1.36    | ppb   |
| Cadmium    | 106-1 | 53.68   | 53.13   | 52.58   | 53.13      | 1.03    | ppb   |
| Cadmium    | 108-1 | 53.94   | 55.44   | 53.54   | 54.31      | 1.84    | ppb   |
| Calcium    | 43-1  | 4779.61 | 4829.87 | 4835.38 | 4814.95    | 0.64    | ppb   |
| Calcium    | 44-1  | 4912.46 | 4919.87 | 4996.10 | 4942.81    | 0.94    | ppb   |
| Chromium   | 52-2  | 50.35   | 51.05   | 50.60   | 50.67      | 0.71    | ppb   |
| Cobalt     | 59-2  | 50.84   | 49.86   | 50.37   | 50.35      | 0.97    | ppb   |
| Copper     | 63-2  | 102.50  | 101.13  | 101.66  | 101.76     | 0.68    | 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 |         |         |         | 103        |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Iron       | 56-2  | 2628.05 | 2604.23 | 2610.18 | 2614.15    | 0.47    | ppb   |
| Iron       | 57-2  | 2618.39 | 2571.28 | 2600.13 | 2596.60    | 0.91    | ppb   |
| Lead       | 206-1 | 48.49   | 49.15   | 49.98   | 49.21      | 1.51    | ppb   |
| Lead       | 207-1 | 48.21   | 48.37   | 49.28   | 48.62      | 1.19    | ppb   |
| Lead       | 208-1 | 48.87   | 49.06   | 50.05   | 49.33      | 1.29    | ppb   |
| Lithium    | 6-1   |         |         |         | 103        |         | %     |
| Magnesium  | 24-2  | 4910.80 | 4933.03 | 4903.55 | 4915.79    | 0.31    | ppb   |
| Manganese  | 55-2  | 104.04  | 101.63  | 103.83  | 103.17     | 1.29    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89660             | Operator :        | Jaswal     |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S03                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-22 12:15:37 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 48.62   | 48.99   | 48.38   | 48.66      | 0.63    | ppb   |
| Molybdenum | 95-1  | 47.75   | 48.05   | 48.39   | 48.06      | 0.67    | ppb   |
| Molybdenum | 96-1  | 48.29   | 48.47   | 48.95   | 48.57      | 0.71    | ppb   |
| Molybdenum | 97-1  | 48.38   | 48.77   | 48.20   | 48.45      | 0.61    | ppb   |
| Molybdenum | 98-1  | 48.20   | 48.97   | 48.85   | 48.67      | 0.85    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 51.32   | 51.53   | 50.85   | 51.23      | 0.68    | ppb   |
| Phosphorus | 31-2  | 1125.39 | 868.91  | 956.38  | 983.56     | 13.26   | ppb   |
| Potassium  | 39-2  | 2586.50 | 2576.88 | 2624.87 | 2596.08    | 0.98    | ppb   |
| Rhodium    | 103-1 |         |         |         | 102        |         | %     |
| Rhodium    | 103-2 |         |         |         | 103        |         | %     |
| Scandium   | 45-1  |         |         |         | 106        |         | %     |
| Scandium   | 45-2  |         |         |         | 105        |         | %     |
| Selenium   | 77-2  | 65.75   | 62.73   | 69.49   | 65.99      | 5.13    | ppb   |
| Selenium   | 78-2  | 49.96   | 50.59   | 54.73   | 51.76      | 5.01    | ppb   |
| Selenium   | 82-1  | 51.50   | 51.53   | 50.34   | 51.12      | 1.33    | ppb   |
| Silicon    | 28-1  | 55.78   | 56.21   | 58.35   | 56.78      | 2.42    | ppb   |
| Silver     | 109-1 | 53.87   | 54.09   | 53.71   | 53.89      | 0.35    | ppb   |
| Silver     | 107-1 | 53.88   | 54.20   | 53.98   | 54.02      | 0.30    | ppb   |
| Sodium     | 23-2  | 4955.34 | 4883.05 | 4910.10 | 4916.16    | 0.74    | ppb   |
| Strontium  | 86-1  | 48.95   | 48.12   | 49.37   | 48.82      | 1.30    | ppb   |
| Strontium  | 88-1  | 50.13   | 50.07   | 50.03   | 50.08      | 0.10    | ppb   |
| Sulfur     | 34-1  | 731.65  | 684.07  | 973.81  | 796.51     | 19.51   | ppb   |
| Terbium    | 159-1 |         |         |         | 104        |         | %     |
| Terbium    | 159-2 |         |         |         | 105        |         | %     |
| Thallium   | 203-1 | 48.74   | 48.92   | 49.31   | 48.99      | 0.60    | ppb   |
| Thallium   | 205-1 | 49.11   | 50.02   | 50.30   | 49.81      | 1.25    | ppb   |
| Tin        | 118-1 | 51.67   | 52.10   | 51.87   | 51.88      | 0.41    | ppb   |
| Titanium   | 47-1  | 49.43   | 49.43   | 50.15   | 49.67      | 0.84    | ppb   |
| Uranium    | 238-1 | 47.69   | 47.74   | 48.13   | 47.86      | 0.50    | ppb   |
| Vanadium   | 51-2  | 49.90   | 49.41   | 51.09   | 50.13      | 1.72    | ppb   |
| Yttrium    | 89-1  |         |         |         | 103        |         | %     |
| Yttrium    | 89-2  |         |         |         | 103        |         | %     |
| Zinc       | 66-2  | 104.91  | 101.04  | 102.90  | 102.95     | 1.88    | ppb   |
| Zirconium  | 90-1  | 49.36   | 48.70   | 49.52   | 49.19      | 0.88    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S03                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 12:15:37 | DataFile Name :   | 006CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 47.15   | 47.94   | 48.48   | 47.85      | 1.40    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89660             | Operator :        | Jaswal     |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S04                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-22 12:19:06 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 2462.24  | 2489.32  | 2372.11  | 2441.22    | 2.51    | ppb   |
| Antimony   | 121-1 | 131.02   | 129.36   | 129.98   | 130.12     | 0.64    | ppb   |
| Arsenic    | 75-2  | 130.46   | 131.63   | 124.04   | 128.71     | 3.18    | ppb   |
| Barium     | 135-1 | 649.01   | 637.82   | 648.61   | 645.15     | 0.98    | ppb   |
| Barium     | 137-1 | 651.46   | 652.19   | 649.99   | 651.21     | 0.17    | ppb   |
| Beryllium  | 9-1   | 126.87   | 126.60   | 126.19   | 126.55     | 0.27    | ppb   |
| Bismuth    | 209-1 |          |          |          | 105        |         | %     |
| Bismuth    | 209-2 |          |          |          | 101        |         | %     |
| Boron      | 10-1  | 118.55   | 125.80   | 121.12   | 121.82     | 3.02    | ppb   |
| Boron      | 11-1  | 122.68   | 124.23   | 120.77   | 122.56     | 1.41    | ppb   |
| Cadmium    | 111-1 | 131.69   | 130.29   | 131.99   | 131.32     | 0.69    | ppb   |
| Cadmium    | 106-1 | 136.57   | 133.86   | 135.19   | 135.21     | 1.00    | ppb   |
| Cadmium    | 108-1 | 132.96   | 136.60   | 132.85   | 134.14     | 1.59    | ppb   |
| Calcium    | 43-1  | 12229.11 | 12428.61 | 12275.21 | 12310.97   | 0.85    | ppb   |
| Calcium    | 44-1  | 12255.46 | 12354.60 | 12350.69 | 12320.25   | 0.46    | ppb   |
| Chromium   | 52-2  | 131.90   | 137.46   | 127.63   | 132.33     | 3.72    | ppb   |
| Cobalt     | 59-2  | 129.84   | 135.08   | 125.56   | 130.16     | 3.66    | ppb   |
| Copper     | 63-2  | 262.25   | 274.70   | 254.31   | 263.76     | 3.90    | 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 |          |          |          | 101        |         | %     |
| Indium     | 115-2 |          |          |          | 100        |         | %     |
| Iron       | 56-2  | 6704.90  | 6923.47  | 6439.22  | 6689.19    | 3.63    | ppb   |
| Iron       | 57-2  | 6757.51  | 6895.47  | 6467.89  | 6706.96    | 3.25    | ppb   |
| Lead       | 206-1 | 124.49   | 124.94   | 124.97   | 124.80     | 0.22    | ppb   |
| Lead       | 207-1 | 123.50   | 122.63   | 123.64   | 123.26     | 0.44    | ppb   |
| Lead       | 208-1 | 125.15   | 124.77   | 124.96   | 124.96     | 0.15    | ppb   |
| Lithium    | 6-1   |          |          |          | 103        |         | %     |
| Magnesium  | 24-2  | 12587.45 | 13235.91 | 12168.03 | 12663.80   | 4.25    | ppb   |
| Manganese  | 55-2  | 267.51   | 279.22   | 258.81   | 268.51     | 3.81    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89660             | Operator :        | Jaswal     |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S04                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-22 12:19:06 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 123.68   | 124.51   | 123.73   | 123.98     | 0.37    | ppb   |
| Molybdenum | 95-1  | 122.73   | 123.86   | 121.77   | 122.79     | 0.85    | ppb   |
| Molybdenum | 96-1  | 122.42   | 124.42   | 122.89   | 123.24     | 0.85    | ppb   |
| Molybdenum | 97-1  | 122.75   | 123.93   | 125.59   | 124.09     | 1.15    | ppb   |
| Molybdenum | 98-1  | 123.09   | 123.32   | 123.44   | 123.28     | 0.14    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 132.10   | 139.19   | 127.00   | 132.76     | 4.61    | ppb   |
| Phosphorus | 31-2  | 2373.08  | 2763.06  | 2412.60  | 2516.25    | 8.53    | ppb   |
| Potassium  | 39-2  | 6739.42  | 6986.01  | 6494.24  | 6739.89    | 3.65    | ppb   |
| Rhodium    | 103-1 |          |          |          | 101        |         | %     |
| Rhodium    | 103-2 |          |          |          | 101        |         | %     |
| Scandium   | 45-1  |          |          |          | 104        |         | %     |
| Scandium   | 45-2  |          |          |          | 101        |         | %     |
| Selenium   | 77-2  | 84.09    | 158.40   | 163.93   | 135.47     | 32.91   | ppb   |
| Selenium   | 78-2  | 124.71   | 145.36   | 128.00   | 132.69     | 8.36    | ppb   |
| Selenium   | 82-1  | 127.56   | 130.47   | 128.86   | 128.96     | 1.13    | ppb   |
| Silicon    | 28-1  | 121.33   | 122.82   | 125.99   | 123.38     | 1.93    | ppb   |
| Silver     | 109-1 | 134.32   | 132.48   | 133.90   | 133.57     | 0.72    | ppb   |
| Silver     | 107-1 | 134.52   | 133.15   | 134.62   | 134.10     | 0.61    | ppb   |
| Sodium     | 23-2  | 12884.95 | 13479.71 | 12620.81 | 12995.16   | 3.39    | ppb   |
| Strontium  | 86-1  | 125.08   | 124.99   | 124.95   | 125.01     | 0.06    | ppb   |
| Strontium  | 88-1  | 126.87   | 128.59   | 126.84   | 127.43     | 0.79    | ppb   |
| Sulfur     | 34-1  | 2538.08  | 2682.26  | 2663.94  | 2628.09    | 2.99    | ppb   |
| Terbium    | 159-1 |          |          |          | 105        |         | %     |
| Terbium    | 159-2 |          |          |          | 102        |         | %     |
| Thallium   | 203-1 | 125.28   | 125.66   | 124.49   | 125.15     | 0.48    | ppb   |
| Thallium   | 205-1 | 127.45   | 128.01   | 127.51   | 127.65     | 0.24    | ppb   |
| Tin        | 118-1 | 130.04   | 128.70   | 130.45   | 129.73     | 0.70    | ppb   |
| Titanium   | 47-1  | 123.67   | 124.87   | 126.98   | 125.17     | 1.34    | ppb   |
| Uranium    | 238-1 | 124.05   | 125.09   | 124.93   | 124.69     | 0.45    | ppb   |
| Vanadium   | 51-2  | 127.57   | 136.69   | 125.46   | 129.91     | 4.60    | ppb   |
| Yttrium    | 89-1  |          |          |          | 103        |         | %     |
| Yttrium    | 89-2  |          |          |          | 100        |         | %     |
| Zinc       | 66-2  | 266.13   | 282.60   | 256.40   | 268.38     | 4.93    | ppb   |
| Zirconium  | 90-1  | 126.61   | 127.54   | 124.93   | 126.36     | 1.05    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S04                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 12:19:06 | DataFile Name :   | 007CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 122.15  | 122.06  | 122.73  | 122.32     | 0.30    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89660             | Operator :        | Jaswal     |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S05                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-22 12:22:30 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 4933.47  | 4712.91  | 4835.39  | 4827.26    | 2.29    | ppb   |
| Antimony   | 121-1 | 263.65   | 258.43   | 260.61   | 260.90     | 1.00    | ppb   |
| Arsenic    | 75-2  | 251.52   | 246.22   | 249.89   | 249.21     | 1.09    | ppb   |
| Barium     | 135-1 | 1292.61  | 1277.23  | 1287.13  | 1285.66    | 0.61    | ppb   |
| Barium     | 137-1 | 1291.51  | 1267.68  | 1290.20  | 1283.13    | 1.04    | ppb   |
| Beryllium  | 9-1   | 252.48   | 251.47   | 249.59   | 251.18     | 0.58    | ppb   |
| Bismuth    | 209-1 |          |          |          | 107        |         | %     |
| Bismuth    | 209-2 |          |          |          | 102        |         | %     |
| Boron      | 10-1  | 243.61   | 242.82   | 241.86   | 242.77     | 0.36    | ppb   |
| Boron      | 11-1  | 243.67   | 246.29   | 246.51   | 245.49     | 0.64    | ppb   |
| Cadmium    | 111-1 | 260.48   | 254.17   | 258.14   | 257.59     | 1.24    | ppb   |
| Cadmium    | 106-1 | 261.87   | 252.57   | 263.40   | 259.28     | 2.26    | ppb   |
| Cadmium    | 108-1 | 262.21   | 257.34   | 259.04   | 259.53     | 0.95    | ppb   |
| Calcium    | 43-1  | 24170.74 | 24157.84 | 24401.75 | 24243.44   | 0.57    | ppb   |
| Calcium    | 44-1  | 23981.51 | 24208.71 | 24110.04 | 24100.09   | 0.47    | ppb   |
| Chromium   | 52-2  | 254.10   | 248.87   | 261.79   | 254.92     | 2.55    | ppb   |
| Cobalt     | 59-2  | 253.64   | 249.47   | 256.51   | 253.21     | 1.40    | ppb   |
| Copper     | 63-2  | 509.84   | 498.55   | 519.28   | 509.23     | 2.04    | 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 |          |          |          | 102        |         | %     |
| Indium     | 115-1 |          |          |          | 102        |         | %     |
| Indium     | 115-2 |          |          |          | 99         |         | %     |
| Iron       | 56-2  | 12963.23 | 12679.98 | 13160.07 | 12934.43   | 1.87    | ppb   |
| Iron       | 57-2  | 12860.54 | 12709.94 | 13048.78 | 12873.09   | 1.32    | ppb   |
| Lead       | 206-1 | 244.81   | 247.32   | 247.59   | 246.57     | 0.62    | ppb   |
| Lead       | 207-1 | 240.44   | 242.97   | 246.84   | 243.42     | 1.32    | ppb   |
| Lead       | 208-1 | 246.99   | 249.13   | 252.35   | 249.49     | 1.08    | ppb   |
| Lithium    | 6-1   |          |          |          | 101        |         | %     |
| Magnesium  | 24-2  | 24719.25 | 24451.81 | 25183.36 | 24784.81   | 1.49    | ppb   |
| Manganese  | 55-2  | 515.43   | 509.83   | 526.44   | 517.23     | 1.63    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89660             | Operator :        | Jaswal     |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S05                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-22 12:22:30 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 247.60   | 245.54   | 248.78   | 247.30     | 0.66    | ppb   |
| Molybdenum | 95-1  | 241.03   | 241.47   | 241.49   | 241.33     | 0.11    | ppb   |
| Molybdenum | 96-1  | 246.18   | 241.81   | 245.65   | 244.55     | 0.97    | ppb   |
| Molybdenum | 97-1  | 244.11   | 243.22   | 243.08   | 243.47     | 0.23    | ppb   |
| Molybdenum | 98-1  | 246.92   | 247.92   | 247.03   | 247.29     | 0.22    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 255.59   | 252.07   | 263.39   | 257.02     | 2.25    | ppb   |
| Phosphorus | 31-2  | 4524.16  | 4637.18  | 5251.38  | 4804.24    | 8.15    | ppb   |
| Potassium  | 39-2  | 12995.05 | 12643.90 | 13068.32 | 12902.42   | 1.76    | ppb   |
| Rhodium    | 103-1 |          |          |          | 100        |         | %     |
| Rhodium    | 103-2 |          |          |          | 100        |         | %     |
| Scandium   | 45-1  |          |          |          | 104        |         | %     |
| Scandium   | 45-2  |          |          |          | 100        |         | %     |
| Selenium   | 77-2  | 259.64   | 313.04   | 312.90   | 295.19     | 10.43   | ppb   |
| Selenium   | 78-2  | 270.76   | 261.42   | 260.20   | 264.12     | 2.19    | ppb   |
| Selenium   | 82-1  | 250.89   | 251.12   | 250.19   | 250.73     | 0.19    | ppb   |
| Silicon    | 28-1  | 249.36   | 249.21   | 253.70   | 250.76     | 1.02    | ppb   |
| Silver     | 109-1 | 270.15   | 261.53   | 266.38   | 266.02     | 1.62    | ppb   |
| Silver     | 107-1 | 270.80   | 261.61   | 266.11   | 266.17     | 1.73    | ppb   |
| Sodium     | 23-2  | 25452.85 | 25061.20 | 25463.85 | 25325.97   | 0.91    | ppb   |
| Strontium  | 86-1  | 244.28   | 245.01   | 245.77   | 245.02     | 0.31    | ppb   |
| Strontium  | 88-1  | 247.84   | 249.01   | 247.68   | 248.18     | 0.29    | ppb   |
| Sulfur     | 34-1  | 4960.43  | 4608.54  | 4515.63  | 4694.86    | 5.00    | ppb   |
| Terbium    | 159-1 |          |          |          | 106        |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 249.08   | 249.11   | 250.96   | 249.71     | 0.43    | ppb   |
| Thallium   | 205-1 | 250.54   | 254.28   | 252.93   | 252.58     | 0.75    | ppb   |
| Tin        | 118-1 | 264.00   | 259.65   | 262.07   | 261.90     | 0.83    | ppb   |
| Titanium   | 47-1  | 247.23   | 247.18   | 248.45   | 247.62     | 0.29    | ppb   |
| Uranium    | 238-1 | 241.83   | 244.85   | 244.44   | 243.71     | 0.67    | ppb   |
| Vanadium   | 51-2  | 252.53   | 248.30   | 259.27   | 253.37     | 2.18    | ppb   |
| Yttrium    | 89-1  |          |          |          | 103        |         | %     |
| Yttrium    | 89-2  |          |          |          | 100        |         | %     |
| Zinc       | 66-2  | 517.57   | 514.03   | 526.63   | 519.41     | 1.25    | ppb   |
| Zirconium  | 90-1  | 249.43   | 245.81   | 248.29   | 247.84     | 0.75    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S05                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 12:22:30 | DataFile Name :   | 008CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 242.80  | 239.35  | 243.07  | 241.74     | 0.86    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89660             | Operator :        | Jaswal     |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S06                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-22 12:25:48 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9479.53  | 9798.90  | 9364.28  | 9547.57    | 2.36    | ppb   |
| Antimony   | 121-1 | 545.50   | 510.02   | 507.41   | 520.98     | 4.08    | ppb   |
| Arsenic    | 75-2  | 499.14   | 496.69   | 494.61   | 496.81     | 0.46    | ppb   |
| Barium     | 135-1 | 2726.53  | 2569.74  | 2508.87  | 2601.71    | 4.32    | ppb   |
| Barium     | 137-1 | 2695.75  | 2534.65  | 2496.24  | 2575.54    | 4.11    | ppb   |
| Beryllium  | 9-1   | 535.55   | 495.12   | 498.12   | 509.60     | 4.42    | ppb   |
| Bismuth    | 209-1 |          |          |          | 106        |         | %     |
| Bismuth    | 209-2 |          |          |          | 100        |         | %     |
| Boron      | 10-1  | 527.72   | 505.11   | 497.07   | 509.97     | 3.12    | ppb   |
| Boron      | 11-1  | 519.59   | 491.33   | 496.54   | 502.49     | 2.99    | ppb   |
| Cadmium    | 111-1 | 544.33   | 502.64   | 498.66   | 515.21     | 4.91    | ppb   |
| Cadmium    | 106-1 | 551.80   | 508.42   | 512.01   | 524.08     | 4.59    | ppb   |
| Cadmium    | 108-1 | 551.71   | 508.24   | 509.12   | 523.02     | 4.75    | ppb   |
| Calcium    | 43-1  | 52795.38 | 49074.24 | 49204.41 | 50358.01   | 4.19    | ppb   |
| Calcium    | 44-1  | 52517.00 | 48370.41 | 48893.82 | 49927.08   | 4.52    | ppb   |
| Chromium   | 52-2  | 500.38   | 511.02   | 491.97   | 501.12     | 1.91    | ppb   |
| Cobalt     | 59-2  | 496.43   | 506.10   | 491.21   | 497.91     | 1.52    | ppb   |
| Copper     | 63-2  | 1008.54  | 1023.69  | 1000.76  | 1011.00    | 1.15    | 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 |          |          |          | 101        |         | %     |
| Indium     | 115-1 |          |          |          | 97         |         | %     |
| Indium     | 115-2 |          |          |          | 94         |         | %     |
| Iron       | 56-2  | 25383.45 | 26064.94 | 24855.08 | 25434.49   | 2.38    | ppb   |
| Iron       | 57-2  | 25253.12 | 25886.58 | 24807.20 | 25315.63   | 2.14    | ppb   |
| Lead       | 206-1 | 544.76   | 500.66   | 507.94   | 517.79     | 4.57    | ppb   |
| Lead       | 207-1 | 534.48   | 499.61   | 508.98   | 514.35     | 3.51    | ppb   |
| Lead       | 208-1 | 541.31   | 500.01   | 508.08   | 516.47     | 4.24    | ppb   |
| Lithium    | 6-1   |          |          |          | 97         |         | %     |
| Magnesium  | 24-2  | 49988.46 | 51524.29 | 50202.84 | 50571.86   | 1.64    | ppb   |
| Manganese  | 55-2  | 1006.10  | 1021.50  | 990.89   | 1006.16    | 1.52    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89660             | Operator :        | Jaswal     |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S06                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-22 12:25:48 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 542.30   | 495.67   | 497.09   | 511.69     | 5.18    | ppb   |
| Molybdenum | 95-1  | 544.33   | 497.19   | 501.15   | 514.22     | 5.09    | ppb   |
| Molybdenum | 96-1  | 547.29   | 493.47   | 499.88   | 513.55     | 5.72    | ppb   |
| Molybdenum | 97-1  | 532.33   | 490.20   | 494.43   | 505.65     | 4.59    | ppb   |
| Molybdenum | 98-1  | 542.38   | 493.75   | 502.45   | 512.86     | 5.06    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 502.97   | 516.91   | 499.71   | 506.53     | 1.80    | ppb   |
| Phosphorus | 31-2  | 9950.74  | 10182.04 | 9700.47  | 9944.41    | 2.42    | ppb   |
| Potassium  | 39-2  | 25045.01 | 25631.81 | 24799.89 | 25158.90   | 1.70    | ppb   |
| Rhodium    | 103-1 |          |          |          | 96         |         | %     |
| Rhodium    | 103-2 |          |          |          | 97         |         | %     |
| Scandium   | 45-1  |          |          |          | 98         |         | %     |
| Scandium   | 45-2  |          |          |          | 98         |         | %     |
| Selenium   | 77-2  | 511.43   | 519.98   | 459.42   | 496.94     | 6.59    | ppb   |
| Selenium   | 78-2  | 479.64   | 511.53   | 526.37   | 505.84     | 4.72    | ppb   |
| Selenium   | 82-1  | 542.75   | 500.60   | 502.69   | 515.35     | 4.61    | ppb   |
| Silicon    | 28-1  | 558.08   | 514.12   | 515.44   | 529.21     | 4.73    | ppb   |
| Silver     | 109-1 | 558.39   | 513.76   | 512.17   | 528.11     | 4.97    | ppb   |
| Silver     | 107-1 | 557.16   | 514.47   | 511.34   | 527.66     | 4.85    | ppb   |
| Sodium     | 23-2  | 49176.45 | 50686.45 | 48384.97 | 49415.96   | 2.37    | ppb   |
| Strontium  | 86-1  | 545.91   | 496.77   | 500.25   | 514.31     | 5.33    | ppb   |
| Strontium  | 88-1  | 534.70   | 498.70   | 499.86   | 511.09     | 4.00    | ppb   |
| Sulfur     | 34-1  | 11482.89 | 9944.27  | 9742.24  | 10389.80   | 9.16    | ppb   |
| Terbium    | 159-1 |          |          |          | 104        |         | %     |
| Terbium    | 159-2 |          |          |          | 101        |         | %     |
| Thallium   | 203-1 | 540.01   | 505.74   | 510.51   | 518.75     | 3.58    | ppb   |
| Thallium   | 205-1 | 534.41   | 493.24   | 506.42   | 511.36     | 4.11    | ppb   |
| Tin        | 118-1 | 551.50   | 511.53   | 505.21   | 522.75     | 4.80    | ppb   |
| Titanium   | 47-1  | 530.23   | 497.83   | 497.50   | 508.52     | 3.70    | ppb   |
| Uranium    | 238-1 | 526.25   | 493.80   | 492.01   | 504.02     | 3.82    | ppb   |
| Vanadium   | 51-2  | 499.15   | 509.26   | 492.01   | 500.14     | 1.73    | ppb   |
| Yttrium    | 89-1  |          |          |          | 98         |         | %     |
| Yttrium    | 89-2  |          |          |          | 96         |         | %     |
| Zinc       | 66-2  | 1007.85  | 1035.49  | 985.68   | 1009.67    | 2.47    | ppb   |
| Zirconium  | 90-1  | 539.24   | 494.74   | 496.02   | 510.00     | 4.97    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S06                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 12:25:48 | DataFile Name :   | 009CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 544.52  | 493.43  | 493.83  | 510.59     | 5.75    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89660             | Operator :        | Jaswal     |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S07                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-22 12:29:01 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2  | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 19151.65  | 19192.55 | 19754.90  | 19366.36   | 1.74    | ppb   |
| Antimony   | 121-1 | 986.45    | 985.87   | 985.86    | 986.06     | 0.03    | ppb   |
| Arsenic    | 75-2  | 999.40    | 991.80   | 1012.95   | 1001.38    | 1.07    | ppb   |
| Barium     | 135-1 | 4960.48   | 4913.64  | 4937.92   | 4937.35    | 0.47    | ppb   |
| Barium     | 137-1 | 4936.90   | 4952.95  | 4961.10   | 4950.32    | 0.25    | ppb   |
| Beryllium  | 9-1   | 1001.63   | 1004.02  | 978.43    | 994.69     | 1.42    | ppb   |
| Bismuth    | 209-1 |           |          |           | 110        |         | %     |
| Bismuth    | 209-2 |           |          |           | 97         |         | %     |
| Boron      | 10-1  | 984.83    | 1000.13  | 1007.41   | 997.46     | 1.16    | ppb   |
| Boron      | 11-1  | 976.15    | 1007.82  | 1017.18   | 1000.38    | 2.15    | ppb   |
| Cadmium    | 111-1 | 987.59    | 994.72   | 986.40    | 989.57     | 0.46    | ppb   |
| Cadmium    | 106-1 | 981.62    | 984.90   | 986.11    | 984.21     | 0.24    | ppb   |
| Cadmium    | 108-1 | 982.05    | 981.93   | 990.27    | 984.75     | 0.49    | ppb   |
| Calcium    | 43-1  | 97773.92  | 96655.06 | 100853.46 | 98427.48   | 2.21    | ppb   |
| Calcium    | 44-1  | 96955.85  | 97549.38 | 97935.85  | 97480.36   | 0.51    | ppb   |
| Chromium   | 52-2  | 1012.93   | 978.82   | 1000.03   | 997.26     | 1.73    | ppb   |
| Cobalt     | 59-2  | 1007.58   | 995.82   | 995.33    | 999.58     | 0.69    | ppb   |
| Copper     | 63-2  | 2003.66   | 1976.33  | 1991.18   | 1990.39    | 0.69    | 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 |           |          |           | 108        |         | %     |
| Holmium    | 165-2 |           |          |           | 98         |         | %     |
| Indium     | 115-1 |           |          |           | 97         |         | %     |
| Indium     | 115-2 |           |          |           | 87         |         | %     |
| Iron       | 56-2  | 50842.64  | 50144.38 | 50316.89  | 50434.64   | 0.72    | ppb   |
| Iron       | 57-2  | 51239.13  | 50029.62 | 50619.45  | 50629.40   | 1.19    | ppb   |
| Lead       | 206-1 | 986.82    | 995.87   | 993.40    | 992.03     | 0.47    | ppb   |
| Lead       | 207-1 | 992.30    | 1002.23  | 989.74    | 994.76     | 0.66    | ppb   |
| Lead       | 208-1 | 991.90    | 994.19   | 989.71    | 991.93     | 0.23    | ppb   |
| Lithium    | 6-1   |           |          |           | 98         |         | %     |
| Magnesium  | 24-2  | 102258.25 | 99085.56 | 101264.82 | 100869.55  | 1.61    | ppb   |
| Manganese  | 55-2  | 2010.09   | 1964.17  | 1996.15   | 1990.14    | 1.18    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89660             | Operator :        | Jaswal     |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S07                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-22 12:29:01 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2  | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 980.76    | 995.71   | 1008.65   | 995.04     | 1.40    | ppb   |
| Molybdenum | 95-1  | 991.32    | 992.69   | 1002.29   | 995.43     | 0.60    | ppb   |
| Molybdenum | 96-1  | 989.29    | 986.03   | 1009.33   | 994.89     | 1.27    | ppb   |
| Molybdenum | 97-1  | 988.43    | 997.42   | 1011.15   | 999.00     | 1.15    | ppb   |
| Molybdenum | 98-1  | 988.26    | 994.50   | 1000.84   | 994.53     | 0.63    | ppb   |
| Neodymium  | 150-1 |           |          |           |            |         | cps   |
| Neodymium  | 150-2 |           |          |           |            |         | cps   |
| Nickel     | 60-2  | 1005.34   | 983.21   | 993.29    | 993.95     | 1.11    | ppb   |
| Phosphorus | 31-2  | 20423.01  | 19167.45 | 20636.11  | 20075.53   | 3.95    | ppb   |
| Potassium  | 39-2  | 49896.55  | 48689.92 | 49932.79  | 49506.42   | 1.43    | ppb   |
| Rhodium    | 103-1 |           |          |           | 95         |         | %     |
| Rhodium    | 103-2 |           |          |           | 92         |         | %     |
| Scandium   | 45-1  |           |          |           | 96         |         | %     |
| Scandium   | 45-2  |           |          |           | 95         |         | %     |
| Selenium   | 77-2  | 1076.63   | 924.61   | 963.12    | 988.12     | 8.00    | ppb   |
| Selenium   | 78-2  | 964.69    | 997.35   | 1015.44   | 992.49     | 2.59    | ppb   |
| Selenium   | 82-1  | 984.47    | 988.98   | 1001.33   | 991.60     | 0.88    | ppb   |
| Silicon    | 28-1  | 974.68    | 986.33   | 994.39    | 985.13     | 1.01    | ppb   |
| Silver     | 109-1 | 972.05    | 988.43   | 981.55    | 980.68     | 0.84    | ppb   |
| Silver     | 107-1 | 973.26    | 986.44   | 982.66    | 980.79     | 0.69    | ppb   |
| Sodium     | 23-2  | 101717.10 | 97834.27 | 100862.33 | 100137.90  | 2.04    | ppb   |
| Strontium  | 86-1  | 986.30    | 996.90   | 999.24    | 994.15     | 0.69    | ppb   |
| Strontium  | 88-1  | 993.45    | 993.01   | 997.36    | 994.60     | 0.24    | ppb   |
| Sulfur     | 34-1  | 19719.92  | 19874.99 | 20031.73  | 19875.55   | 0.78    | ppb   |
| Terbium    | 159-1 |           |          |           | 107        |         | %     |
| Terbium    | 159-2 |           |          |           | 98         |         | %     |
| Thallium   | 203-1 | 981.55    | 994.01   | 996.63    | 990.73     | 0.81    | ppb   |
| Thallium   | 205-1 | 978.93    | 1000.30  | 1000.83   | 993.35     | 1.26    | ppb   |
| Tin        | 118-1 | 986.47    | 989.83   | 978.61    | 984.97     | 0.58    | ppb   |
| Titanium   | 47-1  | 989.59    | 994.82   | 1004.58   | 996.33     | 0.76    | ppb   |
| Uranium    | 238-1 | 1007.54   | 993.70   | 997.88    | 999.71     | 0.71    | ppb   |
| Vanadium   | 51-2  | 1003.86   | 983.88   | 1007.68   | 998.47     | 1.28    | ppb   |
| Yttrium    | 89-1  |           |          |           | 97         |         | %     |
| Yttrium    | 89-2  |           |          |           | 91         |         | %     |
| Zinc       | 66-2  | 2009.37   | 1965.28  | 1988.95   | 1987.87    | 1.11    | ppb   |
| Zirconium  | 90-1  | 991.48    | 990.47   | 1004.28   | 995.41     | 0.77    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S07                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 12:29:01 | DataFile Name :   | 010CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 997.80  | 994.13  | 999.70  | 997.21     | 0.28    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89660             | Operator :        | Jaswal     |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S08                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-22 12:32:10 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 100869.84 | 100944.19 | 98732.51  | 100182.18  | 1.25    | ppb   |
| Antimony   | 121-1 | 2.16      | 2.15      | 2.05      | 2.12       | 2.89    | ppb   |
| Arsenic    | 75-2  | 0.30      | 0.16      | 0.41      | 0.29       | 43.17   | ppb   |
| Barium     | 135-1 | 1.67      | 1.77      | 1.51      | 1.65       | 7.96    | ppb   |
| Barium     | 137-1 | 1.76      | 1.88      | 1.66      | 1.77       | 6.12    | ppb   |
| Beryllium  | 9-1   | 0.26      | 0.34      | 0.23      | 0.28       | 21.28   | ppb   |
| Bismuth    | 209-1 |           |           |           | 103        |         | %     |
| Bismuth    | 209-2 |           |           |           | 94         |         | %     |
| Boron      | 10-1  | 43.86     | 48.29     | 37.99     | 43.38      | 11.90   | ppb   |
| Boron      | 11-1  | 43.79     | 42.29     | 39.81     | 41.96      | 4.79    | ppb   |
| Cadmium    | 111-1 | 0.07      | 0.07      | 0.03      | 0.06       | 36.64   | ppb   |
| Cadmium    | 106-1 | -1.65     | -1.13     | -1.57     | -1.45      |         | ppb   |
| Cadmium    | 108-1 | 0.14      | 0.01      | -0.03     | 0.04       | 217.84  | ppb   |
| Calcium    | 43-1  | 495354.64 | 511505.20 | 494109.72 | 500323.18  | 1.94    | ppb   |
| Calcium    | 44-1  | 494263.70 | 514003.33 | 493417.04 | 500561.36  | 2.33    | ppb   |
| Chromium   | 52-2  | 3.69      | 3.83      | 3.55      | 3.69       | 3.78    | ppb   |
| Cobalt     | 59-2  | 1.23      | 1.08      | 1.14      | 1.15       | 6.42    | ppb   |
| Copper     | 63-2  | 3.12      | 3.09      | 3.05      | 3.09       | 1.24    | 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 |           |           |           | 100        |         | %     |
| Indium     | 115-1 |           |           |           | 93         |         | %     |
| Indium     | 115-2 |           |           |           | 90         |         | %     |
| Iron       | 56-2  | 252442.19 | 250953.74 | 246111.41 | 249835.78  | 1.32    | ppb   |
| Iron       | 57-2  | 248791.90 | 247874.17 | 252768.47 | 249811.51  | 1.04    | ppb   |
| Lead       | 206-1 | 1.89      | 2.03      | 1.88      | 1.93       | 4.25    | ppb   |
| Lead       | 207-1 | 1.88      | 1.83      | 1.84      | 1.85       | 1.47    | ppb   |
| Lead       | 208-1 | 1.90      | 1.94      | 1.90      | 1.91       | 1.35    | ppb   |
| Lithium    | 6-1   |           |           |           | 91         |         | %     |
| Magnesium  | 24-2  | 502466.50 | 506355.58 | 490507.36 | 499776.48  | 1.65    | ppb   |
| Manganese  | 55-2  | 5.26      | 4.85      | 5.28      | 5.13       | 4.77    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89660             | Operator :        | Jaswal     |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S08                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-22 12:32:10 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.45      | 0.50      | 0.46      | 0.47       | 5.10    | ppb   |
| Molybdenum | 95-1  | 0.97      | 1.01      | 1.07      | 1.02       | 4.59    | ppb   |
| Molybdenum | 96-1  | 1.24      | 1.35      | 1.31      | 1.30       | 4.19    | ppb   |
| Molybdenum | 97-1  | 0.95      | 1.09      | 0.95      | 1.00       | 7.92    | ppb   |
| Molybdenum | 98-1  | 1.08      | 0.96      | 0.97      | 1.00       | 6.64    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 2.53      | 2.63      | 2.36      | 2.51       | 5.58    | ppb   |
| Phosphorus | 31-2  | 20.09     | 35.77     | 3.59      | 19.81      | 81.21   | ppb   |
| Potassium  | 39-2  | 247219.37 | 253621.75 | 249307.63 | 250049.58  | 1.31    | ppb   |
| Rhodium    | 103-1 |           |           |           | 89         |         | %     |
| Rhodium    | 103-2 |           |           |           | 90         |         | %     |
| Scandium   | 45-1  |           |           |           | 93         |         | %     |
| Scandium   | 45-2  |           |           |           | 93         |         | %     |
| Selenium   | 77-2  | 0.00      | 6.95      | 0.00      | 2.32       | 173.21  | ppb   |
| Selenium   | 78-2  | 1.53      | -0.29     | 2.67      | 1.30       | 114.67  | ppb   |
| Selenium   | 82-1  | 0.83      | 0.63      | 0.69      | 0.72       | 14.33   | ppb   |
| Silicon    | 28-1  | 7.89      | 11.51     | 5.52      | 8.31       | 36.30   | ppb   |
| Silver     | 109-1 | 0.11      | 0.10      | 0.09      | 0.10       | 7.69    | ppb   |
| Silver     | 107-1 | 0.11      | 0.10      | 0.08      | 0.10       | 13.76   | ppb   |
| Sodium     | 23-2  | 503902.88 | 504113.93 | 491992.35 | 500003.05  | 1.39    | ppb   |
| Strontium  | 86-1  | 33.33     | 34.26     | 33.41     | 33.67      | 1.52    | ppb   |
| Strontium  | 88-1  | 34.04     | 35.28     | 34.30     | 34.54      | 1.90    | ppb   |
| Sulfur     | 34-1  | 406.10    | 1079.07   | 333.01    | 606.06     | 67.86   | ppb   |
| Terbium    | 159-1 |           |           |           | 104        |         | %     |
| Terbium    | 159-2 |           |           |           | 99         |         | %     |
| Thallium   | 203-1 | 0.31      | 0.31      | 0.29      | 0.30       | 4.06    | ppb   |
| Thallium   | 205-1 | 0.33      | 0.35      | 0.30      | 0.33       | 6.85    | ppb   |
| Tin        | 118-1 | 0.67      | 0.63      | 0.52      | 0.61       | 12.54   | ppb   |
| Titanium   | 47-1  | 0.52      | 0.88      | 0.67      | 0.69       | 26.50   | ppb   |
| Uranium    | 238-1 | 0.08      | 0.09      | 0.07      | 0.08       | 11.15   | ppb   |
| Vanadium   | 51-2  | 0.29      | 0.31      | 0.28      | 0.29       | 5.72    | ppb   |
| Yttrium    | 89-1  |           |           |           | 94         |         | %     |
| Yttrium    | 89-2  |           |           |           | 93         |         | %     |
| Zinc       | 66-2  | 10.27     | 9.72      | 10.08     | 10.02      | 2.80    | ppb   |
| Zirconium  | 90-1  | 0.18      | 0.18      | 0.19      | 0.19       | 1.34    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S08                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 12:32:10 | DataFile Name :   | 011CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.16    | 0.24    | 0.14    | 0.18       | 29.10   | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89660             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P8       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-22 12:35:32 | DataFile Name :   | 012ICV.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 465.96  | 493.60  | 447.55  | 469.04     | 4.94    | ppb   |
| Antimony   | 121-1 | 199.14  | 197.22  | 195.97  | 197.44     | 0.81    | ppb   |
| Arsenic    | 75-2  | 198.72  | 194.84  | 196.28  | 196.61     | 1.00    | ppb   |
| Barium     | 135-1 | 98.85   | 98.97   | 97.77   | 98.53      | 0.67    | ppb   |
| Barium     | 137-1 | 99.07   | 99.16   | 97.89   | 98.71      | 0.72    | ppb   |
| Beryllium  | 9-1   | 96.87   | 94.72   | 95.31   | 95.63      | 1.17    | ppb   |
| Bismuth    | 209-1 |         |         |         | 112        |         | %     |
| Bismuth    | 209-2 |         |         |         | 103        |         | %     |
| Boron      | 10-1  | 548.89  | 541.06  | 556.97  | 548.97     | 1.45    | ppb   |
| Boron      | 11-1  | 542.87  | 540.69  | 549.36  | 544.30     | 0.83    | ppb   |
| Cadmium    | 111-1 | 101.02  | 101.28  | 100.20  | 100.83     | 0.56    | ppb   |
| Cadmium    | 106-1 | 152.68  | 150.69  | 150.71  | 151.36     | 0.76    | ppb   |
| Cadmium    | 108-1 | 134.11  | 132.26  | 132.40  | 132.92     | 0.77    | ppb   |
| Calcium    | 43-1  | 2113.07 | 2113.25 | 2074.82 | 2100.38    | 1.05    | ppb   |
| Calcium    | 44-1  | 2049.22 | 2058.08 | 2038.43 | 2048.58    | 0.48    | ppb   |
| Chromium   | 52-2  | 97.52   | 96.32   | 96.70   | 96.85      | 0.63    | ppb   |
| Cobalt     | 59-2  | 101.39  | 99.85   | 99.25   | 100.16     | 1.10    | ppb   |
| Copper     | 63-2  | 102.74  | 99.51   | 99.65   | 100.63     | 1.82    | 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 |         |         |         | 108        |         | %     |
| Holmium    | 165-2 |         |         |         | 102        |         | %     |
| Indium     | 115-1 |         |         |         | 101        |         | %     |
| Indium     | 115-2 |         |         |         | 96         |         | %     |
| Iron       | 56-2  | 1013.23 | 1000.16 | 998.16  | 1003.85    | 0.82    | ppb   |
| Iron       | 57-2  | 1033.29 | 977.23  | 1025.36 | 1011.96    | 3.00    | ppb   |
| Lead       | 206-1 | 195.29  | 195.64  | 194.57  | 195.16     | 0.28    | ppb   |
| Lead       | 207-1 | 186.14  | 186.90  | 185.14  | 186.06     | 0.47    | ppb   |
| Lead       | 208-1 | 195.27  | 194.94  | 194.53  | 194.91     | 0.19    | ppb   |
| Lithium    | 6-1   |         |         |         | 100        |         | %     |
| Magnesium  | 24-2  | 1211.63 | 1183.67 | 1184.51 | 1193.27    | 1.33    | ppb   |
| Manganese  | 55-2  | 100.39  | 100.75  | 98.97   | 100.04     | 0.94    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89660             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P8       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-22 12:35:32 | DataFile Name :   | 012ICV.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 488.51  | 486.00  | 496.53  | 490.35     | 1.12    | ppb   |
| Molybdenum | 95-1  | 496.82  | 497.34  | 505.42  | 499.86     | 0.96    | ppb   |
| Molybdenum | 96-1  | 496.23  | 497.61  | 504.52  | 499.45     | 0.89    | ppb   |
| Molybdenum | 97-1  | 482.51  | 486.56  | 489.52  | 486.20     | 0.72    | ppb   |
| Molybdenum | 98-1  | 490.90  | 498.47  | 495.61  | 494.99     | 0.77    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 103.67  | 102.97  | 100.87  | 102.50     | 1.42    | ppb   |
| Phosphorus | 31-2  | 2.89    | 2.67    | 32.46   | 12.67      | 135.27  | ppb   |
| Potassium  | 39-2  | 1988.13 | 1982.39 | 2042.76 | 2004.42    | 1.66    | ppb   |
| Rhodium    | 103-1 |         |         |         | 101        |         | %     |
| Rhodium    | 103-2 |         |         |         | 100        |         | %     |
| Scandium   | 45-1  |         |         |         | 101        |         | %     |
| Scandium   | 45-2  |         |         |         | 100        |         | %     |
| Selenium   | 77-2  | 183.49  | 185.47  | 185.25  | 184.74     | 0.59    | ppb   |
| Selenium   | 78-2  | 202.35  | 195.20  | 194.50  | 197.35     | 2.20    | ppb   |
| Selenium   | 82-1  | 194.28  | 194.64  | 198.11  | 195.67     | 1.08    | ppb   |
| Silicon    | 28-1  | 465.35  | 462.96  | 460.54  | 462.95     | 0.52    | ppb   |
| Silver     | 109-1 | 100.48  | 99.18   | 99.14   | 99.60      | 0.77    | ppb   |
| Silver     | 107-1 | 100.52  | 99.49   | 98.98   | 99.66      | 0.79    | ppb   |
| Sodium     | 23-2  | 2111.65 | 2056.41 | 2075.36 | 2081.14    | 1.35    | ppb   |
| Strontium  | 86-1  | 491.28  | 492.29  | 485.38  | 489.65     | 0.76    | ppb   |
| Strontium  | 88-1  | 490.85  | 491.79  | 497.48  | 493.38     | 0.73    | ppb   |
| Sulfur     | 34-1  | -143.45 | -241.13 | -314.54 | -233.04    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 107        |         | %     |
| Terbium    | 159-2 |         |         |         | 102        |         | %     |
| Thallium   | 203-1 | 197.91  | 197.99  | 197.13  | 197.68     | 0.24    | ppb   |
| Thallium   | 205-1 | 202.24  | 203.31  | 201.86  | 202.47     | 0.37    | ppb   |
| Tin        | 118-1 | 515.84  | 512.64  | 511.99  | 513.49     | 0.40    | ppb   |
| Titanium   | 47-1  | 485.58  | 492.43  | 490.90  | 489.64     | 0.73    | ppb   |
| Uranium    | 238-1 | 522.85  | 522.06  | 524.11  | 523.00     | 0.20    | ppb   |
| Vanadium   | 51-2  | 98.48   | 97.46   | 98.11   | 98.02      | 0.53    | ppb   |
| Yttrium    | 89-1  |         |         |         | 101        |         | %     |
| Yttrium    | 89-2  |         |         |         | 97         |         | %     |
| Zinc       | 66-2  | 204.61  | 199.85  | 204.81  | 203.09     | 1.38    | ppb   |
| Zirconium  | 90-1  | 480.52  | 484.02  | 489.57  | 484.70     | 0.94    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89660             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P8       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-22 12:35:32 | DataFile Name :   | 012ICV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 479.03  | 497.18  | 488.44  | 488.22     | 1.86    | ppb   |

LB Number : LB89660 Operator : Jaswal  
 Lab Sample ID : ICB Instrumnet Name : P8  
 Client Sample ID : ICB Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-22 12:38:36 DataFile Name : 013CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.60    | 2.03    | -1.41   | 1.07       | 202.61  | ppb   |
| Antimony   | 121-1 | 0.19    | 0.19    | 0.17    | 0.18       | 5.70    | ppb   |
| Arsenic    | 75-2  | 0.02    | -0.05   | 0.01    | -0.01      |         | ppb   |
| Barium     | 135-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | 0.02    | 0.01       | 117.03  | ppb   |
| Beryllium  | 9-1   | 0.12    | 0.09    | 0.11    | 0.11       | 13.38   | ppb   |
| Bismuth    | 209-1 |         |         |         | 111        |         | %     |
| Bismuth    | 209-2 |         |         |         | 98         |         | %     |
| Boron      | 10-1  | 18.15   | 18.30   | 19.46   | 18.64      | 3.86    | ppb   |
| Boron      | 11-1  | 20.45   | 18.96   | 18.48   | 19.30      | 5.31    | ppb   |
| Cadmium    | 111-1 | -0.06   | -0.08   | -0.07   | -0.07      |         | ppb   |
| Cadmium    | 106-1 | -1.00   | -1.23   | -1.14   | -1.12      |         | ppb   |
| Cadmium    | 108-1 | -0.08   | -0.03   | -0.05   | -0.05      |         | ppb   |
| Calcium    | 43-1  | -19.09  | -10.03  | -11.92  | -13.68     |         | ppb   |
| Calcium    | 44-1  | 6.19    | 2.80    | 1.45    | 3.48       | 70.26   | ppb   |
| Chromium   | 52-2  | -0.04   | -0.08   | -0.11   | -0.08      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.01    | 0.00       | 290.78  | ppb   |
| Copper     | 63-2  | 0.03    | 0.04    | -0.02   | 0.02       | 186.44  | 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 |         |         |         | 98         |         | %     |
| Indium     | 115-1 |         |         |         | 101        |         | %     |
| Indium     | 115-2 |         |         |         | 94         |         | %     |
| Iron       | 56-2  | 0.96    | 1.02    | 1.09    | 1.02       | 6.55    | ppb   |
| Iron       | 57-2  | -0.48   | -0.84   | 2.41    | 0.36       | 487.81  | ppb   |
| Lead       | 206-1 | 0.09    | 0.05    | 0.07    | 0.07       | 27.45   | ppb   |
| Lead       | 207-1 | 0.09    | 0.10    | 0.09    | 0.09       | 7.51    | ppb   |
| Lead       | 208-1 | 0.09    | 0.08    | 0.09    | 0.09       | 4.33    | ppb   |
| Lithium    | 6-1   |         |         |         | 100        |         | %     |
| Magnesium  | 24-2  | 1.54    | 1.48    | 1.73    | 1.58       | 8.15    | ppb   |
| Manganese  | 55-2  | 0.02    | -0.05   | 0.07    | 0.01       | 458.47  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P8        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 12:38:36 | DataFile Name :   | 013CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.03    | 0.02    | 0.03    | 0.03       | 23.58   | ppb   |
| Molybdenum | 95-1  | 0.07    | 0.05    | 0.05    | 0.06       | 19.38   | ppb   |
| Molybdenum | 96-1  | 0.05    | 0.04    | 0.04    | 0.04       | 15.13   | ppb   |
| Molybdenum | 97-1  | 0.08    | 0.07    | 0.04    | 0.06       | 35.48   | ppb   |
| Molybdenum | 98-1  | 0.08    | 0.04    | 0.06    | 0.06       | 26.31   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.02    | -0.03   | 0.00    | 0.00       |         | ppb   |
| Phosphorus | 31-2  | 4.67    | -12.19  | 3.14    | -1.46      |         | ppb   |
| Potassium  | 39-2  | 37.44   | 19.26   | 9.32    | 22.01      | 64.81   | ppb   |
| Rhodium    | 103-1 |         |         |         | 101        |         | %     |
| Rhodium    | 103-2 |         |         |         | 98         |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 94         |         | %     |
| Selenium   | 77-2  | 3.73    | 0.00    | 0.00    | 1.24       | 173.21  | ppb   |
| Selenium   | 78-2  | -0.84   | -0.33   | -0.91   | -0.70      |         | ppb   |
| Selenium   | 82-1  | -0.36   | 0.06    | 0.16    | -0.05      |         | ppb   |
| Silicon    | 28-1  | -12.65  | -9.74   | -10.76  | -11.05     |         | ppb   |
| Silver     | 109-1 | 0.02    | 0.02    | 0.01    | 0.01       | 24.55   | ppb   |
| Silver     | 107-1 | 0.01    | 0.02    | 0.01    | 0.01       | 13.28   | ppb   |
| Sodium     | 23-2  | 98.27   | 85.45   | 78.52   | 87.41      | 11.47   | ppb   |
| Strontium  | 86-1  | 0.00    | 0.02    | 0.00    | 0.01       | 162.05  | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | 47.38   | ppb   |
| Sulfur     | 34-1  | -269.17 | -260.75 | -166.28 | -232.07    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 107        |         | %     |
| Terbium    | 159-2 |         |         |         | 97         |         | %     |
| Thallium   | 203-1 | 0.08    | 0.08    | 0.07    | 0.08       | 9.63    | ppb   |
| Thallium   | 205-1 | 0.07    | 0.08    | 0.07    | 0.07       | 5.92    | ppb   |
| Tin        | 118-1 | 0.22    | 0.14    | 0.16    | 0.17       | 24.72   | ppb   |
| Titanium   | 47-1  | 0.11    | 0.01    | 0.01    | 0.04       | 136.33  | ppb   |
| Uranium    | 238-1 | 0.01    | 0.00    | 0.01    | 0.01       | 44.74   | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.01   | 0.01    | 0.00       |         | ppb   |
| Yttrium    | 89-1  |         |         |         | 100        |         | %     |
| Yttrium    | 89-2  |         |         |         | 94         |         | %     |
| Zinc       | 66-2  | 0.01    | 0.21    | 0.08    | 0.10       | 104.52  | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.02    | 0.03    | 0.02       | 9.91    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P8        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 12:38:36 | DataFile Name :   | 013CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.03    | 0.02    | 0.03       | 22.49   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 12:41:47 | DataFile Name :   | 014ICSA.d |

| Parameter  | Mass  | ConRep1  | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 90172.68 | 91732.71  | 91315.68  | 91073.69   | 0.89    | ppb   |
| Antimony   | 121-1 | 1.20     | 1.16      | 1.20      | 1.19       | 1.89    | ppb   |
| Arsenic    | 75-2  | 0.30     | 0.43      | 0.37      | 0.37       | 18.86   | ppb   |
| Barium     | 135-1 | 1.44     | 1.63      | 1.59      | 1.55       | 6.35    | ppb   |
| Barium     | 137-1 | 1.54     | 1.45      | 1.50      | 1.50       | 2.89    | ppb   |
| Beryllium  | 9-1   | 0.33     | 0.37      | 0.35      | 0.35       | 5.61    | ppb   |
| Bismuth    | 209-1 |          |           |           | 107        |         | %     |
| Bismuth    | 209-2 |          |           |           | 98         |         | %     |
| Boron      | 10-1  | 17.04    | 15.79     | 15.16     | 16.00      | 5.99    | ppb   |
| Boron      | 11-1  | 18.23    | 15.58     | 16.21     | 16.68      | 8.31    | ppb   |
| Cadmium    | 111-1 | 0.18     | 0.13      | 0.12      | 0.14       | 20.46   | ppb   |
| Cadmium    | 106-1 | -1.82    | -1.87     | -1.65     | -1.78      |         | ppb   |
| Cadmium    | 108-1 | 7.30     | 6.63      | 7.18      | 7.04       | 5.03    | ppb   |
| Calcium    | 43-1  | 98912.92 | 95260.59  | 97664.44  | 97279.32   | 1.91    | ppb   |
| Calcium    | 44-1  | 97026.52 | 94517.06  | 96577.20  | 96040.26   | 1.39    | ppb   |
| Chromium   | 52-2  | 19.66    | 19.85     | 20.32     | 19.94      | 1.71    | ppb   |
| Cobalt     | 59-2  | 1.12     | 1.19      | 1.12      | 1.15       | 3.47    | ppb   |
| Copper     | 63-2  | 7.78     | 8.04      | 8.01      | 7.94       | 1.81    | 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 |          |           |           | 108        |         | %     |
| Holmium    | 165-2 |          |           |           | 102        |         | %     |
| Indium     | 115-1 |          |           |           | 99         |         | %     |
| Indium     | 115-2 |          |           |           | 95         |         | %     |
| Iron       | 56-2  | 98739.94 | 100118.84 | 100354.69 | 99737.83   | 0.87    | ppb   |
| Iron       | 57-2  | 99960.48 | 102415.37 | 100962.26 | 101112.71  | 1.22    | ppb   |
| Lead       | 206-1 | 4.74     | 4.74      | 4.53      | 4.67       | 2.52    | ppb   |
| Lead       | 207-1 | 4.06     | 4.02      | 3.93      | 4.01       | 1.67    | ppb   |
| Lead       | 208-1 | 4.43     | 4.37      | 4.26      | 4.35       | 1.93    | ppb   |
| Lithium    | 6-1   |          |           |           | 99         |         | %     |
| Magnesium  | 24-2  | 98653.57 | 100636.09 | 99673.49  | 99654.38   | 0.99    | ppb   |
| Manganese  | 55-2  | 7.78     | 8.07      | 7.93      | 7.93       | 1.84    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 12:41:47 | DataFile Name :   | 014ICSA.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 588.82    | 576.47    | 578.16    | 581.15     | 1.15    | ppb   |
| Molybdenum | 95-1  | 1891.80   | 1866.89   | 1858.17   | 1872.28    | 0.93    | ppb   |
| Molybdenum | 96-1  | 1572.28   | 1542.84   | 1552.29   | 1555.80    | 0.97    | ppb   |
| Molybdenum | 97-1  | 1899.47   | 1866.41   | 1860.37   | 1875.42    | 1.12    | ppb   |
| Molybdenum | 98-1  | 1911.78   | 1876.80   | 1871.11   | 1886.57    | 1.17    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 5.69      | 5.82      | 5.09      | 5.53       | 7.05    | ppb   |
| Phosphorus | 31-2  | 97957.21  | 100255.52 | 99720.40  | 99311.04   | 1.21    | ppb   |
| Potassium  | 39-2  | 100350.36 | 102703.18 | 102525.42 | 101859.65  | 1.29    | ppb   |
| Rhodium    | 103-1 |           |           |           | 97         |         | %     |
| Rhodium    | 103-2 |           |           |           | 97         |         | %     |
| Scandium   | 45-1  |           |           |           | 99         |         | %     |
| Scandium   | 45-2  |           |           |           | 97         |         | %     |
| Selenium   | 77-2  | 0.00      | 6.66      | 0.00      | 2.22       | 173.21  | ppb   |
| Selenium   | 78-2  | 1.97      | -1.48     | -0.33     | 0.05       | 3243.07 | ppb   |
| Selenium   | 82-1  | 0.46      | 0.62      | 0.98      | 0.69       | 38.72   | ppb   |
| Silicon    | 28-1  | 29.41     | 24.41     | 24.95     | 26.26      | 10.45   | ppb   |
| Silver     | 109-1 | 0.20      | 0.19      | 0.21      | 0.20       | 3.63    | ppb   |
| Silver     | 107-1 | 0.20      | 0.20      | 0.20      | 0.20       | 0.24    | ppb   |
| Sodium     | 23-2  | 98118.96  | 99153.18  | 99497.25  | 98923.13   | 0.73    | ppb   |
| Strontium  | 86-1  | 32.69     | 31.81     | 32.09     | 32.20      | 1.38    | ppb   |
| Strontium  | 88-1  | 33.53     | 32.84     | 32.54     | 32.97      | 1.54    | ppb   |
| Sulfur     | 34-1  | 75601.75  | 71990.31  | 74582.28  | 74058.11   | 2.51    | ppb   |
| Terbium    | 159-1 |           |           |           | 108        |         | %     |
| Terbium    | 159-2 |           |           |           | 101        |         | %     |
| Thallium   | 203-1 | 0.15      | 0.14      | 0.15      | 0.15       | 1.58    | ppb   |
| Thallium   | 205-1 | 0.14      | 0.14      | 0.15      | 0.14       | 4.10    | ppb   |
| Tin        | 118-1 | 0.23      | 0.20      | 0.25      | 0.23       | 11.12   | ppb   |
| Titanium   | 47-1  | 1944.28   | 1894.11   | 1935.39   | 1924.59    | 1.39    | ppb   |
| Uranium    | 238-1 | 0.02      | 0.02      | 0.02      | 0.02       | 10.17   | ppb   |
| Vanadium   | 51-2  | 0.12      | 0.17      | 0.21      | 0.17       | 27.27   | ppb   |
| Yttrium    | 89-1  |           |           |           | 100        |         | %     |
| Yttrium    | 89-2  |           |           |           | 97         |         | %     |
| Zinc       | 66-2  | 11.91     | 11.72     | 11.68     | 11.77      | 1.03    | ppb   |
| Zirconium  | 90-1  | 0.20      | 0.18      | 0.17      | 0.18       | 9.82    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 12:41:47 | DataFile Name :   | 014ICSA.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.20    | 0.20    | 0.17    | 0.19       | 7.66    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 12:44:51 | DataFile Name :   | 015ICSB.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 90076.30  | 90282.13  | 89071.50 | 89809.98   | 0.72    | ppb   |
| Antimony   | 121-1 | 22.91     | 20.02     | 20.65    | 21.19      | 7.17    | ppb   |
| Arsenic    | 75-2  | 19.56     | 19.17     | 18.85    | 19.19      | 1.86    | ppb   |
| Barium     | 135-1 | 23.77     | 21.29     | 21.37    | 22.14      | 6.36    | ppb   |
| Barium     | 137-1 | 23.21     | 21.29     | 21.48    | 21.99      | 4.80    | ppb   |
| Beryllium  | 9-1   | 22.39     | 19.74     | 19.64    | 20.59      | 7.58    | ppb   |
| Bismuth    | 209-1 |           |           |          | 105        |         | %     |
| Bismuth    | 209-2 |           |           |          | 97         |         | %     |
| Boron      | 10-1  | 72.06     | 65.46     | 67.45    | 68.33      | 4.96    | ppb   |
| Boron      | 11-1  | 74.99     | 67.92     | 66.66    | 69.86      | 6.43    | ppb   |
| Cadmium    | 111-1 | 21.51     | 19.03     | 19.85    | 20.13      | 6.29    | ppb   |
| Cadmium    | 106-1 | 23.80     | 21.34     | 20.08    | 21.74      | 8.71    | ppb   |
| Cadmium    | 108-1 | 29.78     | 29.29     | 27.59    | 28.89      | 3.97    | ppb   |
| Calcium    | 43-1  | 106186.21 | 94520.23  | 95422.69 | 98709.71   | 6.58    | ppb   |
| Calcium    | 44-1  | 105698.63 | 93532.02  | 94480.31 | 97903.65   | 6.91    | ppb   |
| Chromium   | 52-2  | 38.72     | 39.57     | 38.49    | 38.93      | 1.46    | ppb   |
| Cobalt     | 59-2  | 21.14     | 21.13     | 20.89    | 21.05      | 0.66    | ppb   |
| Copper     | 63-2  | 27.74     | 27.59     | 27.87    | 27.74      | 0.51    | 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 |           |           |          | 101        |         | %     |
| Indium     | 115-1 |           |           |          | 98         |         | %     |
| Indium     | 115-2 |           |           |          | 95         |         | %     |
| Iron       | 56-2  | 98000.40  | 97841.38  | 96989.83 | 97610.53   | 0.56    | ppb   |
| Iron       | 57-2  | 99279.37  | 100109.38 | 98594.28 | 99327.68   | 0.76    | ppb   |
| Lead       | 206-1 | 27.82     | 24.59     | 24.43    | 25.61      | 7.46    | ppb   |
| Lead       | 207-1 | 24.98     | 22.48     | 22.33    | 23.26      | 6.39    | ppb   |
| Lead       | 208-1 | 26.36     | 23.54     | 23.38    | 24.43      | 6.85    | ppb   |
| Lithium    | 6-1   |           |           |          | 98         |         | %     |
| Magnesium  | 24-2  | 98233.62  | 98968.57  | 96693.02 | 97965.07   | 1.19    | ppb   |
| Manganese  | 55-2  | 27.78     | 26.61     | 27.19    | 27.19      | 2.15    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 12:44:51 | DataFile Name :   | 015ICSB.d |

| Parameter  | Mass  | ConRep1  | ConRep2   | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|-----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 694.37   | 617.14    | 621.39   | 644.30     | 6.74    | ppb   |
| Molybdenum | 95-1  | 2100.56  | 1871.46   | 1908.03  | 1960.02    | 6.28    | ppb   |
| Molybdenum | 96-1  | 1762.89  | 1589.34   | 1590.87  | 1647.70    | 6.05    | ppb   |
| Molybdenum | 97-1  | 2107.54  | 1892.72   | 1903.71  | 1967.99    | 6.15    | ppb   |
| Molybdenum | 98-1  | 2122.10  | 1903.61   | 1903.41  | 1976.37    | 6.39    | ppb   |
| Neodymium  | 150-1 |          |           |          |            |         | cps   |
| Neodymium  | 150-2 |          |           |          |            |         | cps   |
| Nickel     | 60-2  | 25.42    | 25.39     | 25.76    | 25.52      | 0.82    | ppb   |
| Phosphorus | 31-2  | 95569.98 | 96201.00  | 96812.98 | 96194.65   | 0.65    | ppb   |
| Potassium  | 39-2  | 99637.09 | 100220.30 | 99970.58 | 99942.66   | 0.29    | ppb   |
| Rhodium    | 103-1 |          |           |          | 95         |         | %     |
| Rhodium    | 103-2 |          |           |          | 97         |         | %     |
| Scandium   | 45-1  |          |           |          | 98         |         | %     |
| Scandium   | 45-2  |          |           |          | 98         |         | %     |
| Selenium   | 77-2  | 40.08    | 20.08     | 23.34    | 27.83      | 38.56   | ppb   |
| Selenium   | 78-2  | 20.81    | 16.85     | 16.78    | 18.15      | 12.72   | ppb   |
| Selenium   | 82-1  | 20.51    | 19.90     | 20.62    | 20.34      | 1.91    | ppb   |
| Silicon    | 28-1  | 114.09   | 84.24     | 86.79    | 95.04      | 17.41   | ppb   |
| Silver     | 109-1 | 21.17    | 18.27     | 18.95    | 19.46      | 7.79    | ppb   |
| Silver     | 107-1 | 21.13    | 18.42     | 18.96    | 19.50      | 7.36    | ppb   |
| Sodium     | 23-2  | 98481.46 | 98242.37  | 96145.20 | 97623.01   | 1.32    | ppb   |
| Strontium  | 86-1  | 91.12    | 80.53     | 82.42    | 84.69      | 6.68    | ppb   |
| Strontium  | 88-1  | 95.66    | 83.89     | 85.75    | 88.43      | 7.15    | ppb   |
| Sulfur     | 34-1  | 81304.05 | 71136.27  | 72849.71 | 75096.68   | 7.25    | ppb   |
| Terbium    | 159-1 |          |           |          | 105        |         | %     |
| Terbium    | 159-2 |          |           |          | 102        |         | %     |
| Thallium   | 203-1 | 22.02    | 20.11     | 20.11    | 20.75      | 5.31    | ppb   |
| Thallium   | 205-1 | 22.72    | 20.43     | 20.34    | 21.16      | 6.39    | ppb   |
| Tin        | 118-1 | 57.86    | 50.53     | 52.40    | 53.60      | 7.11    | ppb   |
| Titanium   | 47-1  | 2182.89  | 1919.46   | 1949.93  | 2017.43    | 7.14    | ppb   |
| Uranium    | 238-1 | 58.00    | 52.06     | 52.15    | 54.07      | 6.30    | ppb   |
| Vanadium   | 51-2  | 19.35    | 19.36     | 19.60    | 19.44      | 0.73    | ppb   |
| Yttrium    | 89-1  |          |           |          | 98         |         | %     |
| Yttrium    | 89-2  |          |           |          | 97         |         | %     |
| Zinc       | 66-2  | 30.52    | 32.30     | 30.49    | 31.10      | 3.33    | ppb   |
| Zirconium  | 90-1  | 57.03    | 51.10     | 51.57    | 53.23      | 6.19    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 12:44:51 | DataFile Name :   | 015ICSB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 56.08   | 49.44   | 50.28   | 51.94      | 6.96    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89660             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV040              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV040              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-22 12:47:56 | DataFile Name :   | 016CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 50587.69  | 48992.47  | 50241.45  | 49940.54   | 1.68    | ppb   |
| Antimony   | 121-1 | 514.56    | 508.36    | 504.58    | 509.17     | 0.99    | ppb   |
| Arsenic    | 75-2  | 495.13    | 498.29    | 497.50    | 496.97     | 0.33    | ppb   |
| Barium     | 135-1 | 2584.54   | 2546.86   | 2508.69   | 2546.70    | 1.49    | ppb   |
| Barium     | 137-1 | 2565.37   | 2519.55   | 2507.37   | 2530.76    | 1.21    | ppb   |
| Beryllium  | 9-1   | 530.05    | 518.50    | 510.90    | 519.82     | 1.86    | ppb   |
| Bismuth    | 209-1 |           |           |           | 107        |         | %     |
| Bismuth    | 209-2 |           |           |           | 98         |         | %     |
| Boron      | 10-1  | 535.49    | 526.76    | 520.46    | 527.57     | 1.43    | ppb   |
| Boron      | 11-1  | 519.18    | 513.78    | 515.03    | 516.00     | 0.55    | ppb   |
| Cadmium    | 111-1 | 492.53    | 487.58    | 483.11    | 487.74     | 0.97    | ppb   |
| Cadmium    | 106-1 | 493.47    | 494.69    | 494.43    | 494.19     | 0.13    | ppb   |
| Cadmium    | 108-1 | 504.44    | 501.85    | 504.40    | 503.56     | 0.30    | ppb   |
| Calcium    | 43-1  | 246872.38 | 245822.43 | 247639.48 | 246778.10  | 0.37    | ppb   |
| Calcium    | 44-1  | 246461.46 | 244722.18 | 246811.96 | 245998.53  | 0.45    | ppb   |
| Chromium   | 52-2  | 512.22    | 496.56    | 504.94    | 504.58     | 1.55    | ppb   |
| Cobalt     | 59-2  | 496.13    | 482.56    | 493.42    | 490.70     | 1.46    | ppb   |
| Copper     | 63-2  | 1003.01   | 966.35    | 972.24    | 980.53     | 2.01    | 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 |           |           |           | 108        |         | %     |
| Holmium    | 165-2 |           |           |           | 104        |         | %     |
| Indium     | 115-1 |           |           |           | 99         |         | %     |
| Indium     | 115-2 |           |           |           | 94         |         | %     |
| Iron       | 56-2  | 124384.75 | 121532.86 | 123286.95 | 123068.18  | 1.17    | ppb   |
| Iron       | 57-2  | 126688.62 | 121917.33 | 127002.10 | 125202.68  | 2.28    | ppb   |
| Lead       | 206-1 | 525.40    | 512.90    | 509.93    | 516.08     | 1.59    | ppb   |
| Lead       | 207-1 | 530.32    | 516.22    | 513.55    | 520.03     | 1.73    | ppb   |
| Lead       | 208-1 | 527.65    | 516.35    | 510.92    | 518.31     | 1.65    | ppb   |
| Lithium    | 6-1   |           |           |           | 98         |         | %     |
| Magnesium  | 24-2  | 249439.02 | 242353.36 | 246952.55 | 246248.31  | 1.46    | ppb   |
| Manganese  | 55-2  | 1014.95   | 992.25    | 1005.53   | 1004.24    | 1.14    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89660             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV040              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV040              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-22 12:47:56 | DataFile Name :   | 016CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 515.16    | 511.01    | 511.74    | 512.64     | 0.43    | ppb   |
| Molybdenum | 95-1  | 519.05    | 511.85    | 511.65    | 514.18     | 0.82    | ppb   |
| Molybdenum | 96-1  | 511.52    | 509.88    | 511.59    | 511.00     | 0.19    | ppb   |
| Molybdenum | 97-1  | 498.08    | 505.33    | 504.01    | 502.47     | 0.77    | ppb   |
| Molybdenum | 98-1  | 510.90    | 508.17    | 505.61    | 508.23     | 0.52    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 500.42    | 483.04    | 493.91    | 492.46     | 1.78    | ppb   |
| Phosphorus | 31-2  | 10379.59  | 10478.04  | 10575.37  | 10477.67   | 0.93    | ppb   |
| Potassium  | 39-2  | 130337.61 | 126342.74 | 129146.23 | 128608.86  | 1.59    | ppb   |
| Rhodium    | 103-1 |           |           |           | 95         |         | %     |
| Rhodium    | 103-2 |           |           |           | 96         |         | %     |
| Scandium   | 45-1  |           |           |           | 100        |         | %     |
| Scandium   | 45-2  |           |           |           | 100        |         | %     |
| Selenium   | 77-2  | 456.14    | 519.23    | 502.20    | 492.52     | 6.63    | ppb   |
| Selenium   | 78-2  | 504.81    | 489.55    | 524.53    | 506.30     | 3.46    | ppb   |
| Selenium   | 82-1  | 502.73    | 500.48    | 495.33    | 499.52     | 0.76    | ppb   |
| Silicon    | 28-1  | 539.45    | 544.37    | 542.65    | 542.16     | 0.46    | ppb   |
| Silver     | 109-1 | 503.53    | 496.83    | 498.26    | 499.54     | 0.71    | ppb   |
| Silver     | 107-1 | 502.74    | 498.06    | 499.03    | 499.94     | 0.49    | ppb   |
| Sodium     | 23-2  | 248627.26 | 242451.83 | 249672.66 | 246917.25  | 1.58    | ppb   |
| Strontium  | 86-1  | 523.21    | 520.52    | 518.20    | 520.64     | 0.48    | ppb   |
| Strontium  | 88-1  | 527.59    | 517.76    | 516.36    | 520.57     | 1.18    | ppb   |
| Sulfur     | 34-1  | 9649.18   | 9477.08   | 9798.21   | 9641.49    | 1.67    | ppb   |
| Terbium    | 159-1 |           |           |           | 108        |         | %     |
| Terbium    | 159-2 |           |           |           | 104        |         | %     |
| Thallium   | 203-1 | 526.36    | 517.48    | 514.35    | 519.40     | 1.20    | ppb   |
| Thallium   | 205-1 | 517.66    | 511.96    | 509.88    | 513.17     | 0.79    | ppb   |
| Tin        | 118-1 | 519.07    | 507.55    | 502.87    | 509.83     | 1.64    | ppb   |
| Titanium   | 47-1  | 510.46    | 501.88    | 507.66    | 506.67     | 0.86    | ppb   |
| Uranium    | 238-1 | 531.71    | 515.11    | 518.13    | 521.65     | 1.70    | ppb   |
| Vanadium   | 51-2  | 510.67    | 500.84    | 508.72    | 506.74     | 1.03    | ppb   |
| Yttrium    | 89-1  |           |           |           | 100        |         | %     |
| Yttrium    | 89-2  |           |           |           | 97         |         | %     |
| Zinc       | 66-2  | 993.39    | 967.47    | 980.22    | 980.36     | 1.32    | ppb   |
| Zirconium  | 90-1  | 506.74    | 503.58    | 504.42    | 504.91     | 0.32    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89660             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV040              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV040              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-22 12:47:56 | DataFile Name :   | 016CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 509.67  | 513.03  | 510.39  | 511.03     | 0.35    | ppb   |

LB Number : LB89660 Operator : Jaswal  
 Lab Sample ID : CCB040 Instrumnet Name : P8  
 Client Sample ID : CCB040 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-22 12:50:55 DataFile Name : 017CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -1.48   | 1.74    | -0.35   | -0.03      |         | ppb   |
| Antimony   | 121-1 | 0.32    | 0.30    | 0.29    | 0.31       | 4.63    | ppb   |
| Arsenic    | 75-2  | -0.03   | 0.00    | 0.00    | -0.01      |         | ppb   |
| Barium     | 135-1 | 0.02    | -0.01   | -0.01   | 0.00       |         | ppb   |
| Barium     | 137-1 | 0.02    | -0.01   | 0.01    | 0.00       | 361.67  | ppb   |
| Beryllium  | 9-1   | 0.15    | 0.11    | 0.13    | 0.13       | 17.68   | ppb   |
| Bismuth    | 209-1 |         |         |         | 110        |         | %     |
| Bismuth    | 209-2 |         |         |         | 104        |         | %     |
| Boron      | 10-1  | 19.46   | 19.31   | 16.46   | 18.41      | 9.18    | ppb   |
| Boron      | 11-1  | 20.54   | 17.31   | 16.34   | 18.07      | 12.18   | ppb   |
| Cadmium    | 111-1 | -0.07   | -0.08   | -0.07   | -0.07      |         | ppb   |
| Cadmium    | 106-1 | -1.24   | -1.35   | -1.36   | -1.32      |         | ppb   |
| Cadmium    | 108-1 | -0.02   | -0.08   | -0.11   | -0.07      |         | ppb   |
| Calcium    | 43-1  | 4.01    | -15.90  | -6.74   | -6.21      |         | ppb   |
| Calcium    | 44-1  | 14.79   | 0.94    | 7.46    | 7.73       | 89.67   | ppb   |
| Chromium   | 52-2  | -0.15   | -0.16   | -0.15   | -0.15      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.07    | 0.06    | 0.01    | 0.05       | 70.90   | 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 |         |         |         | 104        |         | %     |
| Indium     | 115-1 |         |         |         | 102        |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Iron       | 56-2  | 1.43    | 2.22    | 1.84    | 1.83       | 21.53   | ppb   |
| Iron       | 57-2  | 2.85    | 0.83    | 1.29    | 1.66       | 63.63   | ppb   |
| Lead       | 206-1 | 0.03    | 0.06    | 0.05    | 0.05       | 28.54   | ppb   |
| Lead       | 207-1 | 0.06    | 0.05    | 0.04    | 0.05       | 23.21   | ppb   |
| Lead       | 208-1 | 0.05    | 0.05    | 0.05    | 0.05       | 3.40    | ppb   |
| Lithium    | 6-1   |         |         |         | 100        |         | %     |
| Magnesium  | 24-2  | 2.49    | 0.29    | 2.98    | 1.92       | 74.67   | ppb   |
| Manganese  | 55-2  | -0.03   | 0.01    | -0.07   | -0.03      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB040              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB040              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 12:50:55 | DataFile Name :   | 017CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.05    | 0.03    | 0.05    | 0.04       | 17.57   | ppb   |
| Molybdenum | 95-1  | 0.13    | 0.09    | 0.09    | 0.10       | 22.92   | ppb   |
| Molybdenum | 96-1  | 0.10    | 0.05    | 0.09    | 0.08       | 35.42   | ppb   |
| Molybdenum | 97-1  | 0.14    | 0.09    | 0.08    | 0.10       | 28.54   | ppb   |
| Molybdenum | 98-1  | 0.08    | 0.09    | 0.07    | 0.08       | 15.72   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.01   | -0.05   | -0.10   | -0.05      |         | ppb   |
| Phosphorus | 31-2  | 2.70    | 16.94   | 2.76    | 7.47       | 109.83  | ppb   |
| Potassium  | 39-2  | 40.94   | 49.19   | 30.75   | 40.29      | 22.92   | ppb   |
| Rhodium    | 103-1 |         |         |         | 101        |         | %     |
| Rhodium    | 103-2 |         |         |         | 104        |         | %     |
| 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  | -0.92   | 0.75    | -1.48   | -0.55      |         | ppb   |
| Selenium   | 82-1  | -0.88   | 0.06    | 0.12    | -0.23      |         | ppb   |
| Silicon    | 28-1  | -0.99   | -13.13  | -16.11  | -10.08     |         | ppb   |
| Silver     | 109-1 | 0.04    | 0.04    | 0.04    | 0.04       | 5.69    | ppb   |
| Silver     | 107-1 | 0.05    | 0.04    | 0.04    | 0.04       | 9.78    | ppb   |
| Sodium     | 23-2  | 111.04  | 111.55  | 110.69  | 111.09     | 0.39    | ppb   |
| Strontium  | 86-1  | 0.02    | 0.07    | 0.02    | 0.04       | 86.28   | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | 254.67  | ppb   |
| Sulfur     | 34-1  | 224.35  | -752.93 | -784.40 | -437.66    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 106        |         | %     |
| Terbium    | 159-2 |         |         |         | 104        |         | %     |
| Thallium   | 203-1 | 0.12    | 0.11    | 0.10    | 0.11       | 10.71   | ppb   |
| Thallium   | 205-1 | 0.12    | 0.08    | 0.09    | 0.10       | 20.60   | ppb   |
| Tin        | 118-1 | 0.12    | 0.08    | 0.10    | 0.10       | 21.15   | ppb   |
| Titanium   | 47-1  | 0.08    | 0.07    | 0.05    | 0.07       | 23.51   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 161.47  | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         | 101        |         | %     |
| Yttrium    | 89-2  |         |         |         | 99         |         | %     |
| Zinc       | 66-2  | -0.17   | -0.08   | 0.11    | -0.05      |         | ppb   |
| Zirconium  | 90-1  | 0.05    | 0.03    | 0.03    | 0.04       | 30.85   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB040              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB040              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 12:50:55 | DataFile Name :   | 017CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.04    | 0.04    | 0.03       | 25.80   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 12:54:04 | DataFile Name :   | 018SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 22.99   | 21.86   | 10.25   | 18.37      | 38.37   | ppb   |
| Antimony   | 121-1 | 1.86    | 1.92    | 1.91    | 1.90       | 1.68    | ppb   |
| Arsenic    | 75-2  | 0.78    | 0.91    | 1.04    | 0.91       | 13.94   | ppb   |
| Barium     | 135-1 | 8.88    | 8.72    | 8.62    | 8.74       | 1.54    | ppb   |
| Barium     | 137-1 | 8.89    | 9.13    | 8.83    | 8.95       | 1.79    | ppb   |
| Beryllium  | 9-1   | 1.01    | 0.96    | 0.89    | 0.95       | 6.58    | ppb   |
| Bismuth    | 209-1 |         |         |         | 110        |         | %     |
| Bismuth    | 209-2 |         |         |         | 101        |         | %     |
| Boron      | 10-1  | 32.33   | 33.21   | 31.95   | 32.50      | 2.00    | ppb   |
| Boron      | 11-1  | 29.80   | 30.98   | 30.44   | 30.41      | 1.95    | ppb   |
| Cadmium    | 111-1 | 0.79    | 0.79    | 0.79    | 0.79       | 0.42    | ppb   |
| Cadmium    | 106-1 | -1.55   | -0.50   | -0.54   | -0.86      |         | ppb   |
| Cadmium    | 108-1 | 1.38    | 0.84    | 1.13    | 1.12       | 23.90   | ppb   |
| Calcium    | 43-1  | 432.79  | 432.13  | 430.40  | 431.78     | 0.29    | ppb   |
| Calcium    | 44-1  | 440.46  | 443.04  | 446.10  | 443.20     | 0.64    | ppb   |
| Chromium   | 52-2  | 1.90    | 1.84    | 2.00    | 1.92       | 4.18    | ppb   |
| Cobalt     | 59-2  | 0.80    | 0.93    | 0.98    | 0.90       | 10.55   | ppb   |
| Copper     | 63-2  | 2.11    | 2.14    | 2.11    | 2.12       | 0.85    | 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 |         |         |         | 108        |         | %     |
| Holmium    | 165-2 |         |         |         | 102        |         | %     |
| Indium     | 115-1 |         |         |         | 103        |         | %     |
| Indium     | 115-2 |         |         |         | 98         |         | %     |
| Iron       | 56-2  | 46.67   | 46.34   | 48.97   | 47.33      | 3.03    | ppb   |
| Iron       | 57-2  | 47.46   | 45.54   | 52.49   | 48.50      | 7.40    | ppb   |
| Lead       | 206-1 | 1.05    | 1.05    | 1.03    | 1.04       | 1.18    | ppb   |
| Lead       | 207-1 | 0.98    | 0.97    | 0.97    | 0.97       | 0.36    | ppb   |
| Lead       | 208-1 | 1.02    | 1.03    | 0.99    | 1.02       | 2.06    | ppb   |
| Lithium    | 6-1   |         |         |         | 101        |         | %     |
| Magnesium  | 24-2  | 423.95  | 463.61  | 477.76  | 455.11     | 6.13    | ppb   |
| Manganese  | 55-2  | 1.18    | 1.02    | 1.26    | 1.15       | 10.32   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 12:54:04 | DataFile Name :   | 018SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 1.94    | 1.95    | 1.96    | 1.95       | 0.60    | ppb   |
| Molybdenum | 95-1  | 4.33    | 4.27    | 4.41    | 4.34       | 1.58    | ppb   |
| Molybdenum | 96-1  | 3.67    | 3.84    | 3.77    | 3.76       | 2.28    | ppb   |
| Molybdenum | 97-1  | 4.59    | 4.48    | 4.16    | 4.41       | 5.05    | ppb   |
| Molybdenum | 98-1  | 4.26    | 4.42    | 4.35    | 4.34       | 1.79    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.97    | 0.94    | 1.00    | 0.97       | 2.96    | ppb   |
| Phosphorus | 31-2  | 2.66    | -12.19  | 18.91   | 3.13       | 497.28  | ppb   |
| Potassium  | 39-2  | 471.02  | 482.69  | 522.54  | 492.09     | 5.49    | ppb   |
| Rhodium    | 103-1 |         |         |         | 103        |         | %     |
| Rhodium    | 103-2 |         |         |         | 102        |         | %     |
| Scandium   | 45-1  |         |         |         | 101        |         | %     |
| Scandium   | 45-2  |         |         |         | 99         |         | %     |
| Selenium   | 77-2  | 9.78    | 6.56    | 10.22   | 8.85       | 22.59   | ppb   |
| Selenium   | 78-2  | 2.43    | 3.57    | 2.02    | 2.67       | 30.09   | ppb   |
| Selenium   | 82-1  | 4.87    | 4.63    | 3.77    | 4.42       | 13.03   | ppb   |
| Silicon    | 28-1  | -3.01   | -3.79   | -5.31   | -4.04      |         | ppb   |
| Silver     | 109-1 | 1.27    | 1.29    | 1.27    | 1.28       | 1.13    | ppb   |
| Silver     | 107-1 | 1.27    | 1.29    | 1.27    | 1.28       | 1.06    | ppb   |
| Sodium     | 23-2  | 527.38  | 518.93  | 564.20  | 536.84     | 4.48    | ppb   |
| Strontium  | 86-1  | 0.92    | 0.94    | 0.94    | 0.93       | 1.12    | ppb   |
| Strontium  | 88-1  | 0.94    | 0.90    | 0.93    | 0.93       | 2.09    | ppb   |
| Sulfur     | 34-1  | -672.74 | -530.06 | -496.39 | -566.40    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 108        |         | %     |
| Terbium    | 159-2 |         |         |         | 102        |         | %     |
| Thallium   | 203-1 | 0.92    | 0.99    | 0.91    | 0.94       | 4.41    | ppb   |
| Thallium   | 205-1 | 0.98    | 0.97    | 0.93    | 0.96       | 2.40    | ppb   |
| Tin        | 118-1 | 4.60    | 4.55    | 4.38    | 4.51       | 2.51    | ppb   |
| Titanium   | 47-1  | 4.37    | 4.19    | 4.37    | 4.31       | 2.49    | ppb   |
| Uranium    | 238-1 | 0.88    | 0.87    | 0.88    | 0.88       | 0.58    | ppb   |
| Vanadium   | 51-2  | 4.54    | 4.49    | 4.67    | 4.57       | 1.98    | ppb   |
| Yttrium    | 89-1  |         |         |         | 102        |         | %     |
| Yttrium    | 89-2  |         |         |         | 98         |         | %     |
| Zinc       | 66-2  | 1.98    | 1.66    | 2.21    | 1.95       | 14.32   | ppb   |
| Zirconium  | 90-1  | 0.91    | 0.97    | 0.90    | 0.93       | 4.11    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 12:54:04 | DataFile Name :   | 018SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.99    | 0.94    | 0.89    | 0.94       | 5.10    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101593BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBW007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 13:07:40 | DataFile Name :   | 019CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.94    | 1.99    | -1.57   | 0.45       | 402.74  | ppb   |
| Antimony   | 121-1 | 0.02    | 0.03    | 0.04    | 0.03       | 34.29   | ppb   |
| Arsenic    | 75-2  | 0.01    | 0.00    | -0.01   | 0.00       | 703.52  | ppb   |
| Barium     | 135-1 | -0.03   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Barium     | 137-1 | 0.01    | 0.01    | 0.01    | 0.01       | 13.73   | ppb   |
| Beryllium  | 9-1   | 0.03    | 0.00    | 0.08    | 0.04       | 111.29  | ppb   |
| Bismuth    | 209-1 |         |         |         | 113        |         | %     |
| Bismuth    | 209-2 |         |         |         | 101        |         | %     |
| Boron      | 10-1  | 4.48    | 4.19    | 4.51    | 4.39       | 4.02    | ppb   |
| Boron      | 11-1  | 4.94    | 4.80    | 4.59    | 4.77       | 3.68    | ppb   |
| Cadmium    | 111-1 | -0.06   | -0.05   | -0.16   | -0.09      |         | ppb   |
| Cadmium    | 106-1 | -1.01   | -0.78   | -2.23   | -1.34      |         | ppb   |
| Cadmium    | 108-1 | -0.11   | -0.13   | -0.03   | -0.09      |         | ppb   |
| Calcium    | 43-1  | -5.59   | 7.39    | -10.20  | -2.80      |         | ppb   |
| Calcium    | 44-1  | -5.33   | -8.13   | -6.12   | -6.53      |         | ppb   |
| Chromium   | 52-2  | 0.00    | -0.02   | -0.14   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | 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 |         |         |         | 109        |         | %     |
| Holmium    | 165-2 |         |         |         | 102        |         | %     |
| Indium     | 115-1 |         |         |         | 105        |         | %     |
| Indium     | 115-2 |         |         |         | 99         |         | %     |
| Iron       | 56-2  | 0.42    | 0.41    | 0.27    | 0.37       | 22.81   | ppb   |
| Iron       | 57-2  | 1.51    | 0.10    | 1.65    | 1.09       | 78.56   | ppb   |
| Lead       | 206-1 | 0.01    | 0.00    | 0.02    | 0.01       | 51.06   | ppb   |
| Lead       | 207-1 | 0.00    | 0.02    | 0.02    | 0.01       | 101.73  | ppb   |
| Lead       | 208-1 | 0.01    | 0.01    | 0.02    | 0.02       | 25.76   | ppb   |
| Lithium    | 6-1   |         |         |         | 103        |         | %     |
| Magnesium  | 24-2  | 3.02    | 5.48    | 3.56    | 4.02       | 32.22   | ppb   |
| Manganese  | 55-2  | 0.01    | -0.01   | 0.03    | 0.01       | 234.41  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101593BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBW007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 13:07:40 | DataFile Name :   | 019CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | -0.01   | 0.00    | 0.00       | 359.74  | ppb   |
| Molybdenum | 95-1  | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.00    | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | 0.01    | 0.00    | 0.06    | 0.03       | 118.72  | ppb   |
| Molybdenum | 98-1  | 0.01    | 0.01    | -0.01   | 0.00       | 286.91  | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.02    | -0.02   | -0.09   | -0.03      |         | ppb   |
| Phosphorus | 31-2  | 3.34    | -12.19  | 2.12    | -2.24      |         | ppb   |
| Potassium  | 39-2  | 20.61   | 7.58    | -4.55   | 7.88       | 159.65  | ppb   |
| Rhodium    | 103-1 |         |         |         | 105        |         | %     |
| Rhodium    | 103-2 |         |         |         | 101        |         | %     |
| Scandium   | 45-1  |         |         |         | 104        |         | %     |
| Scandium   | 45-2  |         |         |         | 99         |         | %     |
| Selenium   | 77-2  | 0.00    | 3.35    | 0.00    | 1.12       | 173.21  | ppb   |
| Selenium   | 78-2  | 2.02    | -0.91   | -1.48   | -0.12      |         | ppb   |
| Selenium   | 82-1  | 0.35    | -0.93   | 0.78    | 0.07       | 1287.95 | ppb   |
| Silicon    | 28-1  | -21.31  | -19.46  | -20.10  | -20.29     |         | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.02    | 0.01       | 40.72   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 20.36   | ppb   |
| Sodium     | 23-2  | 38.27   | 33.11   | 26.71   | 32.69      | 17.70   | ppb   |
| Strontium  | 86-1  | -0.01   | 0.00    | -0.02   | -0.01      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | 71.73   | ppb   |
| Sulfur     | 34-1  | -660.70 | -488.32 | -533.56 | -560.86    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 108        |         | %     |
| Terbium    | 159-2 |         |         |         | 102        |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.01    | 0.01       | 50.77   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 27.58   | ppb   |
| Tin        | 118-1 | 0.08    | 0.14    | 0.11    | 0.11       | 23.89   | ppb   |
| Titanium   | 47-1  | -0.04   | 0.01    | 0.00    | -0.01      |         | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         | 105        |         | %     |
| Yttrium    | 89-2  |         |         |         | 98         |         | %     |
| Zinc       | 66-2  | 0.10    | 0.13    | 0.14    | 0.13       | 16.43   | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.01    | 0.01    | 0.01       | 21.10   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101593BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBW007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 13:07:40 | DataFile Name :   | 019CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.01    | 0.03    | 0.02    | 0.02       | 49.97   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101593BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 13:10:49 | DataFile Name :   | 020LCSE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 42.24   | 29.25   | 31.56   | 34.35      | 20.18   | ppb   |
| Antimony   | 121-1 | 3.91    | 3.86    | 3.89    | 3.89       | 0.61    | ppb   |
| Arsenic    | 75-2  | 1.79    | 2.19    | 1.91    | 1.97       | 10.45   | ppb   |
| Barium     | 135-1 | 18.57   | 18.50   | 19.21   | 18.76      | 2.08    | ppb   |
| Barium     | 137-1 | 18.68   | 18.76   | 18.77   | 18.74      | 0.28    | ppb   |
| Beryllium  | 9-1   | 2.04    | 1.93    | 1.99    | 1.98       | 2.76    | ppb   |
| Bismuth    | 209-1 |         |         |         | 110        |         | %     |
| Bismuth    | 209-2 |         |         |         | 105        |         | %     |
| Boron      | 10-1  | 46.02   | 50.35   | 47.12   | 47.83      | 4.71    | ppb   |
| Boron      | 11-1  | 45.94   | 46.58   | 47.26   | 46.59      | 1.42    | ppb   |
| Cadmium    | 111-1 | 1.82    | 1.87    | 1.75    | 1.81       | 3.39    | ppb   |
| Cadmium    | 106-1 | 0.70    | 0.23    | -0.55   | 0.12       | 507.45  | ppb   |
| Cadmium    | 108-1 | 2.09    | 2.17    | 1.42    | 1.89       | 21.93   | ppb   |
| Calcium    | 43-1  | 917.91  | 942.56  | 901.63  | 920.70     | 2.24    | ppb   |
| Calcium    | 44-1  | 916.51  | 929.31  | 915.31  | 920.38     | 0.84    | ppb   |
| Chromium   | 52-2  | 3.99    | 4.24    | 3.45    | 3.89       | 10.39   | ppb   |
| Cobalt     | 59-2  | 1.89    | 2.18    | 1.89    | 1.98       | 8.46    | ppb   |
| Copper     | 63-2  | 4.00    | 4.47    | 3.88    | 4.12       | 7.62    | 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 |         |         |         | 109        |         | %     |
| Holmium    | 165-2 |         |         |         | 106        |         | %     |
| Indium     | 115-1 |         |         |         | 105        |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Iron       | 56-2  | 385.37  | 415.31  | 369.23  | 389.97     | 5.99    | ppb   |
| Iron       | 57-2  | 373.15  | 407.77  | 375.83  | 385.58     | 4.99    | ppb   |
| Lead       | 206-1 | 2.31    | 2.28    | 2.17    | 2.26       | 3.21    | ppb   |
| Lead       | 207-1 | 2.19    | 2.18    | 2.15    | 2.18       | 1.09    | ppb   |
| Lead       | 208-1 | 2.24    | 2.21    | 2.17    | 2.21       | 1.40    | ppb   |
| Lithium    | 6-1   |         |         |         | 103        |         | %     |
| Magnesium  | 24-2  | 949.22  | 972.56  | 878.03  | 933.27     | 5.28    | ppb   |
| Manganese  | 55-2  | 1.96    | 2.42    | 1.62    | 2.00       | 20.15   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101593BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 13:10:49 | DataFile Name :   | 020LCSE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 4.09    | 4.08    | 3.93    | 4.04       | 2.30    | ppb   |
| Molybdenum | 95-1  | 8.91    | 9.20    | 8.88    | 9.00       | 2.00    | ppb   |
| Molybdenum | 96-1  | 7.64    | 7.90    | 7.92    | 7.82       | 2.00    | ppb   |
| Molybdenum | 97-1  | 8.98    | 9.16    | 9.16    | 9.10       | 1.15    | ppb   |
| Molybdenum | 98-1  | 9.02    | 9.03    | 8.89    | 8.98       | 0.87    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 2.05    | 2.02    | 2.16    | 2.08       | 3.57    | ppb   |
| Phosphorus | 31-2  | -12.19  | 2.99    | 29.38   | 6.73       | 312.74  | ppb   |
| Potassium  | 39-2  | 971.66  | 1047.83 | 932.21  | 983.90     | 5.97    | ppb   |
| Rhodium    | 103-1 |         |         |         | 105        |         | %     |
| Rhodium    | 103-2 |         |         |         | 106        |         | %     |
| Scandium   | 45-1  |         |         |         | 104        |         | %     |
| Scandium   | 45-2  |         |         |         | 103        |         | %     |
| Selenium   | 77-2  | 15.60   | 6.60    | 6.08    | 9.43       | 56.79   | ppb   |
| Selenium   | 78-2  | 10.80   | 9.25    | 8.92    | 9.66       | 10.41   | ppb   |
| Selenium   | 82-1  | 9.57    | 9.94    | 9.71    | 9.74       | 1.90    | ppb   |
| Silicon    | 28-1  | 4.34    | 4.22    | 0.52    | 3.03       | 71.63   | ppb   |
| Silver     | 109-1 | 1.97    | 2.05    | 2.12    | 2.04       | 3.69    | ppb   |
| Silver     | 107-1 | 2.01    | 2.04    | 2.09    | 2.04       | 1.91    | ppb   |
| Sodium     | 23-2  | 962.34  | 1040.42 | 927.44  | 976.74     | 5.92    | ppb   |
| Strontium  | 86-1  | 1.82    | 2.04    | 1.88    | 1.91       | 5.85    | ppb   |
| Strontium  | 88-1  | 1.94    | 1.94    | 1.95    | 1.94       | 0.33    | ppb   |
| Sulfur     | 34-1  | -300.27 | -491.22 | -513.55 | -435.01    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 108        |         | %     |
| Terbium    | 159-2 |         |         |         | 106        |         | %     |
| Thallium   | 203-1 | 1.96    | 1.89    | 1.86    | 1.90       | 2.67    | ppb   |
| Thallium   | 205-1 | 1.95    | 1.92    | 1.91    | 1.93       | 1.25    | ppb   |
| Tin        | 118-1 | 9.64    | 9.56    | 9.51    | 9.57       | 0.69    | ppb   |
| Titanium   | 47-1  | 9.60    | 9.01    | 8.85    | 9.16       | 4.31    | ppb   |
| Uranium    | 238-1 | 1.89    | 1.83    | 1.82    | 1.84       | 2.00    | ppb   |
| Vanadium   | 51-2  | 9.67    | 10.41   | 9.37    | 9.82       | 5.41    | ppb   |
| Yttrium    | 89-1  |         |         |         | 104        |         | %     |
| Yttrium    | 89-2  |         |         |         | 103        |         | %     |
| Zinc       | 66-2  | 3.70    | 4.80    | 3.90    | 4.13       | 14.16   | ppb   |
| Zirconium  | 90-1  | 1.84    | 1.82    | 1.76    | 1.81       | 2.11    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101593BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 13:10:49 | DataFile Name :   | 020LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.82    | 1.77    | 1.73    | 1.77       | 2.62    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 13:15:16 | DataFile Name :   | 021SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -1.71   | -2.68   | -3.71   | -2.70      |         | ppb   |
| Antimony   | 121-1 | 0.02    | 0.02    | 0.01    | 0.02       | 17.34   | ppb   |
| Arsenic    | 75-2  | 0.00    | -0.02   | -0.02   | -0.01      |         | ppb   |
| Barium     | 135-1 | 0.01    | -0.01   | -0.02   | 0.00       |         | ppb   |
| Barium     | 137-1 | -0.01   | 0.01    | 0.02    | 0.01       | 188.59  | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.01    | -0.04   | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         | 119        |         | %     |
| Bismuth    | 209-2 |         |         |         | 113        |         | %     |
| Boron      | 10-1  | 5.07    | 4.88    | 4.93    | 4.96       | 2.01    | ppb   |
| Boron      | 11-1  | 4.70    | 4.68    | 4.40    | 4.59       | 3.62    | ppb   |
| Cadmium    | 111-1 | -0.12   | -0.14   | -0.14   | -0.14      |         | ppb   |
| Cadmium    | 106-1 | -1.79   | -2.04   | -2.07   | -1.96      |         | ppb   |
| Cadmium    | 108-1 | -0.08   | -0.08   | -0.08   | -0.08      |         | ppb   |
| Calcium    | 43-1  | -1.96   | -5.25   | -6.15   | -4.46      |         | ppb   |
| Calcium    | 44-1  | -12.37  | -10.16  | -7.13   | -9.89      |         | ppb   |
| Chromium   | 52-2  | -0.35   | -0.37   | -0.40   | -0.37      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | 0.06    | 0.03    | 0.05    | 0.04       | 27.08   | 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 |         |         |         | 117        |         | %     |
| Holmium    | 165-2 |         |         |         | 112        |         | %     |
| Indium     | 115-1 |         |         |         | 113        |         | %     |
| Indium     | 115-2 |         |         |         | 110        |         | %     |
| Iron       | 56-2  | -0.06   | 0.15    | 0.06    | 0.05       | 222.63  | ppb   |
| Iron       | 57-2  | -0.16   | -0.34   | 0.11    | -0.13      |         | ppb   |
| Lead       | 206-1 | 0.07    | 0.04    | 0.05    | 0.05       | 30.21   | ppb   |
| Lead       | 207-1 | 0.05    | 0.06    | 0.07    | 0.06       | 21.56   | ppb   |
| Lead       | 208-1 | 0.06    | 0.06    | 0.06    | 0.06       | 3.13    | ppb   |
| Lithium    | 6-1   |         |         |         | 111        |         | %     |
| Magnesium  | 24-2  | 1.79    | 1.31    | 1.15    | 1.42       | 23.63   | ppb   |
| Manganese  | 55-2  | 0.06    | -0.01   | -0.03   | 0.01       | 668.50  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 13:15:16 | DataFile Name :   | 021SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01     | 0.00     | -0.01    | 0.00       |         | ppb   |
| Molybdenum | 95-1  | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Molybdenum | 96-1  | -0.01    | -0.01    | -0.02    | -0.01      |         | ppb   |
| Molybdenum | 97-1  | 0.00     | 0.02     | 0.01     | 0.01       | 141.70  | ppb   |
| Molybdenum | 98-1  | -0.01    | 0.00     | 0.01     | 0.00       | 1225.21 | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | -0.05    | -0.08    | -0.09    | -0.07      |         | ppb   |
| Phosphorus | 31-2  | -12.19   | 1.52     | -12.19   | -7.62      |         | ppb   |
| Potassium  | 39-2  | -15.89   | -18.25   | -14.33   | -16.16     |         | ppb   |
| Rhodium    | 103-1 |          |          |          | 113        |         | %     |
| Rhodium    | 103-2 |          |          |          | 112        |         | %     |
| Scandium   | 45-1  |          |          |          | 112        |         | %     |
| Scandium   | 45-2  |          |          |          | 110        |         | %     |
| Selenium   | 77-2  | 2.96     | 0.00     | 2.99     | 1.98       | 86.61   | ppb   |
| Selenium   | 78-2  | 1.56     | 0.05     | -1.48    | 0.05       | 3358.66 | ppb   |
| Selenium   | 82-1  | 0.16     | 0.38     | 0.44     | 0.33       | 45.08   | ppb   |
| Silicon    | 28-1  | -27.06   | -26.17   | -26.82   | -26.68     |         | ppb   |
| Silver     | 109-1 | 0.03     | 0.03     | 0.02     | 0.03       | 18.56   | ppb   |
| Silver     | 107-1 | 0.03     | 0.03     | 0.02     | 0.03       | 19.61   | ppb   |
| Sodium     | 23-2  | 20.76    | 19.57    | 20.98    | 20.43      | 3.71    | ppb   |
| Strontium  | 86-1  | -0.04    | -0.01    | -0.01    | -0.02      |         | ppb   |
| Strontium  | 88-1  | 0.01     | 0.01     | 0.01     | 0.01       | 12.59   | ppb   |
| Sulfur     | 34-1  | -1534.68 | -1425.08 | -1366.07 | -1441.94   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 116        |         | %     |
| Terbium    | 159-2 |          |          |          | 113        |         | %     |
| Thallium   | 203-1 | 0.01     | 0.00     | 0.02     | 0.01       | 73.15   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 18.72   | ppb   |
| Tin        | 118-1 | -0.15    | -0.14    | -0.13    | -0.14      |         | ppb   |
| Titanium   | 47-1  | -0.02    | 0.06     | 0.05     | 0.03       | 139.00  | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | -0.01    | -0.01    | 0.00     | -0.01      |         | ppb   |
| Yttrium    | 89-1  |          |          |          | 112        |         | %     |
| Yttrium    | 89-2  |          |          |          | 109        |         | %     |
| Zinc       | 66-2  | 46.03    | 47.07    | 45.64    | 46.25      | 1.60    | ppb   |
| Zirconium  | 90-1  | 0.01     | 0.01     | 0.00     | 0.01       | 40.96   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 13:15:16 | DataFile Name :   | 021SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.00    | 0.00    | 0.00       | 298.45  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 13:18:25 | DataFile Name :   | 022SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 503.26   | 534.02   | 482.04   | 506.44     | 5.16    | ppb   |
| Antimony   | 121-1 | 0.77     | 0.77     | 0.76     | 0.76       | 0.62    | ppb   |
| Arsenic    | 75-2  | 2.80     | 2.90     | 2.96     | 2.89       | 2.73    | ppb   |
| Barium     | 135-1 | 112.77   | 111.49   | 108.74   | 111.00     | 1.86    | ppb   |
| Barium     | 137-1 | 111.81   | 111.67   | 109.97   | 111.15     | 0.92    | ppb   |
| Beryllium  | 9-1   | 0.10     | 0.10     | 0.12     | 0.11       | 11.81   | ppb   |
| Bismuth    | 209-1 |          |          |          | 112        |         | %     |
| Bismuth    | 209-2 |          |          |          | 106        |         | %     |
| Boron      | 10-1  | 55.83    | 61.02    | 61.41    | 59.42      | 5.24    | ppb   |
| Boron      | 11-1  | 58.33    | 59.51    | 60.47    | 59.44      | 1.80    | ppb   |
| Cadmium    | 111-1 | -0.03    | -0.01    | 0.11     | 0.02       | 320.68  | ppb   |
| Cadmium    | 106-1 | -1.47    | -1.49    | -0.25    | -1.07      |         | ppb   |
| Cadmium    | 108-1 | 0.19     | 0.12     | 0.14     | 0.15       | 25.75   | ppb   |
| Calcium    | 43-1  | 68592.49 | 70063.54 | 68446.84 | 69034.29   | 1.30    | ppb   |
| Calcium    | 44-1  | 68602.53 | 68730.77 | 67827.25 | 68386.85   | 0.71    | ppb   |
| Chromium   | 52-2  | 1.96     | 1.97     | 2.03     | 1.99       | 1.94    | ppb   |
| Cobalt     | 59-2  | 0.70     | 0.73     | 0.76     | 0.73       | 3.56    | ppb   |
| Copper     | 63-2  | 11.97    | 12.27    | 12.18    | 12.14      | 1.28    | 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 |          |          |          | 111        |         | %     |
| Indium     | 115-1 |          |          |          | 111        |         | %     |
| Indium     | 115-2 |          |          |          | 107        |         | %     |
| Iron       | 56-2  | 2443.75  | 2424.00  | 2473.86  | 2447.20    | 1.03    | ppb   |
| Iron       | 57-2  | 2322.70  | 2385.74  | 2409.66  | 2372.70    | 1.89    | ppb   |
| Lead       | 206-1 | 4.11     | 4.10     | 4.15     | 4.12       | 0.76    | ppb   |
| Lead       | 207-1 | 3.68     | 3.73     | 3.72     | 3.71       | 0.73    | ppb   |
| Lead       | 208-1 | 3.89     | 3.93     | 3.87     | 3.89       | 0.86    | ppb   |
| Lithium    | 6-1   |          |          |          | 113        |         | %     |
| Magnesium  | 24-2  | 17724.73 | 17651.19 | 17883.83 | 17753.25   | 0.67    | ppb   |
| Manganese  | 55-2  | 173.26   | 173.92   | 174.55   | 173.91     | 0.37    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 13:18:25 | DataFile Name :   | 022SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.73      | 1.85      | 1.79      | 1.79       | 3.47    | ppb   |
| Molybdenum | 95-1  | 3.50      | 3.52      | 3.53      | 3.52       | 0.46    | ppb   |
| Molybdenum | 96-1  | 3.04      | 3.09      | 2.94      | 3.02       | 2.60    | ppb   |
| Molybdenum | 97-1  | 3.51      | 3.76      | 3.49      | 3.59       | 4.13    | ppb   |
| Molybdenum | 98-1  | 3.48      | 3.56      | 3.47      | 3.50       | 1.32    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 3.08      | 3.32      | 3.08      | 3.16       | 4.33    | ppb   |
| Phosphorus | 31-2  | 149.70    | 97.06     | 84.05     | 110.27     | 31.53   | ppb   |
| Potassium  | 39-2  | 6511.66   | 6609.33   | 6613.89   | 6578.29    | 0.88    | ppb   |
| Rhodium    | 103-1 |           |           |           | 108        |         | %     |
| Rhodium    | 103-2 |           |           |           | 108        |         | %     |
| Scandium   | 45-1  |           |           |           | 112        |         | %     |
| Scandium   | 45-2  |           |           |           | 109        |         | %     |
| Selenium   | 77-2  | 0.00      | 5.99      | 9.04      | 5.01       | 91.80   | ppb   |
| Selenium   | 78-2  | 2.11      | 2.10      | 0.07      | 1.43       | 82.40   | ppb   |
| Selenium   | 82-1  | 1.30      | 0.79      | 0.62      | 0.90       | 39.16   | ppb   |
| Silicon    | 28-1  | 3898.08   | 3899.54   | 3869.96   | 3889.19    | 0.43    | ppb   |
| Silver     | 109-1 | 0.22      | 0.29      | 0.29      | 0.27       | 14.10   | ppb   |
| Silver     | 107-1 | 0.23      | 0.29      | 0.29      | 0.27       | 12.21   | ppb   |
| Sodium     | 23-2  | 134623.60 | 135099.27 | 134021.52 | 134581.46  | 0.40    | ppb   |
| Strontium  | 86-1  | 169.09    | 169.57    | 167.90    | 168.86     | 0.51    | ppb   |
| Strontium  | 88-1  | 177.61    | 173.52    | 172.05    | 174.39     | 1.65    | ppb   |
| Sulfur     | 34-1  | 8808.70   | 9087.54   | 8766.82   | 8887.69    | 1.96    | ppb   |
| Terbium    | 159-1 |           |           |           | 114        |         | %     |
| Terbium    | 159-2 |           |           |           | 111        |         | %     |
| Thallium   | 203-1 | 0.09      | 0.10      | 0.11      | 0.10       | 10.50   | ppb   |
| Thallium   | 205-1 | 0.08      | 0.12      | 0.12      | 0.11       | 20.13   | ppb   |
| Tin        | 118-1 | 0.07      | 0.08      | 0.08      | 0.08       | 8.62    | ppb   |
| Titanium   | 47-1  | 10.81     | 10.90     | 10.92     | 10.88      | 0.54    | ppb   |
| Uranium    | 238-1 | 0.42      | 0.43      | 0.45      | 0.43       | 3.93    | ppb   |
| Vanadium   | 51-2  | 3.40      | 3.30      | 3.42      | 3.37       | 1.82    | ppb   |
| Yttrium    | 89-1  |           |           |           | 112        |         | %     |
| Yttrium    | 89-2  |           |           |           | 108        |         | %     |
| Zinc       | 66-2  | 112.22    | 113.67    | 116.37    | 114.09     | 1.85    | ppb   |
| Zirconium  | 90-1  | 1.06      | 1.06      | 1.03      | 1.05       | 1.83    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 13:18:25 | DataFile Name :   | 022SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.08    | 1.08    | 1.06    | 1.07       | 1.40    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 13:21:32 | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 514.94   | 478.35   | 534.10   | 509.13     | 5.56    | ppb   |
| Antimony   | 121-1 | 0.77     | 0.76     | 0.71     | 0.75       | 4.70    | ppb   |
| Arsenic    | 75-2  | 2.60     | 2.76     | 2.70     | 2.69       | 3.03    | ppb   |
| Barium     | 135-1 | 113.92   | 110.18   | 110.91   | 111.67     | 1.77    | ppb   |
| Barium     | 137-1 | 113.85   | 109.94   | 110.63   | 111.47     | 1.87    | ppb   |
| Beryllium  | 9-1   | 0.13     | 0.08     | 0.09     | 0.10       | 27.82   | ppb   |
| Bismuth    | 209-1 |          |          |          | 113        |         | %     |
| Bismuth    | 209-2 |          |          |          | 106        |         | %     |
| Boron      | 10-1  | 62.85    | 56.80    | 58.42    | 59.36      | 5.28    | ppb   |
| Boron      | 11-1  | 58.02    | 58.83    | 58.98    | 58.61      | 0.88    | ppb   |
| Cadmium    | 111-1 | 0.06     | 0.04     | -0.03    | 0.02       | 229.47  | ppb   |
| Cadmium    | 106-1 | -0.94    | -0.90    | -2.19    | -1.34      |         | ppb   |
| Cadmium    | 108-1 | 0.30     | 0.19     | 0.12     | 0.20       | 45.36   | ppb   |
| Calcium    | 43-1  | 70204.63 | 69003.63 | 69031.78 | 69413.35   | 0.99    | ppb   |
| Calcium    | 44-1  | 69000.46 | 67769.65 | 68024.43 | 68264.85   | 0.95    | ppb   |
| Chromium   | 52-2  | 1.85     | 1.85     | 2.06     | 1.92       | 6.12    | ppb   |
| Cobalt     | 59-2  | 0.78     | 0.77     | 0.78     | 0.78       | 1.01    | ppb   |
| Copper     | 63-2  | 12.26    | 12.05    | 12.01    | 12.11      | 1.10    | 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 |          |          |          | 110        |         | %     |
| Indium     | 115-1 |          |          |          | 111        |         | %     |
| Indium     | 115-2 |          |          |          | 106        |         | %     |
| Iron       | 56-2  | 2443.66  | 2424.54  | 2418.22  | 2428.80    | 0.55    | ppb   |
| Iron       | 57-2  | 2417.69  | 2409.95  | 2371.57  | 2399.74    | 1.03    | ppb   |
| Lead       | 206-1 | 4.10     | 3.96     | 3.91     | 3.99       | 2.51    | ppb   |
| Lead       | 207-1 | 3.65     | 3.61     | 3.60     | 3.62       | 0.76    | ppb   |
| Lead       | 208-1 | 3.86     | 3.84     | 3.84     | 3.85       | 0.29    | ppb   |
| Lithium    | 6-1   |          |          |          | 113        |         | %     |
| Magnesium  | 24-2  | 17572.45 | 17604.32 | 17605.06 | 17593.94   | 0.11    | ppb   |
| Manganese  | 55-2  | 172.17   | 172.41   | 173.83   | 172.80     | 0.52    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 13:21:32 | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.76      | 1.89      | 1.88      | 1.84       | 3.95    | ppb   |
| Molybdenum | 95-1  | 3.44      | 3.46      | 3.64      | 3.51       | 3.14    | ppb   |
| Molybdenum | 96-1  | 3.14      | 3.24      | 3.16      | 3.18       | 1.69    | ppb   |
| Molybdenum | 97-1  | 3.64      | 3.45      | 3.57      | 3.55       | 2.66    | ppb   |
| Molybdenum | 98-1  | 3.49      | 3.47      | 3.46      | 3.47       | 0.46    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 3.06      | 3.07      | 2.96      | 3.03       | 2.04    | ppb   |
| Phosphorus | 31-2  | 55.47     | 84.34     | 42.23     | 60.68      | 35.49   | ppb   |
| Potassium  | 39-2  | 6571.59   | 6506.52   | 6436.73   | 6504.95    | 1.04    | ppb   |
| Rhodium    | 103-1 |           |           |           | 108        |         | %     |
| Rhodium    | 103-2 |           |           |           | 107        |         | %     |
| Scandium   | 45-1  |           |           |           | 112        |         | %     |
| Scandium   | 45-2  |           |           |           | 109        |         | %     |
| Selenium   | 77-2  | 6.04      | 0.00      | 12.10     | 6.04       | 100.06  | ppb   |
| Selenium   | 78-2  | 2.65      | 0.61      | 0.59      | 1.29       | 92.00   | ppb   |
| Selenium   | 82-1  | 0.76      | 0.71      | 1.10      | 0.86       | 25.19   | ppb   |
| Silicon    | 28-1  | 3909.80   | 3838.53   | 3930.74   | 3893.02    | 1.24    | ppb   |
| Silver     | 109-1 | 0.26      | 0.21      | 0.25      | 0.24       | 11.66   | ppb   |
| Silver     | 107-1 | 0.25      | 0.22      | 0.24      | 0.23       | 5.64    | ppb   |
| Sodium     | 23-2  | 134089.49 | 135318.22 | 133640.15 | 134349.29  | 0.65    | ppb   |
| Strontium  | 86-1  | 171.31    | 168.33    | 170.87    | 170.17     | 0.95    | ppb   |
| Strontium  | 88-1  | 175.01    | 173.19    | 174.89    | 174.36     | 0.58    | ppb   |
| Sulfur     | 34-1  | 8623.21   | 8332.38   | 8315.49   | 8423.69    | 2.05    | ppb   |
| Terbium    | 159-1 |           |           |           | 114        |         | %     |
| Terbium    | 159-2 |           |           |           | 111        |         | %     |
| Thallium   | 203-1 | 0.04      | 0.04      | 0.04      | 0.04       | 9.27    | ppb   |
| Thallium   | 205-1 | 0.05      | 0.04      | 0.04      | 0.04       | 5.74    | ppb   |
| Tin        | 118-1 | 0.06      | 0.08      | 0.07      | 0.07       | 16.61   | ppb   |
| Titanium   | 47-1  | 11.58     | 11.11     | 11.55     | 11.41      | 2.28    | ppb   |
| Uranium    | 238-1 | 0.45      | 0.42      | 0.46      | 0.44       | 4.92    | ppb   |
| Vanadium   | 51-2  | 3.44      | 3.50      | 3.23      | 3.39       | 4.11    | ppb   |
| Yttrium    | 89-1  |           |           |           | 111        |         | %     |
| Yttrium    | 89-2  |           |           |           | 107        |         | %     |
| Zinc       | 66-2  | 113.12    | 112.73    | 114.24    | 113.36     | 0.69    | ppb   |
| Zirconium  | 90-1  | 1.07      | 1.02      | 1.03      | 1.04       | 2.46    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 13:21:32 | DataFile Name :   | 023SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.01    | 1.05    | 1.31    | 1.12       | 14.65   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-01LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2017-08-22 13:24:41 | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 107.63   | 83.58    | 101.83   | 97.68      | 12.85   | ppb   |
| Antimony   | 121-1 | 0.14     | 0.16     | 0.14     | 0.15       | 7.73    | ppb   |
| Arsenic    | 75-2  | 0.55     | 0.58     | 0.53     | 0.55       | 4.61    | ppb   |
| Barium     | 135-1 | 21.44    | 21.82    | 21.55    | 21.60      | 0.89    | ppb   |
| Barium     | 137-1 | 21.62    | 21.58    | 21.48    | 21.56      | 0.34    | ppb   |
| Beryllium  | 9-1   | 0.01     | 0.04     | 0.02     | 0.02       | 81.94   | ppb   |
| Bismuth    | 209-1 |          |          |          | 110        |         | %     |
| Bismuth    | 209-2 |          |          |          | 104        |         | %     |
| Boron      | 10-1  | 15.91    | 15.21    | 15.91    | 15.68      | 2.59    | ppb   |
| Boron      | 11-1  | 16.10    | 15.31    | 14.74    | 15.38      | 4.42    | ppb   |
| Cadmium    | 111-1 | -0.10    | 0.01     | -0.14    | -0.08      |         | ppb   |
| Cadmium    | 106-1 | -1.68    | -0.52    | -2.19    | -1.46      |         | ppb   |
| Cadmium    | 108-1 | 0.00     | -0.13    | -0.05    | -0.06      |         | ppb   |
| Calcium    | 43-1  | 13079.43 | 13159.19 | 13172.01 | 13136.88   | 0.38    | ppb   |
| Calcium    | 44-1  | 13370.52 | 13378.01 | 13234.79 | 13327.78   | 0.60    | ppb   |
| Chromium   | 52-2  | 0.27     | 0.37     | 1.63     | 0.76       | 99.84   | ppb   |
| Cobalt     | 59-2  | 0.11     | 0.14     | 0.14     | 0.13       | 12.11   | ppb   |
| Copper     | 63-2  | 2.55     | 2.62     | 2.46     | 2.54       | 3.13    | 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 |          |          |          | 110        |         | %     |
| Holmium    | 165-2 |          |          |          | 106        |         | %     |
| Indium     | 115-1 |          |          |          | 106        |         | %     |
| Indium     | 115-2 |          |          |          | 102        |         | %     |
| Iron       | 56-2  | 473.89   | 472.54   | 476.42   | 474.28     | 0.42    | ppb   |
| Iron       | 57-2  | 473.12   | 482.26   | 481.49   | 478.95     | 1.06    | ppb   |
| Lead       | 206-1 | 0.77     | 0.79     | 0.85     | 0.80       | 5.06    | ppb   |
| Lead       | 207-1 | 0.70     | 0.70     | 0.67     | 0.69       | 2.38    | ppb   |
| Lead       | 208-1 | 0.75     | 0.72     | 0.76     | 0.74       | 2.28    | ppb   |
| Lithium    | 6-1   |          |          |          | 106        |         | %     |
| Magnesium  | 24-2  | 3466.45  | 3505.03  | 3455.42  | 3475.63    | 0.75    | ppb   |
| Manganese  | 55-2  | 33.83    | 35.67    | 34.00    | 34.50      | 2.96    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-01LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2017-08-22 13:24:41 | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.30     | 0.33     | 0.35     | 0.33       | 7.00    | ppb   |
| Molybdenum | 95-1  | 0.63     | 0.78     | 0.69     | 0.70       | 10.33   | ppb   |
| Molybdenum | 96-1  | 0.61     | 0.53     | 0.59     | 0.58       | 7.41    | ppb   |
| Molybdenum | 97-1  | 0.70     | 0.67     | 0.80     | 0.72       | 9.30    | ppb   |
| Molybdenum | 98-1  | 0.71     | 0.70     | 0.65     | 0.69       | 4.94    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.71     | 0.78     | 0.52     | 0.67       | 19.97   | ppb   |
| Phosphorus | 31-2  | 2.24     | 31.54    | 16.89    | 16.89      | 86.72   | ppb   |
| Potassium  | 39-2  | 1303.27  | 1294.93  | 1291.52  | 1296.57    | 0.47    | ppb   |
| Rhodium    | 103-1 |          |          |          | 104        |         | %     |
| Rhodium    | 103-2 |          |          |          | 105        |         | %     |
| Scandium   | 45-1  |          |          |          | 105        |         | %     |
| Scandium   | 45-2  |          |          |          | 102        |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 3.20     | 1.07       | 173.21  | ppb   |
| Selenium   | 78-2  | -0.39    | 0.16     | -0.38    | -0.21      |         | ppb   |
| Selenium   | 82-1  | 0.24     | -0.50    | -0.04    | -0.10      |         | ppb   |
| Silicon    | 28-1  | 747.91   | 755.62   | 749.66   | 751.06     | 0.54    | ppb   |
| Silver     | 109-1 | 0.06     | 0.07     | 0.07     | 0.07       | 12.65   | ppb   |
| Silver     | 107-1 | 0.07     | 0.08     | 0.08     | 0.08       | 2.93    | ppb   |
| Sodium     | 23-2  | 26427.59 | 26758.81 | 26630.68 | 26605.70   | 0.63    | ppb   |
| Strontium  | 86-1  | 33.61    | 33.28    | 33.51    | 33.47      | 0.50    | ppb   |
| Strontium  | 88-1  | 33.41    | 33.94    | 34.31    | 33.89      | 1.35    | ppb   |
| Sulfur     | 34-1  | 1100.19  | 1162.65  | 1057.31  | 1106.71    | 4.79    | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 106        |         | %     |
| Thallium   | 203-1 | 0.00     | 0.01     | 0.01     | 0.01       | 132.56  | ppb   |
| Thallium   | 205-1 | 0.01     | 0.00     | 0.01     | 0.00       | 19.91   | ppb   |
| Tin        | 118-1 | 0.09     | 0.10     | 0.11     | 0.10       | 10.70   | ppb   |
| Titanium   | 47-1  | 2.58     | 2.83     | 2.26     | 2.56       | 11.11   | ppb   |
| Uranium    | 238-1 | 0.08     | 0.08     | 0.08     | 0.08       | 1.20    | ppb   |
| Vanadium   | 51-2  | 0.67     | 0.68     | 0.56     | 0.64       | 10.39   | ppb   |
| Yttrium    | 89-1  |          |          |          | 105        |         | %     |
| Yttrium    | 89-2  |          |          |          | 101        |         | %     |
| Zinc       | 66-2  | 22.40    | 23.52    | 21.70    | 22.54      | 4.06    | ppb   |
| Zirconium  | 90-1  | 0.23     | 0.19     | 0.21     | 0.21       | 9.80    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-01LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2017-08-22 13:24:41 | DataFile Name :   | 024SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.20    | 0.20    | 0.20    | 0.20       | 0.66    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 13:27:49 | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 2520.26  | 2660.22  | 2571.43  | 2583.97    | 2.74    | ppb   |
| Antimony   | 121-1 | 103.75   | 103.59   | 103.77   | 103.70     | 0.09    | ppb   |
| Arsenic    | 75-2  | 43.47    | 45.16    | 44.36    | 44.33      | 1.91    | ppb   |
| Barium     | 135-1 | 2223.08  | 2217.84  | 2213.15  | 2218.02    | 0.22    | ppb   |
| Barium     | 137-1 | 2200.75  | 2187.83  | 2198.25  | 2195.61    | 0.31    | ppb   |
| Beryllium  | 9-1   | 50.94    | 51.70    | 51.93    | 51.52      | 1.01    | ppb   |
| Bismuth    | 209-1 |          |          |          | 111        |         | %     |
| Bismuth    | 209-2 |          |          |          | 102        |         | %     |
| Boron      | 10-1  | 51.37    | 54.97    | 57.01    | 54.45      | 5.24    | ppb   |
| Boron      | 11-1  | 54.64    | 57.34    | 55.30    | 55.76      | 2.53    | ppb   |
| Cadmium    | 111-1 | 52.18    | 52.01    | 51.78    | 51.99      | 0.39    | ppb   |
| Cadmium    | 106-1 | 46.24    | 43.69    | 45.71    | 45.21      | 2.97    | ppb   |
| Cadmium    | 108-1 | 49.90    | 47.78    | 50.10    | 49.26      | 2.60    | ppb   |
| Calcium    | 43-1  | 67518.57 | 67876.51 | 67157.43 | 67517.50   | 0.53    | ppb   |
| Calcium    | 44-1  | 67137.64 | 66531.36 | 65451.74 | 66373.58   | 1.29    | ppb   |
| Chromium   | 52-2  | 217.65   | 230.67   | 217.34   | 221.89     | 3.43    | ppb   |
| Cobalt     | 59-2  | 535.99   | 565.01   | 541.29   | 547.43     | 2.82    | ppb   |
| Copper     | 63-2  | 283.27   | 298.46   | 285.44   | 289.06     | 2.84    | 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 |          |          |          | 113        |         | %     |
| Holmium    | 165-2 |          |          |          | 105        |         | %     |
| Indium     | 115-1 |          |          |          | 110        |         | %     |
| Indium     | 115-2 |          |          |          | 102        |         | %     |
| Iron       | 56-2  | 3455.20  | 3638.55  | 3500.59  | 3531.45    | 2.70    | ppb   |
| Iron       | 57-2  | 3404.60  | 3632.77  | 3383.72  | 3473.70    | 3.98    | ppb   |
| Lead       | 206-1 | 24.65    | 24.94    | 24.95    | 24.85      | 0.68    | ppb   |
| Lead       | 207-1 | 23.71    | 23.90    | 24.06    | 23.89      | 0.74    | ppb   |
| Lead       | 208-1 | 24.39    | 24.45    | 24.64    | 24.49      | 0.52    | ppb   |
| Lithium    | 6-1   |          |          |          | 114        |         | %     |
| Magnesium  | 24-2  | 17548.94 | 18421.67 | 17640.02 | 17870.21   | 2.68    | ppb   |
| Manganese  | 55-2  | 708.18   | 751.94   | 714.52   | 724.88     | 3.26    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 13:27:49 | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 1.76      | 1.74      | 1.74      | 1.75       | 0.62    | ppb   |
| Molybdenum | 95-1  | 3.43      | 3.34      | 3.47      | 3.41       | 1.86    | ppb   |
| Molybdenum | 96-1  | 2.93      | 3.15      | 3.06      | 3.05       | 3.62    | ppb   |
| Molybdenum | 97-1  | 3.47      | 3.45      | 3.48      | 3.46       | 0.49    | ppb   |
| Molybdenum | 98-1  | 3.47      | 3.49      | 3.31      | 3.42       | 2.92    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 547.34    | 572.73    | 544.50    | 554.86     | 2.80    | ppb   |
| Phosphorus | 31-2  | 114.86    | 166.84    | 73.72     | 118.47     | 39.39   | ppb   |
| Potassium  | 39-2  | 6581.56   | 6768.99   | 6476.04   | 6608.86    | 2.24    | ppb   |
| Rhodium    | 103-1 |           |           |           | 106        |         | %     |
| Rhodium    | 103-2 |           |           |           | 102        |         | %     |
| Scandium   | 45-1  |           |           |           | 110        |         | %     |
| Scandium   | 45-2  |           |           |           | 103        |         | %     |
| Selenium   | 77-2  | 129.02    | 90.91     | 113.41    | 111.11     | 17.24   | ppb   |
| Selenium   | 78-2  | 114.71    | 112.98    | 120.90    | 116.20     | 3.59    | ppb   |
| Selenium   | 82-1  | 104.18    | 105.10    | 104.13    | 104.47     | 0.52    | ppb   |
| Silicon    | 28-1  | 3799.59   | 3773.05   | 3734.13   | 3768.93    | 0.87    | ppb   |
| Silver     | 109-1 | 48.53     | 48.58     | 49.04     | 48.72      | 0.58    | ppb   |
| Silver     | 107-1 | 48.52     | 48.66     | 48.90     | 48.69      | 0.40    | ppb   |
| Sodium     | 23-2  | 133231.04 | 141023.56 | 133391.51 | 135882.04  | 3.28    | ppb   |
| Strontium  | 86-1  | 163.15    | 165.14    | 163.76    | 164.02     | 0.62    | ppb   |
| Strontium  | 88-1  | 168.59    | 169.56    | 167.34    | 168.50     | 0.66    | ppb   |
| Sulfur     | 34-1  | 8297.89   | 8288.26   | 8015.17   | 8200.44    | 1.96    | ppb   |
| Terbium    | 159-1 |           |           |           | 113        |         | %     |
| Terbium    | 159-2 |           |           |           | 106        |         | %     |
| Thallium   | 203-1 | 52.04     | 51.32     | 52.91     | 52.09      | 1.53    | ppb   |
| Thallium   | 205-1 | 53.11     | 52.62     | 53.31     | 53.01      | 0.67    | ppb   |
| Tin        | 118-1 | 0.07      | 0.10      | 0.10      | 0.09       | 19.16   | ppb   |
| Titanium   | 47-1  | 10.13     | 10.20     | 10.53     | 10.29      | 2.06    | ppb   |
| Uranium    | 238-1 | 0.43      | 0.45      | 0.46      | 0.45       | 2.92    | ppb   |
| Vanadium   | 51-2  | 538.92    | 570.18    | 543.64    | 550.91     | 3.06    | ppb   |
| Yttrium    | 89-1  |           |           |           | 110        |         | %     |
| Yttrium    | 89-2  |           |           |           | 103        |         | %     |
| Zinc       | 66-2  | 642.26    | 676.34    | 637.82    | 652.14     | 3.23    | ppb   |
| Zirconium  | 90-1  | 0.96      | 0.96      | 0.90      | 0.94       | 3.54    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 13:27:49 | DataFile Name :   | 025SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.95    | 0.98    | 0.95    | 0.96       | 1.68    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-01DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-22 13:30:57 | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 23.02   | 22.02   | 31.77   | 25.60      | 20.95   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.04    | 0.05    | 0.05       | 9.94    | ppb   |
| Arsenic    | 75-2  | 0.04    | 0.08    | 0.20    | 0.11       | 78.09   | ppb   |
| Barium     | 135-1 | 5.63    | 5.65    | 5.60    | 5.63       | 0.50    | ppb   |
| Barium     | 137-1 | 5.67    | 5.62    | 5.57    | 5.62       | 0.88    | ppb   |
| Beryllium  | 9-1   | 0.03    | 0.00    | 0.05    | 0.03       | 92.23   | ppb   |
| Bismuth    | 209-1 |         |         |         | 110        |         | %     |
| Bismuth    | 209-2 |         |         |         | 102        |         | %     |
| Boron      | 10-1  | 7.89    | 6.89    | 7.96    | 7.58       | 7.88    | ppb   |
| Boron      | 11-1  | 7.26    | 7.55    | 7.43    | 7.41       | 1.97    | ppb   |
| Cadmium    | 111-1 | -0.11   | -0.15   | -0.10   | -0.12      |         | ppb   |
| Cadmium    | 106-1 | -1.70   | -2.27   | -1.57   | -1.85      |         | ppb   |
| Cadmium    | 108-1 | -0.05   | -0.03   | 0.00    | -0.03      |         | ppb   |
| Calcium    | 43-1  | 3437.43 | 3437.54 | 3404.07 | 3426.35    | 0.56    | ppb   |
| Calcium    | 44-1  | 3549.33 | 3526.25 | 3511.99 | 3529.19    | 0.53    | ppb   |
| Chromium   | 52-2  | 0.09    | 0.03    | 0.05    | 0.06       | 61.17   | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.02    | 0.03    | 0.02       | 18.57   | ppb   |
| Copper     | 63-2  | 0.70    | 0.64    | 0.66    | 0.66       | 4.88    | 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 |         |         |         | 108        |         | %     |
| Holmium    | 165-2 |         |         |         | 103        |         | %     |
| Indium     | 115-1 |         |         |         | 104        |         | %     |
| Indium     | 115-2 |         |         |         | 99         |         | %     |
| Iron       | 56-2  | 123.82  | 130.42  | 122.77  | 125.67     | 3.30    | ppb   |
| Iron       | 57-2  | 130.30  | 128.11  | 123.11  | 127.17     | 2.90    | ppb   |
| Lead       | 206-1 | 0.18    | 0.20    | 0.18    | 0.18       | 6.85    | ppb   |
| Lead       | 207-1 | 0.18    | 0.18    | 0.16    | 0.17       | 6.13    | ppb   |
| Lead       | 208-1 | 0.19    | 0.20    | 0.19    | 0.19       | 2.79    | ppb   |
| Lithium    | 6-1   |         |         |         | 104        |         | %     |
| Magnesium  | 24-2  | 883.70  | 951.07  | 879.25  | 904.67     | 4.45    | ppb   |
| Manganese  | 55-2  | 9.07    | 8.95    | 8.71    | 8.91       | 2.08    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-01DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-22 13:30:57 | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.09    | 0.08    | 0.08    | 0.09       | 7.39    | ppb   |
| Molybdenum | 95-1  | 0.14    | 0.21    | 0.16    | 0.17       | 20.10   | ppb   |
| Molybdenum | 96-1  | 0.10    | 0.13    | 0.14    | 0.12       | 16.81   | ppb   |
| Molybdenum | 97-1  | 0.17    | 0.20    | 0.22    | 0.20       | 11.43   | ppb   |
| Molybdenum | 98-1  | 0.17    | 0.16    | 0.17    | 0.17       | 3.96    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.10    | 0.14    | 0.15    | 0.13       | 20.08   | ppb   |
| Phosphorus | 31-2  | -12.19  | 3.43    | -12.19  | -6.98      |         | ppb   |
| Potassium  | 39-2  | 342.78  | 364.62  | 321.33  | 342.91     | 6.31    | ppb   |
| Rhodium    | 103-1 |         |         |         | 103        |         | %     |
| Rhodium    | 103-2 |         |         |         | 103        |         | %     |
| Scandium   | 45-1  |         |         |         | 103        |         | %     |
| Scandium   | 45-2  |         |         |         | 99         |         | %     |
| Selenium   | 77-2  | 3.26    | 0.00    | 0.00    | 1.09       | 173.21  | ppb   |
| Selenium   | 78-2  | 0.20    | -0.31   | -0.37   | -0.16      |         | ppb   |
| Selenium   | 82-1  | 0.82    | -0.90   | -0.03   | -0.04      |         | ppb   |
| Silicon    | 28-1  | 185.42  | 185.14  | 190.04  | 186.87     | 1.47    | ppb   |
| Silver     | 109-1 | 0.06    | 0.05    | 0.05    | 0.06       | 8.37    | ppb   |
| Silver     | 107-1 | 0.05    | 0.05    | 0.05    | 0.05       | 2.19    | ppb   |
| Sodium     | 23-2  | 6806.29 | 7178.05 | 6768.92 | 6917.76    | 3.27    | ppb   |
| Strontium  | 86-1  | 8.92    | 8.72    | 8.53    | 8.72       | 2.21    | ppb   |
| Strontium  | 88-1  | 8.84    | 8.77    | 8.61    | 8.74       | 1.35    | ppb   |
| Sulfur     | 34-1  | -540.97 | -446.29 | -666.30 | -551.19    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 108        |         | %     |
| Terbium    | 159-2 |         |         |         | 103        |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Tin        | 118-1 | 0.09    | 0.10    | 0.06    | 0.08       | 20.10   | ppb   |
| Titanium   | 47-1  | 0.60    | 0.49    | 0.61    | 0.56       | 11.90   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.02    | 0.02       | 31.89   | ppb   |
| Vanadium   | 51-2  | 0.17    | 0.17    | 0.25    | 0.20       | 23.41   | ppb   |
| Yttrium    | 89-1  |         |         |         | 103        |         | %     |
| Yttrium    | 89-2  |         |         |         | 98         |         | %     |
| Zinc       | 66-2  | 6.16    | 6.66    | 5.69    | 6.17       | 7.91    | ppb   |
| Zirconium  | 90-1  | 0.06    | 0.04    | 0.06    | 0.05       | 16.42   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-01DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-22 13:30:57 | DataFile Name :   | 026SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.07    | 0.04    | 0.05       | 29.97   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-03DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2D             | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-22 13:34:24 | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 24.80   | 25.74   | 16.58   | 22.37      | 22.54   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.04    | 0.06    | 0.04       | 21.91   | ppb   |
| Arsenic    | 75-2  | 0.10    | 0.16    | 0.16    | 0.14       | 22.28   | ppb   |
| Barium     | 135-1 | 5.82    | 5.67    | 5.48    | 5.66       | 3.01    | ppb   |
| Barium     | 137-1 | 5.66    | 5.76    | 5.66    | 5.69       | 0.98    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.01   | 0.03    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         | 111        |         | %     |
| Bismuth    | 209-2 |         |         |         | 106        |         | %     |
| Boron      | 10-1  | 5.58    | 5.80    | 5.60    | 5.66       | 2.14    | ppb   |
| Boron      | 11-1  | 6.27    | 6.07    | 5.74    | 6.03       | 4.40    | ppb   |
| Cadmium    | 111-1 | -0.06   | -0.11   | -0.18   | -0.12      |         | ppb   |
| Cadmium    | 106-1 | -0.84   | -1.87   | -2.57   | -1.76      |         | ppb   |
| Cadmium    | 108-1 | -0.08   | -0.05   | 0.00    | -0.05      |         | ppb   |
| Calcium    | 43-1  | 3579.61 | 3491.31 | 3402.08 | 3491.00    | 2.54    | ppb   |
| Calcium    | 44-1  | 3564.96 | 3550.25 | 3551.89 | 3555.70    | 0.23    | ppb   |
| Chromium   | 52-2  | 0.04    | -0.04   | 0.00    | 0.00       |         | ppb   |
| Cobalt     | 59-2  | 0.03    | 0.02    | 0.02    | 0.02       | 25.09   | ppb   |
| Copper     | 63-2  | 0.63    | 0.68    | 0.60    | 0.64       | 6.11    | 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 |         |         |         | 109        |         | %     |
| Holmium    | 165-2 |         |         |         | 106        |         | %     |
| Indium     | 115-1 |         |         |         | 105        |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Iron       | 56-2  | 123.59  | 122.58  | 122.25  | 122.81     | 0.57    | ppb   |
| Iron       | 57-2  | 119.53  | 123.84  | 111.15  | 118.18     | 5.46    | ppb   |
| Lead       | 206-1 | 0.17    | 0.22    | 0.20    | 0.20       | 12.11   | ppb   |
| Lead       | 207-1 | 0.20    | 0.18    | 0.21    | 0.19       | 8.57    | ppb   |
| Lead       | 208-1 | 0.20    | 0.19    | 0.20    | 0.20       | 2.44    | ppb   |
| Lithium    | 6-1   |         |         |         | 105        |         | %     |
| Magnesium  | 24-2  | 896.29  | 919.59  | 887.41  | 901.10     | 1.84    | ppb   |
| Manganese  | 55-2  | 9.19    | 9.34    | 8.67    | 9.07       | 3.91    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-03DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2D             | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-22 13:34:24 | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.10    | 0.08    | 0.10    | 0.09       | 12.15   | ppb   |
| Molybdenum | 95-1  | 0.16    | 0.18    | 0.21    | 0.18       | 14.88   | ppb   |
| Molybdenum | 96-1  | 0.14    | 0.15    | 0.13    | 0.14       | 4.45    | ppb   |
| Molybdenum | 97-1  | 0.23    | 0.22    | 0.19    | 0.21       | 7.87    | ppb   |
| Molybdenum | 98-1  | 0.17    | 0.21    | 0.17    | 0.18       | 12.53   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.13    | 0.12    | 0.17    | 0.14       | 19.75   | ppb   |
| Phosphorus | 31-2  | 2.45    | 16.96   | -12.19  | 2.41       | 605.22  | ppb   |
| Potassium  | 39-2  | 341.58  | 338.65  | 314.17  | 331.47     | 4.54    | ppb   |
| Rhodium    | 103-1 |         |         |         | 104        |         | %     |
| Rhodium    | 103-2 |         |         |         | 105        |         | %     |
| Scandium   | 45-1  |         |         |         | 104        |         | %     |
| Scandium   | 45-2  |         |         |         | 103        |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.94   | -0.39   | 0.69    | -0.21      |         | ppb   |
| Selenium   | 82-1  | -0.55   | -0.06   | 0.54    | -0.02      |         | ppb   |
| Silicon    | 28-1  | 187.48  | 177.86  | 181.05  | 182.13     | 2.69    | ppb   |
| Silver     | 109-1 | 0.02    | 0.03    | 0.04    | 0.03       | 24.53   | ppb   |
| Silver     | 107-1 | 0.03    | 0.03    | 0.03    | 0.03       | 12.28   | ppb   |
| Sodium     | 23-2  | 6833.39 | 6816.68 | 6715.09 | 6788.39    | 0.94    | ppb   |
| Strontium  | 86-1  | 8.63    | 8.46    | 8.48    | 8.52       | 1.07    | ppb   |
| Strontium  | 88-1  | 8.78    | 8.75    | 8.74    | 8.76       | 0.26    | ppb   |
| Sulfur     | 34-1  | -249.28 | -468.21 | -464.59 | -394.03    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 108        |         | %     |
| Terbium    | 159-2 |         |         |         | 107        |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Tin        | 118-1 | 0.09    | 0.09    | 0.06    | 0.08       | 16.37   | ppb   |
| Titanium   | 47-1  | 0.42    | 0.60    | 0.55    | 0.52       | 17.76   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.02    | 0.02    | 0.02       | 23.08   | ppb   |
| Vanadium   | 51-2  | 0.18    | 0.19    | 0.14    | 0.17       | 15.59   | ppb   |
| Yttrium    | 89-1  |         |         |         | 104        |         | %     |
| Yttrium    | 89-2  |         |         |         | 102        |         | %     |
| Zinc       | 66-2  | 6.11    | 6.10    | 5.50    | 5.90       | 5.91    | ppb   |
| Zirconium  | 90-1  | 0.04    | 0.04    | 0.05    | 0.04       | 8.75    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-03DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2D             | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-22 13:34:24 | DataFile Name :   | 027SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.03    | 0.08    | 0.05       | 63.99   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-01LDLX100     | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2L             | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-08-22 13:37:33 | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.33    | 7.40    | 4.19    | 5.64       | 28.80   | ppb   |
| Antimony   | 121-1 | 0.02    | 0.02    | 0.02    | 0.02       | 26.34   | ppb   |
| Arsenic    | 75-2  | 0.02    | -0.03   | 0.00    | 0.00       |         | ppb   |
| Barium     | 135-1 | 1.22    | 1.10    | 1.00    | 1.10       | 9.84    | ppb   |
| Barium     | 137-1 | 1.20    | 1.20    | 1.22    | 1.21       | 0.97    | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.00    | 0.02    | 0.01       | 82.85   | ppb   |
| Bismuth    | 209-1 |         |         |         | 110        |         | %     |
| Bismuth    | 209-2 |         |         |         | 104        |         | %     |
| Boron      | 10-1  | 3.29    | 3.03    | 3.34    | 3.22       | 5.14    | ppb   |
| Boron      | 11-1  | 3.39    | 3.10    | 3.65    | 3.38       | 8.14    | ppb   |
| Cadmium    | 111-1 | -0.14   | -0.08   | -0.13   | -0.12      |         | ppb   |
| Cadmium    | 106-1 | -1.99   | -1.30   | -1.98   | -1.75      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | -0.08   | -0.11   | -0.06      |         | ppb   |
| Calcium    | 43-1  | 667.11  | 682.38  | 663.37  | 670.95     | 1.50    | ppb   |
| Calcium    | 44-1  | 688.93  | 670.24  | 669.95  | 676.37     | 1.61    | ppb   |
| Chromium   | 52-2  | -0.10   | -0.10   | -0.16   | -0.12      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | 108.36  | ppb   |
| Copper     | 63-2  | 0.16    | 0.16    | 0.17    | 0.16       | 4.51    | 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 |         |         |         | 109        |         | %     |
| Holmium    | 165-2 |         |         |         | 104        |         | %     |
| Indium     | 115-1 |         |         |         | 104        |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Iron       | 56-2  | 24.83   | 24.69   | 26.14   | 25.22      | 3.17    | ppb   |
| Iron       | 57-2  | 22.75   | 26.67   | 24.31   | 24.58      | 8.03    | ppb   |
| Lead       | 206-1 | 0.04    | 0.04    | 0.04    | 0.04       | 8.77    | ppb   |
| Lead       | 207-1 | 0.02    | 0.05    | 0.05    | 0.04       | 35.93   | ppb   |
| Lead       | 208-1 | 0.04    | 0.04    | 0.04    | 0.04       | 2.51    | ppb   |
| Lithium    | 6-1   |         |         |         | 104        |         | %     |
| Magnesium  | 24-2  | 175.67  | 189.90  | 181.30  | 182.29     | 3.93    | ppb   |
| Manganese  | 55-2  | 2.01    | 1.83    | 1.58    | 1.80       | 12.08   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-01LDLX100     | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2L             | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-08-22 13:37:33 | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | 0.01    | 0.01    | 0.01       | 5.64    | ppb   |
| Molybdenum | 95-1  | 0.03    | 0.02    | 0.03    | 0.03       | 32.77   | ppb   |
| Molybdenum | 96-1  | 0.03    | 0.03    | 0.03    | 0.03       | 7.73    | ppb   |
| Molybdenum | 97-1  | 0.07    | 0.09    | 0.06    | 0.07       | 21.43   | ppb   |
| Molybdenum | 98-1  | 0.04    | 0.02    | 0.03    | 0.03       | 30.77   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.07    | 0.00    | 0.03    | 0.03       | 111.42  | ppb   |
| Phosphorus | 31-2  | -12.19  | -12.19  | 17.98   | -2.13      |         | ppb   |
| Potassium  | 39-2  | 70.94   | 63.04   | 65.63   | 66.54      | 6.05    | ppb   |
| Rhodium    | 103-1 |         |         |         | 103        |         | %     |
| Rhodium    | 103-2 |         |         |         | 104        |         | %     |
| Scandium   | 45-1  |         |         |         | 103        |         | %     |
| Scandium   | 45-2  |         |         |         | 99         |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.92   | -1.48   | 0.73    | -0.56      |         | ppb   |
| Selenium   | 82-1  | -0.10   | 0.39    | -0.31   | -0.01      |         | ppb   |
| Silicon    | 28-1  | 30.50   | 29.42   | 27.90   | 29.27      | 4.47    | ppb   |
| Silver     | 109-1 | 0.02    | 0.02    | 0.02    | 0.02       | 14.92   | ppb   |
| Silver     | 107-1 | 0.02    | 0.02    | 0.02    | 0.02       | 4.16    | ppb   |
| Sodium     | 23-2  | 1361.19 | 1325.07 | 1339.37 | 1341.88    | 1.36    | ppb   |
| Strontium  | 86-1  | 1.61    | 1.60    | 1.58    | 1.60       | 0.76    | ppb   |
| Strontium  | 88-1  | 1.77    | 1.75    | 1.69    | 1.73       | 2.46    | ppb   |
| Sulfur     | 34-1  | -559.18 | -603.90 | -613.64 | -592.24    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 107        |         | %     |
| Terbium    | 159-2 |         |         |         | 104        |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       | 67.03   | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Tin        | 118-1 | 0.13    | 0.10    | 0.15    | 0.13       | 16.51   | ppb   |
| Titanium   | 47-1  | 0.20    | 0.09    | 0.13    | 0.14       | 39.07   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.03    | 0.05    | 0.01    | 0.03       | 71.14   | ppb   |
| Yttrium    | 89-1  |         |         |         | 104        |         | %     |
| Yttrium    | 89-2  |         |         |         | 100        |         | %     |
| Zinc       | 66-2  | 1.69    | 1.23    | 1.26    | 1.39       | 18.43   | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.01    | 0.02    | 0.02       | 19.28   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-01LDLX100     | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2L             | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-08-22 13:37:33 | DataFile Name :   | 028SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.00    | 0.00    | 0.01    | 0.00       | 87.27   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-04DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2S             | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-22 13:40:43 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 132.25  | 116.24  | 137.13  | 128.54     | 8.50    | ppb   |
| Antimony   | 121-1 | 5.16    | 5.33    | 5.20    | 5.23       | 1.75    | ppb   |
| Arsenic    | 75-2  | 2.04    | 2.19    | 2.07    | 2.10       | 3.91    | ppb   |
| Barium     | 135-1 | 109.48  | 110.48  | 108.95  | 109.64     | 0.71    | ppb   |
| Barium     | 137-1 | 109.56  | 109.55  | 110.41  | 109.84     | 0.45    | ppb   |
| Beryllium  | 9-1   | 2.77    | 2.49    | 2.63    | 2.63       | 5.49    | ppb   |
| Bismuth    | 209-1 |         |         |         | 113        |         | %     |
| Bismuth    | 209-2 |         |         |         | 105        |         | %     |
| Boron      | 10-1  | 4.10    | 5.25    | 4.44    | 4.60       | 12.86   | ppb   |
| Boron      | 11-1  | 4.97    | 5.24    | 4.97    | 5.06       | 3.06    | ppb   |
| Cadmium    | 111-1 | 2.54    | 2.52    | 2.70    | 2.59       | 3.68    | ppb   |
| Cadmium    | 106-1 | 0.02    | 0.35    | 0.77    | 0.38       | 99.07   | ppb   |
| Cadmium    | 108-1 | 2.70    | 2.26    | 2.19    | 2.38       | 11.55   | ppb   |
| Calcium    | 43-1  | 3263.28 | 3222.30 | 3367.97 | 3284.52    | 2.29    | ppb   |
| Calcium    | 44-1  | 3379.39 | 3387.72 | 3436.72 | 3401.28    | 0.91    | ppb   |
| Chromium   | 52-2  | 11.57   | 10.91   | 10.50   | 10.99      | 4.92    | ppb   |
| Cobalt     | 59-2  | 29.13   | 27.31   | 27.08   | 27.84      | 4.05    | ppb   |
| Copper     | 63-2  | 15.40   | 14.40   | 14.23   | 14.68      | 4.29    | 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 |         |         |         | 111        |         | %     |
| Holmium    | 165-2 |         |         |         | 106        |         | %     |
| Indium     | 115-1 |         |         |         | 106        |         | %     |
| Indium     | 115-2 |         |         |         | 102        |         | %     |
| Iron       | 56-2  | 181.66  | 172.48  | 172.69  | 175.61     | 2.98    | ppb   |
| Iron       | 57-2  | 176.63  | 161.72  | 168.47  | 168.94     | 4.42    | ppb   |
| Lead       | 206-1 | 1.20    | 1.23    | 1.19    | 1.21       | 1.32    | ppb   |
| Lead       | 207-1 | 1.19    | 1.15    | 1.19    | 1.18       | 1.94    | ppb   |
| Lead       | 208-1 | 1.20    | 1.21    | 1.21    | 1.21       | 0.71    | ppb   |
| Lithium    | 6-1   |         |         |         | 106        |         | %     |
| Magnesium  | 24-2  | 924.47  | 892.33  | 887.97  | 901.59     | 2.21    | ppb   |
| Manganese  | 55-2  | 38.93   | 36.14   | 35.26   | 36.78      | 5.22    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-04DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2S             | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-22 13:40:43 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.11    | 0.07    | 0.06    | 0.08       | 30.14   | ppb   |
| Molybdenum | 95-1  | 0.15    | 0.14    | 0.17    | 0.15       | 10.61   | ppb   |
| Molybdenum | 96-1  | 0.15    | 0.15    | 0.14    | 0.15       | 3.36    | ppb   |
| Molybdenum | 97-1  | 0.15    | 0.20    | 0.22    | 0.19       | 18.54   | ppb   |
| Molybdenum | 98-1  | 0.18    | 0.17    | 0.17    | 0.17       | 3.18    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 29.70   | 27.45   | 27.37   | 28.17      | 4.69    | ppb   |
| Phosphorus | 31-2  | -12.19  | 16.69   | 2.17    | 2.22       | 649.92  | ppb   |
| Potassium  | 39-2  | 332.22  | 302.41  | 308.02  | 314.22     | 5.04    | ppb   |
| Rhodium    | 103-1 |         |         |         | 107        |         | %     |
| Rhodium    | 103-2 |         |         |         | 105        |         | %     |
| Scandium   | 45-1  |         |         |         | 107        |         | %     |
| Scandium   | 45-2  |         |         |         | 101        |         | %     |
| Selenium   | 77-2  | 9.76    | 3.14    | 3.17    | 5.36       | 71.22   | ppb   |
| Selenium   | 78-2  | 6.88    | 4.44    | 9.93    | 7.08       | 38.86   | ppb   |
| Selenium   | 82-1  | 4.02    | 5.47    | 6.06    | 5.18       | 20.27   | ppb   |
| Silicon    | 28-1  | 164.48  | 170.17  | 166.72  | 167.12     | 1.72    | ppb   |
| Silver     | 109-1 | 2.50    | 2.54    | 2.42    | 2.49       | 2.38    | ppb   |
| Silver     | 107-1 | 2.48    | 2.53    | 2.48    | 2.50       | 1.30    | ppb   |
| Sodium     | 23-2  | 7033.58 | 6595.76 | 6535.52 | 6721.62    | 4.04    | ppb   |
| Strontium  | 86-1  | 8.14    | 8.24    | 8.21    | 8.20       | 0.60    | ppb   |
| Strontium  | 88-1  | 8.45    | 8.41    | 8.29    | 8.38       | 0.98    | ppb   |
| Sulfur     | 34-1  | -385.57 | -509.59 | -340.24 | -411.80    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 110        |         | %     |
| Terbium    | 159-2 |         |         |         | 106        |         | %     |
| Thallium   | 203-1 | 2.51    | 2.58    | 2.52    | 2.54       | 1.51    | ppb   |
| Thallium   | 205-1 | 2.59    | 2.55    | 2.60    | 2.58       | 0.92    | ppb   |
| Tin        | 118-1 | 0.08    | 0.03    | 0.10    | 0.07       | 50.74   | ppb   |
| Titanium   | 47-1  | 0.43    | 0.36    | 0.57    | 0.45       | 23.71   | ppb   |
| Uranium    | 238-1 | 0.02    | 0.02    | 0.02    | 0.02       | 2.19    | ppb   |
| Vanadium   | 51-2  | 28.78   | 27.07   | 26.45   | 27.43      | 4.39    | ppb   |
| Yttrium    | 89-1  |         |         |         | 106        |         | %     |
| Yttrium    | 89-2  |         |         |         | 101        |         | %     |
| Zinc       | 66-2  | 33.31   | 31.96   | 32.65   | 32.64      | 2.06    | ppb   |
| Zirconium  | 90-1  | 0.06    | 0.04    | 0.04    | 0.05       | 20.03   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-04DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2S             | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-22 13:40:43 | DataFile Name :   | 029SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.03    | 0.03    | 0.04       | 35.51   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-02DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE3              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-22 13:43:52 | DataFile Name :   | 030SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD  | Units |
|------------|-------|---------|---------|---------|------------|----------|-------|
| Aluminium  | 27-2  | 0.58    | -2.55   | 1.66    | -0.11      |          | ppb   |
| Antimony   | 121-1 | 0.01    | 0.01    | 0.01    | 0.01       | 24.79    | ppb   |
| Arsenic    | 75-2  | -0.02   | -0.03   | -0.03   | -0.03      |          | ppb   |
| Barium     | 135-1 | -0.01   | -0.03   | -0.01   | -0.02      |          | ppb   |
| Barium     | 137-1 | 0.01    | 0.00    | 0.00    | 0.00       | 22.92    | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.01   | 0.03    | 0.00       | 1906.85  | ppb   |
| Bismuth    | 209-1 |         |         |         | 113        |          | %     |
| Bismuth    | 209-2 |         |         |         | 103        |          | %     |
| Boron      | 10-1  | 1.58    | 2.05    | 1.71    | 1.78       | 13.68    | ppb   |
| Boron      | 11-1  | 1.83    | 2.11    | 1.92    | 1.95       | 7.39     | ppb   |
| Cadmium    | 111-1 | -0.19   | -0.03   | -0.12   | -0.11      |          | ppb   |
| Cadmium    | 106-1 | -2.66   | -0.44   | -1.68   | -1.59      |          | ppb   |
| Cadmium    | 108-1 | -0.13   | -0.08   | -0.03   | -0.08      |          | ppb   |
| Calcium    | 43-1  | 8.65    | 3.85    | 1.77    | 4.76       | 74.29    | ppb   |
| Calcium    | 44-1  | -7.47   | -6.68   | -5.27   | -6.47      |          | ppb   |
| Chromium   | 52-2  | -0.10   | -0.06   | -0.21   | -0.12      |          | ppb   |
| Cobalt     | 59-2  | -0.01   | 0.00    | -0.01   | -0.01      |          | ppb   |
| Copper     | 63-2  | 0.08    | 0.07    | 0.07    | 0.07       | 3.74     | 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 |         |         |         | 110        |          | %     |
| Holmium    | 165-2 |         |         |         | 104        |          | %     |
| Indium     | 115-1 |         |         |         | 106        |          | %     |
| Indium     | 115-2 |         |         |         | 101        |          | %     |
| Iron       | 56-2  | 0.61    | 0.58    | 0.34    | 0.51       | 29.02    | ppb   |
| Iron       | 57-2  | 0.44    | 1.82    | 1.06    | 1.11       | 62.54    | ppb   |
| Lead       | 206-1 | 0.01    | -0.02   | -0.02   | -0.01      |          | ppb   |
| Lead       | 207-1 | -0.01   | 0.00    | 0.00    | 0.00       | 17946.13 | ppb   |
| Lead       | 208-1 | 0.00    | 0.00    | 0.00    | 0.00       | 199.03   | ppb   |
| Lithium    | 6-1   |         |         |         | 106        |          | %     |
| Magnesium  | 24-2  | 2.89    | 2.76    | 3.58    | 3.08       | 14.31    | ppb   |
| Manganese  | 55-2  | 0.01    | 0.06    | -0.02   | 0.02       | 253.99   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-02DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE3              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-22 13:43:52 | DataFile Name :   | 030SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.01   | -0.01   | 0.01    | 0.00       |         | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.02   | -0.02   | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 97-1  | 0.03    | 0.04    | 0.01    | 0.03       | 49.41   | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.01   | 0.03    | -0.03   | 0.00       |         | ppb   |
| Phosphorus | 31-2  | 2.12    | 3.30    | -12.19  | -2.26      |         | ppb   |
| Potassium  | 39-2  | -17.24  | -11.31  | -16.97  | -15.17     |         | ppb   |
| Rhodium    | 103-1 |         |         |         | 106        |         | %     |
| Rhodium    | 103-2 |         |         |         | 104        |         | %     |
| Scandium   | 45-1  |         |         |         | 105        |         | %     |
| Scandium   | 45-2  |         |         |         | 101        |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.94   | 0.28    | -0.39   | -0.35      |         | ppb   |
| Selenium   | 82-1  | 0.13    | 0.14    | 0.18    | 0.15       | 17.42   | ppb   |
| Silicon    | 28-1  | -23.82  | -25.46  | -22.30  | -23.86     |         | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 8.32    | ppb   |
| Silver     | 107-1 | 0.01    | 0.02    | 0.02    | 0.01       | 16.05   | ppb   |
| Sodium     | 23-2  | 14.66   | 22.59   | 14.59   | 17.28      | 26.59   | ppb   |
| Strontium  | 86-1  | -0.03   | 0.02    | 0.03    | 0.01       | 601.38  | ppb   |
| Strontium  | 88-1  | 0.00    | 0.01    | 0.01    | 0.01       | 48.89   | ppb   |
| Sulfur     | 34-1  | -703.29 | -777.28 | -574.55 | -685.04    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 109        |         | %     |
| Terbium    | 159-2 |         |         |         | 105        |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 31.71   | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Tin        | 118-1 | 0.10    | 0.11    | 0.11    | 0.11       | 6.77    | ppb   |
| Titanium   | 47-1  | 0.06    | 0.09    | -0.04   | 0.03       | 207.01  | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         | 106        |         | %     |
| Yttrium    | 89-2  |         |         |         | 99         |         | %     |
| Zinc       | 66-2  | 0.18    | 0.48    | 0.59    | 0.42       | 51.03   | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.01    | 0.00       | 39.91   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-02DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE3              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-22 13:43:52 | DataFile Name :   | 030SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | -0.01   | 0.03    | 0.01    | 0.01       | 217.70  | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89660             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV041              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV041              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-22 13:47:01 | DataFile Name :   | 031CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 51688.03  | 52441.33  | 49775.74  | 51301.70   | 2.68    | ppb   |
| Antimony   | 121-1 | 507.18    | 494.02    | 498.27    | 499.82     | 1.34    | ppb   |
| Arsenic    | 75-2  | 496.46    | 495.31    | 494.06    | 495.28     | 0.24    | ppb   |
| Barium     | 135-1 | 2549.47   | 2490.54   | 2495.26   | 2511.75    | 1.30    | ppb   |
| Barium     | 137-1 | 2540.89   | 2472.71   | 2496.30   | 2503.30    | 1.38    | ppb   |
| Beryllium  | 9-1   | 522.73    | 513.34    | 507.61    | 514.56     | 1.48    | ppb   |
| Bismuth    | 209-1 |           |           |           | 107        |         | %     |
| Bismuth    | 209-2 |           |           |           | 99         |         | %     |
| Boron      | 10-1  | 512.96    | 510.65    | 516.40    | 513.34     | 0.56    | ppb   |
| Boron      | 11-1  | 510.55    | 507.89    | 504.65    | 507.69     | 0.58    | ppb   |
| Cadmium    | 111-1 | 485.73    | 475.96    | 475.75    | 479.15     | 1.19    | ppb   |
| Cadmium    | 106-1 | 506.36    | 478.32    | 495.15    | 493.27     | 2.86    | ppb   |
| Cadmium    | 108-1 | 498.20    | 485.20    | 490.21    | 491.20     | 1.34    | ppb   |
| Calcium    | 43-1  | 246563.05 | 243614.69 | 245075.07 | 245084.27  | 0.60    | ppb   |
| Calcium    | 44-1  | 248720.79 | 243688.26 | 242533.84 | 244980.96  | 1.34    | ppb   |
| Chromium   | 52-2  | 513.82    | 522.15    | 503.05    | 513.01     | 1.87    | ppb   |
| Cobalt     | 59-2  | 499.49    | 513.38    | 492.70    | 501.85     | 2.10    | ppb   |
| Copper     | 63-2  | 1008.20   | 1025.15   | 982.72    | 1005.36    | 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 |           |           |           | 110        |         | %     |
| Holmium    | 165-2 |           |           |           | 104        |         | %     |
| Indium     | 115-1 |           |           |           | 99         |         | %     |
| Indium     | 115-2 |           |           |           | 93         |         | %     |
| Iron       | 56-2  | 125844.22 | 127119.46 | 123192.79 | 125385.49  | 1.60    | ppb   |
| Iron       | 57-2  | 126347.52 | 129704.23 | 125756.79 | 127269.52  | 1.67    | ppb   |
| Lead       | 206-1 | 526.65    | 523.30    | 509.73    | 519.89     | 1.72    | ppb   |
| Lead       | 207-1 | 527.13    | 523.29    | 517.03    | 522.49     | 0.98    | ppb   |
| Lead       | 208-1 | 525.01    | 519.79    | 514.80    | 519.87     | 0.98    | ppb   |
| Lithium    | 6-1   |           |           |           | 98         |         | %     |
| Magnesium  | 24-2  | 252900.39 | 256576.40 | 247956.44 | 252477.74  | 1.71    | ppb   |
| Manganese  | 55-2  | 1017.39   | 1045.74   | 997.84    | 1020.32    | 2.36    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89660             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV041              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV041              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-22 13:47:01 | DataFile Name :   | 031CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 514.42    | 499.09    | 500.33    | 504.61     | 1.69    | ppb   |
| Molybdenum | 95-1  | 514.66    | 498.29    | 497.33    | 503.43     | 1.94    | ppb   |
| Molybdenum | 96-1  | 517.46    | 492.66    | 502.82    | 504.31     | 2.47    | ppb   |
| Molybdenum | 97-1  | 502.33    | 488.91    | 500.43    | 497.23     | 1.46    | ppb   |
| Molybdenum | 98-1  | 513.66    | 499.75    | 503.44    | 505.61     | 1.43    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 498.97    | 510.91    | 493.43    | 501.10     | 1.78    | ppb   |
| Phosphorus | 31-2  | 10293.42  | 10784.22  | 10025.62  | 10367.75   | 3.71    | ppb   |
| Potassium  | 39-2  | 128633.31 | 132185.23 | 126736.64 | 129185.06  | 2.14    | ppb   |
| Rhodium    | 103-1 |           |           |           | 95         |         | %     |
| Rhodium    | 103-2 |           |           |           | 96         |         | %     |
| Scandium   | 45-1  |           |           |           | 99         |         | %     |
| Scandium   | 45-2  |           |           |           | 97         |         | %     |
| Selenium   | 77-2  | 471.58    | 454.53    | 570.58    | 498.90     | 12.56   | ppb   |
| Selenium   | 78-2  | 523.70    | 469.88    | 505.16    | 499.58     | 5.47    | ppb   |
| Selenium   | 82-1  | 499.52    | 486.20    | 489.86    | 491.86     | 1.40    | ppb   |
| Silicon    | 28-1  | 536.97    | 528.66    | 525.64    | 530.42     | 1.11    | ppb   |
| Silver     | 109-1 | 498.10    | 490.32    | 489.55    | 492.66     | 0.96    | ppb   |
| Silver     | 107-1 | 499.07    | 488.46    | 489.95    | 492.49     | 1.17    | ppb   |
| Sodium     | 23-2  | 253779.71 | 256832.95 | 247621.90 | 252744.86  | 1.86    | ppb   |
| Strontium  | 86-1  | 521.99    | 503.27    | 505.58    | 510.28     | 2.00    | ppb   |
| Strontium  | 88-1  | 517.90    | 505.14    | 506.12    | 509.72     | 1.39    | ppb   |
| Sulfur     | 34-1  | 10537.96  | 10102.51  | 9933.22   | 10191.23   | 3.06    | ppb   |
| Terbium    | 159-1 |           |           |           | 109        |         | %     |
| Terbium    | 159-2 |           |           |           | 104        |         | %     |
| Thallium   | 203-1 | 523.29    | 520.31    | 520.49    | 521.36     | 0.32    | ppb   |
| Thallium   | 205-1 | 522.76    | 513.48    | 512.70    | 516.31     | 1.08    | ppb   |
| Tin        | 118-1 | 503.99    | 500.51    | 495.78    | 500.10     | 0.82    | ppb   |
| Titanium   | 47-1  | 512.10    | 497.58    | 499.01    | 502.90     | 1.59    | ppb   |
| Uranium    | 238-1 | 521.05    | 522.87    | 519.09    | 521.00     | 0.36    | ppb   |
| Vanadium   | 51-2  | 514.95    | 527.11    | 503.51    | 515.19     | 2.29    | ppb   |
| Yttrium    | 89-1  |           |           |           | 100        |         | %     |
| Yttrium    | 89-2  |           |           |           | 96         |         | %     |
| Zinc       | 66-2  | 996.59    | 1021.67   | 983.97    | 1000.74    | 1.92    | ppb   |
| Zirconium  | 90-1  | 508.77    | 497.47    | 496.37    | 500.87     | 1.37    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89660             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV041              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV041              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-22 13:47:01 | DataFile Name :   | 031CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 514.96  | 495.51  | 501.84  | 504.10     | 1.97    | ppb   |

LB Number : LB89660 Operator : Jaswal  
 Lab Sample ID : CCB041 Instrumnet Name : P8  
 Client Sample ID : CCB041 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-22 13:50:01 DataFile Name : 032CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.27    | 0.72    | 1.98    | 1.32       | 47.81   | ppb   |
| Antimony   | 121-1 | 0.27    | 0.25    | 0.26    | 0.26       | 2.51    | ppb   |
| Arsenic    | 75-2  | -0.02   | 0.01    | -0.03   | -0.01      |         | ppb   |
| Barium     | 135-1 | -0.03   | -0.03   | -0.01   | -0.03      |         | ppb   |
| Barium     | 137-1 | -0.01   | 0.01    | -0.01   | 0.00       |         | ppb   |
| Beryllium  | 9-1   | 0.06    | 0.05    | 0.08    | 0.06       | 23.37   | ppb   |
| Bismuth    | 209-1 |         |         |         | 114        |         | %     |
| Bismuth    | 209-2 |         |         |         | 101        |         | %     |
| Boron      | 10-1  | 11.29   | 12.49   | 10.92   | 11.57      | 7.08    | ppb   |
| Boron      | 11-1  | 13.09   | 11.40   | 11.74   | 12.07      | 7.39    | ppb   |
| Cadmium    | 111-1 | -0.11   | -0.09   | -0.09   | -0.10      |         | ppb   |
| Cadmium    | 106-1 | -1.68   | -1.51   | -1.32   | -1.50      |         | ppb   |
| Cadmium    | 108-1 | 0.00    | 0.05    | 0.00    | 0.01       | 206.25  | ppb   |
| Calcium    | 43-1  | -3.47   | -4.73   | 1.97    | -2.08      |         | ppb   |
| Calcium    | 44-1  | -2.43   | -7.01   | -2.66   | -4.03      |         | ppb   |
| Chromium   | 52-2  | -0.05   | -0.20   | -0.13   | -0.13      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | 0.00    | 0.00    | -0.01      |         | ppb   |
| Copper     | 63-2  | 0.00    | -0.05   | -0.02   | -0.02      |         | 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 |         |         |         | 111        |         | %     |
| Holmium    | 165-2 |         |         |         | 101        |         | %     |
| Indium     | 115-1 |         |         |         | 104        |         | %     |
| Indium     | 115-2 |         |         |         | 96         |         | %     |
| Iron       | 56-2  | 1.86    | 1.00    | 0.88    | 1.25       | 43.16   | ppb   |
| Iron       | 57-2  | 3.34    | -0.34   | 1.38    | 1.46       | 125.84  | ppb   |
| Lead       | 206-1 | 0.01    | 0.03    | 0.01    | 0.01       | 74.49   | ppb   |
| Lead       | 207-1 | 0.01    | 0.03    | 0.03    | 0.02       | 36.80   | ppb   |
| Lead       | 208-1 | 0.02    | 0.03    | 0.02    | 0.02       | 40.10   | ppb   |
| Lithium    | 6-1   |         |         |         | 104        |         | %     |
| Magnesium  | 24-2  | 0.94    | 0.59    | 3.57    | 1.70       | 95.87   | ppb   |
| Manganese  | 55-2  | 0.05    | -0.08   | -0.03   | -0.02      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB041              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB041              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 13:50:01 | DataFile Name :   | 032CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.07    | 0.04    | 0.05    | 0.05       | 29.74   | ppb   |
| Molybdenum | 95-1  | 0.04    | 0.02    | 0.03    | 0.03       | 33.53   | ppb   |
| Molybdenum | 96-1  | 0.04    | 0.03    | 0.03    | 0.03       | 25.04   | ppb   |
| Molybdenum | 97-1  | 0.06    | 0.08    | 0.06    | 0.06       | 13.95   | ppb   |
| Molybdenum | 98-1  | 0.03    | 0.03    | 0.03    | 0.03       | 4.66    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.04    | -0.06   | -0.03   | -0.02      |         | ppb   |
| Phosphorus | 31-2  | 4.45    | 2.59    | -12.19  | -1.72      |         | ppb   |
| Potassium  | 39-2  | 28.02   | 5.27    | 11.96   | 15.08      | 77.51   | ppb   |
| Rhodium    | 103-1 |         |         |         | 104        |         | %     |
| Rhodium    | 103-2 |         |         |         | 100        |         | %     |
| Scandium   | 45-1  |         |         |         | 102        |         | %     |
| Scandium   | 45-2  |         |         |         | 96         |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 3.30    | 1.10       | 173.21  | ppb   |
| Selenium   | 78-2  | -1.48   | -0.91   | -0.35   | -0.91      |         | ppb   |
| Selenium   | 82-1  | -0.20   | -0.07   | -0.18   | -0.15      |         | ppb   |
| Silicon    | 28-1  | -16.55  | -18.74  | -17.47  | -17.59     |         | ppb   |
| Silver     | 109-1 | 0.03    | 0.02    | 0.02    | 0.03       | 16.51   | ppb   |
| Silver     | 107-1 | 0.03    | 0.02    | 0.02    | 0.03       | 20.01   | ppb   |
| Sodium     | 23-2  | 69.85   | 64.55   | 57.60   | 64.00      | 9.60    | ppb   |
| Strontium  | 86-1  | -0.03   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | 32.44   | ppb   |
| Sulfur     | 34-1  | -475.82 | -821.16 | -418.43 | -571.81    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 110        |         | %     |
| Terbium    | 159-2 |         |         |         | 101        |         | %     |
| Thallium   | 203-1 | 0.07    | 0.08    | 0.07    | 0.07       | 4.75    | ppb   |
| Thallium   | 205-1 | 0.07    | 0.06    | 0.06    | 0.06       | 12.02   | ppb   |
| Tin        | 118-1 | 0.07    | 0.03    | 0.09    | 0.06       | 49.52   | ppb   |
| Titanium   | 47-1  | 0.02    | 0.07    | 0.00    | 0.03       | 137.15  | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 482.40  | ppb   |
| Vanadium   | 51-2  | 0.02    | 0.02    | -0.01   | 0.01       | 256.98  | ppb   |
| Yttrium    | 89-1  |         |         |         | 103        |         | %     |
| Yttrium    | 89-2  |         |         |         | 95         |         | %     |
| Zinc       | 66-2  | 0.03    | 0.12    | -0.04   | 0.03       | 245.54  | ppb   |
| Zirconium  | 90-1  | 0.08    | 0.05    | 0.05    | 0.06       | 26.97   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB041              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB041              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 13:50:01 | DataFile Name :   | 032CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.05    | 0.04    | 0.05       | 14.67   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 12:01:52 | DataFile Name :   | 002CALB.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 17      | 33      | 33      | 28      | 34.64  | cps   |
| Antimony   | 121-1 | 25      | 58      | 92      | 58      | 57.14  | cps   |
| Arsenic    | 75-2  | 11      | 4       | 4       | 6       | 69.34  | cps   |
| Barium     | 135-1 | 83      | 117     | 83      | 94      | 20.37  | cps   |
| Barium     | 137-1 | 100     | 92      | 133     | 108     | 20.35  | cps   |
| Beryllium  | 9-1   | 78      | 67      | 72      | 72      | 7.69   | cps   |
| Bismuth    | 209-1 | 4343939 | 4319546 | 4397128 | 4353538 | 0.91   | cps   |
| Bismuth    | 209-2 | 1502532 | 1481302 | 1487449 | 1490428 | 0.73   | cps   |
| Boron      | 10-1  | 233     | 208     | 200     | 214     | 8.11   | cps   |
| Boron      | 11-1  | 933     | 850     | 900     | 895     | 4.69   | cps   |
| Cadmium    | 111-1 | 1377    | 1371    | 1409    | 1386    | 1.47   | cps   |
| Cadmium    | 106-1 | 1959    | 1942    | 2009    | 1970    | 1.76   | cps   |
| Cadmium    | 108-1 | 21      | 13      | 25      | 19      | 32.73  | cps   |
| Calcium    | 43-1  | 2525    | 2284    | 2267    | 2359    | 6.13   | cps   |
| Calcium    | 44-1  | 48109   | 49388   | 46620   | 48039   | 2.88   | cps   |
| Chromium   | 52-2  | 1023    | 1033    | 973     | 1010    | 3.18   | cps   |
| Cobalt     | 59-2  | 53      | 50      | 57      | 53      | 6.25   | cps   |
| Copper     | 63-2  | 440     | 440     | 370     | 417     | 9.70   | cps   |
| Dysprosium | 156-1 | 8       | 17      | 8       | 11      | 43.34  | cps   |
| Dysprosium | 156-2 | 3       | 0       | 3       | 2       | 86.60  | cps   |
| Erbium     | 164-1 | 8       | 58      | 17      | 28      | 96.44  | cps   |
| Erbium     | 164-2 | 7       | 3       | 7       | 6       | 34.70  | cps   |
| Gadolinium | 160-1 | 108     | 83      | 108     | 100     | 14.43  | cps   |
| Gadolinium | 160-2 | 20      | 10      | 10      | 13      | 43.30  | cps   |
| Holmium    | 165-1 | 7391262 | 7450376 | 7407350 | 7416330 | 0.41   | cps   |
| Holmium    | 165-2 | 1973645 | 1949513 | 1973708 | 1965622 | 0.71   | cps   |
| Indium     | 115-1 | 6873052 | 6895099 | 6968987 | 6912379 | 0.73   | cps   |
| Indium     | 115-2 | 372250  | 365595  | 369117  | 368987  | 0.90   | cps   |
| Iron       | 56-2  | 2561    | 2545    | 2489    | 2532    | 1.49   | cps   |
| Iron       | 57-2  | 78      | 61      | 94      | 78      | 21.43  | cps   |
| Lead       | 206-1 | 506     | 406     | 506     | 472     | 12.23  | cps   |
| Lead       | 207-1 | 439     | 333     | 433     | 402     | 14.78  | cps   |
| Lead       | 208-1 | 1922    | 1667    | 1845    | 1811    | 7.23   | cps   |
| Lithium    | 6-1   | 623223  | 627319  | 628024  | 626188  | 0.41   | cps   |
| Magnesium  | 24-2  | 158     | 167     | 133     | 153     | 11.36  | cps   |
| Manganese  | 55-2  | 70      | 60      | 63      | 64      | 7.90   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 12:01:52 | DataFile Name :   | 002CALB.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 208     | 233     | 317     | 253     | 22.44  | cps   |
| Molybdenum | 95-1  | 67      | 92      | 117     | 92      | 27.27  | cps   |
| Molybdenum | 96-1  | 242     | 217     | 267     | 242     | 10.35  | cps   |
| Molybdenum | 97-1  | 150     | 175     | 167     | 164     | 7.77   | cps   |
| Molybdenum | 98-1  | 75      | 125     | 150     | 117     | 32.74  | cps   |
| Neodymium  | 150-1 | 40      | 20      | 40      | 33      | 34.64  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 187     | 167     | 180     | 178     | 5.73   | cps   |
| Phosphorus | 31-2  | 0       | 8       | 17      | 8       | 100.02 | cps   |
| Potassium  | 39-2  | 3609    | 3859    | 3517    | 3662    | 4.83   | cps   |
| Rhodium    | 103-1 | 6492102 | 6576968 | 6497725 | 6522265 | 0.73   | cps   |
| Rhodium    | 103-2 | 1886143 | 1852833 | 1867591 | 1868855 | 0.89   | cps   |
| Scandium   | 45-1  | 3903382 | 3899444 | 3942853 | 3915226 | 0.61   | cps   |
| Scandium   | 45-2  | 37701   | 37718   | 37914   | 37778   | 0.31   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 4       | 6       | 6       | 5       | 21.74  | cps   |
| Selenium   | 82-1  | -131    | -59     | -75     | -88     | -42.62 | cps   |
| Silicon    | 28-1  | 468140  | 464827  | 463522  | 465496  | 0.51   | cps   |
| Silver     | 109-1 | 75      | 33      | 58      | 56      | 37.75  | cps   |
| Silver     | 107-1 | 196     | 158     | 138     | 164     | 18.04  | cps   |
| Sodium     | 23-2  | 3984    | 3967    | 4051    | 4001    | 1.10   | cps   |
| Strontium  | 86-1  | 1100    | 950     | 983     | 1011    | 7.79   | cps   |
| Strontium  | 88-1  | 283     | 283     | 342     | 303     | 11.12  | cps   |
| Sulfur     | 34-1  | 385090  | 386441  | 388433  | 386655  | 0.43   | cps   |
| Terbium    | 159-1 | 7880707 | 7840396 | 7750230 | 7823778 | 0.85   | cps   |
| Terbium    | 159-2 | 1912156 | 1874565 | 1904804 | 1897175 | 1.05   | cps   |
| Thallium   | 203-1 | 142     | 58      | 83      | 94      | 45.28  | cps   |
| Thallium   | 205-1 | 308     | 200     | 200     | 236     | 26.49  | cps   |
| Tin        | 118-1 | 1525    | 1559    | 1692    | 1592    | 5.54   | cps   |
| Titanium   | 47-1  | 133     | 125     | 175     | 144     | 18.54  | cps   |
| Uranium    | 238-1 | 133     | 117     | 183     | 144     | 24.02  | cps   |
| Vanadium   | 51-2  | 20      | 10      | 23      | 18      | 39.03  | cps   |
| Yttrium    | 89-1  | 7423323 | 7333143 | 7449746 | 7402071 | 0.83   | cps   |
| Yttrium    | 89-2  | 274343  | 270217  | 272258  | 272272  | 0.76   | cps   |
| Zinc       | 66-2  | 33      | 80      | 63      | 59      | 40.16  | cps   |
| Zirconium  | 90-1  | 458     | 325     | 483     | 422     | 20.16  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 12:01:52 | DataFile Name :   | 002CALB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 92   | 108  | 92   | 97      | 9.90   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89660             | Operator :        | Jaswal     |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S02                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-22 12:12:07 | DataFile Name :   | 005CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 142     | 200     | 158     | 167     | 18.03  | cps   |
| Antimony   | 121-1 | 18180   | 17562   | 18371   | 18038   | 2.34   | cps   |
| Arsenic    | 75-2  | 150     | 119     | 124     | 131     | 12.84  | cps   |
| Barium     | 135-1 | 18246   | 18522   | 18247   | 18338   | 0.87   | cps   |
| Barium     | 137-1 | 31814   | 32115   | 31196   | 31708   | 1.48   | cps   |
| Beryllium  | 9-1   | 1161    | 1050    | 1178    | 1130    | 6.15   | cps   |
| Bismuth    | 209-1 | 4460819 | 4458332 | 4357901 | 4425684 | 1.33   | cps   |
| Bismuth    | 209-2 | 1520378 | 1498952 | 1511770 | 1510366 | 0.71   | cps   |
| Boron      | 10-1  | 2784    | 2984    | 3226    | 2998    | 7.38   | cps   |
| Boron      | 11-1  | 13599   | 13824   | 14483   | 13968   | 3.29   | cps   |
| Cadmium    | 111-1 | 3530    | 3317    | 3117    | 3321    | 6.23   | cps   |
| Cadmium    | 106-1 | 2234    | 1984    | 1917    | 2045    | 8.17   | cps   |
| Cadmium    | 108-1 | 167     | 150     | 179     | 165     | 8.85   | cps   |
| Calcium    | 43-1  | 11697   | 12056   | 12039   | 11931   | 1.70   | cps   |
| Calcium    | 44-1  | 205416  | 203550  | 205525  | 204830  | 0.54   | cps   |
| Chromium   | 52-2  | 3084    | 3004    | 2964    | 3017    | 2.03   | cps   |
| Cobalt     | 59-2  | 2140    | 1920    | 2257    | 2106    | 8.12   | cps   |
| Copper     | 63-2  | 4558    | 4794    | 4754    | 4702    | 2.69   | cps   |
| Dysprosium | 156-1 | 17      | 17      | 8       | 14      | 34.67  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 42      | 75      | 42      | 53      | 36.46  | cps   |
| Erbium     | 164-2 | 7       | 3       | 13      | 8       | 65.47  | cps   |
| Gadolinium | 160-1 | 67      | 42      | 75      | 61      | 28.38  | cps   |
| Gadolinium | 160-2 | 10      | 3       | 10      | 8       | 49.52  | cps   |
| Holmium    | 165-1 | 7646593 | 7588522 | 7612073 | 7615729 | 0.38   | cps   |
| Holmium    | 165-2 | 2025755 | 2006499 | 2004163 | 2012139 | 0.59   | cps   |
| Indium     | 115-1 | 6988694 | 7037770 | 6993000 | 7006488 | 0.39   | cps   |
| Indium     | 115-2 | 381639  | 379123  | 378704  | 379822  | 0.42   | cps   |
| Iron       | 56-2  | 35947   | 35874   | 35345   | 35722   | 0.92   | cps   |
| Iron       | 57-2  | 989     | 911     | 900     | 933     | 5.19   | cps   |
| Lead       | 206-1 | 6441    | 5985    | 5929    | 6118    | 4.59   | cps   |
| Lead       | 207-1 | 5540    | 5474    | 5290    | 5435    | 2.38   | cps   |
| Lead       | 208-1 | 25099   | 24382   | 24204   | 24562   | 1.93   | cps   |
| Lithium    | 6-1   | 643390  | 647936  | 646698  | 646008  | 0.36   | cps   |
| Magnesium  | 24-2  | 16268   | 16285   | 15835   | 16129   | 1.58   | cps   |
| Manganese  | 55-2  | 350     | 403     | 380     | 378     | 7.08   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 12:12:07 | DataFile Name :   | 005CALS.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 16169   | 15935   | 15651   | 15918   | 1.63   | cps   |
| Molybdenum | 95-1  | 19122   | 19339   | 19506   | 19323   | 1.00   | cps   |
| Molybdenum | 96-1  | 21593   | 22136   | 21484   | 21738   | 1.60   | cps   |
| Molybdenum | 97-1  | 12323   | 12348   | 11981   | 12217   | 1.68   | cps   |
| Molybdenum | 98-1  | 31379   | 32490   | 30585   | 31485   | 3.04   | cps   |
| Neodymium  | 150-1 | 20      | 13      | 0       | 11      | 91.66  | cps   |
| Neodymium  | 150-2 | 3       | 0       | 3       | 2       | 86.60  | cps   |
| Nickel     | 60-2  | 737     | 847     | 803     | 796     | 6.97   | cps   |
| Phosphorus | 31-2  | 0       | 8       | 8       | 6       | 86.60  | cps   |
| Potassium  | 39-2  | 13991   | 14199   | 14508   | 14233   | 1.83   | cps   |
| Rhodium    | 103-1 | 6657536 | 6654901 | 6623204 | 6645214 | 0.29   | cps   |
| Rhodium    | 103-2 | 1930733 | 1940804 | 1934639 | 1935392 | 0.26   | cps   |
| Scandium   | 45-1  | 4069267 | 4068655 | 4102871 | 4080264 | 0.48   | cps   |
| Scandium   | 45-2  | 38720   | 40181   | 38399   | 39100   | 2.43   | cps   |
| Selenium   | 77-2  | 3       | 10      | 3       | 6       | 69.34  | cps   |
| Selenium   | 78-2  | 35      | 28      | 13      | 25      | 44.72  | cps   |
| Selenium   | 82-1  | 496     | 585     | 492     | 524     | 10.05  | cps   |
| Silicon    | 28-1  | 499123  | 495913  | 496826  | 497287  | 0.33   | cps   |
| Silver     | 109-1 | 13007   | 12306   | 12815   | 12709   | 2.85   | cps   |
| Silver     | 107-1 | 33093   | 31666   | 32763   | 32507   | 2.30   | cps   |
| Sodium     | 23-2  | 43860   | 42891   | 42439   | 43063   | 1.69   | cps   |
| Strontium  | 86-1  | 3709    | 3626    | 3434    | 3590    | 3.93   | cps   |
| Strontium  | 88-1  | 23104   | 24080   | 23245   | 23476   | 2.25   | cps   |
| Sulfur     | 34-1  | 395741  | 391608  | 389156  | 392168  | 0.85   | cps   |
| Terbium    | 159-1 | 7940637 | 8030491 | 7966768 | 7979299 | 0.58   | cps   |
| Terbium    | 159-2 | 1990017 | 1985169 | 1954270 | 1976486 | 0.98   | cps   |
| Thallium   | 203-1 | 6502    | 5960    | 5985    | 6149    | 4.97   | cps   |
| Thallium   | 205-1 | 13658   | 14092   | 14592   | 14114   | 3.31   | cps   |
| Tin        | 118-1 | 33192   | 32507   | 32983   | 32894   | 1.07   | cps   |
| Titanium   | 47-1  | 5235    | 4993    | 5176    | 5134    | 2.46   | cps   |
| Uranium    | 238-1 | 17455   | 16486   | 16795   | 16912   | 2.92   | cps   |
| Vanadium   | 51-2  | 3771    | 3727    | 3514    | 3671    | 3.74   | cps   |
| Yttrium    | 89-1  | 7626761 | 7654124 | 7564122 | 7615002 | 0.61   | cps   |
| Yttrium    | 89-2  | 279661  | 279649  | 275651  | 278320  | 0.83   | cps   |
| Zinc       | 66-2  | 393     | 407     | 403     | 401     | 1.73   | cps   |
| Zirconium  | 90-1  | 13841   | 13641   | 13732   | 13738   | 0.73   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 12:12:07 | DataFile Name :   | 005CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 3100 | 3059 | 2825 | 2995    | 4.95   | cps   |

LB Number : LB89660 Operator : Jaswal  
 Lab Sample ID : S03 Instrumnet Name : P8  
 Client Sample ID : S03 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-22 12:15:37 DataFile Name : 006CAL.S.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 7819    | 7903    | 7602    | 7775    | 1.99   | cps   |
| Antimony   | 121-1 | 519701  | 521751  | 514921  | 518791  | 0.68   | cps   |
| Arsenic    | 75-2  | 6878    | 6755    | 6774    | 6802    | 0.97   | cps   |
| Barium     | 135-1 | 524615  | 526267  | 526683  | 525855  | 0.21   | cps   |
| Barium     | 137-1 | 897036  | 905952  | 909024  | 904004  | 0.69   | cps   |
| Beryllium  | 9-1   | 56394   | 56578   | 56946   | 56639   | 0.50   | cps   |
| Bismuth    | 209-1 | 4568616 | 4590490 | 4505590 | 4554898 | 0.97   | cps   |
| Bismuth    | 209-2 | 1543299 | 1536864 | 1529460 | 1536541 | 0.45   | cps   |
| Boron      | 10-1  | 6752    | 6243    | 6644    | 6546    | 4.09   | cps   |
| Boron      | 11-1  | 31101   | 30792   | 32379   | 31424   | 2.68   | cps   |
| Cadmium    | 111-1 | 116408  | 119418  | 118276  | 118034  | 1.29   | cps   |
| Cadmium    | 106-1 | 14033   | 13924   | 13707   | 13888   | 1.19   | cps   |
| Cadmium    | 108-1 | 8244    | 8482    | 8136    | 8287    | 2.14   | cps   |
| Calcium    | 43-1  | 111121  | 113095  | 110919  | 111712  | 1.08   | cps   |
| Calcium    | 44-1  | 1867747 | 1884344 | 1873858 | 1875316 | 0.45   | cps   |
| Chromium   | 52-2  | 55660   | 56460   | 55841   | 55987   | 0.75   | cps   |
| Cobalt     | 59-2  | 116498  | 114321  | 115231  | 115350  | 0.95   | cps   |
| Copper     | 63-2  | 201971  | 199382  | 199980  | 200444  | 0.68   | cps   |
| Dysprosium | 156-1 | 33      | 50      | 8       | 31      | 68.64  | cps   |
| Dysprosium | 156-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 33      | 42      | 33      | 36      | 13.33  | cps   |
| Erbium     | 164-2 | 0       | 10      | 10      | 7       | 86.60  | cps   |
| Gadolinium | 160-1 | 67      | 108     | 75      | 83      | 26.46  | cps   |
| Gadolinium | 160-2 | 3       | 10      | 13      | 9       | 57.30  | cps   |
| Holmium    | 165-1 | 7788410 | 7820959 | 7668909 | 7759426 | 1.03   | cps   |
| Holmium    | 165-2 | 2071019 | 2048073 | 2025677 | 2048256 | 1.11   | cps   |
| Indium     | 115-1 | 7149003 | 7205779 | 6956792 | 7103858 | 1.84   | cps   |
| Indium     | 115-2 | 380651  | 379404  | 378616  | 379557  | 0.27   | cps   |
| Iron       | 56-2  | 1927032 | 1910723 | 1910719 | 1916158 | 0.49   | cps   |
| Iron       | 57-2  | 48451   | 47609   | 48033   | 48031   | 0.88   | cps   |
| Lead       | 206-1 | 259602  | 264413  | 263863  | 262626  | 1.00   | cps   |
| Lead       | 207-1 | 236781  | 238728  | 238707  | 238072  | 0.47   | cps   |
| Lead       | 208-1 | 1062246 | 1071444 | 1072919 | 1068870 | 0.54   | cps   |
| Lithium    | 6-1   | 647189  | 646877  | 644960  | 646342  | 0.19   | cps   |
| Magnesium  | 24-2  | 184541  | 185485  | 183957  | 184661  | 0.42   | cps   |
| Manganese  | 55-2  | 32501   | 31770   | 32381   | 32217   | 1.22   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89660             | Operator :        | Jaswal     |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S03                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-22 12:15:37 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 418567  | 419261  | 412860  | 416896  | 0.84   | cps   |
| Molybdenum | 95-1  | 222353  | 222419  | 223335  | 222702  | 0.25   | cps   |
| Molybdenum | 96-1  | 287107  | 286442  | 288474  | 287341  | 0.36   | cps   |
| Molybdenum | 97-1  | 139133  | 139410  | 137372  | 138638  | 0.80   | cps   |
| Molybdenum | 98-1  | 356853  | 360376  | 358434  | 358554  | 0.49   | cps   |
| Neodymium  | 150-1 | 40      | 33      | 13      | 29      | 48.05  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 34175   | 34339   | 33811   | 34109   | 0.79   | cps   |
| Phosphorus | 31-2  | 667     | 517     | 567     | 583     | 13.09  | cps   |
| Potassium  | 39-2  | 63662   | 63477   | 64440   | 63859   | 0.80   | cps   |
| Rhodium    | 103-1 | 6652431 | 6696116 | 6576367 | 6641638 | 0.91   | cps   |
| Rhodium    | 103-2 | 1935423 | 1918791 | 1920145 | 1924786 | 0.48   | cps   |
| Scandium   | 45-1  | 4142973 | 4173664 | 4088812 | 4135150 | 1.04   | cps   |
| Scandium   | 45-2  | 39516   | 39539   | 39449   | 39501   | 0.12   | cps   |
| Selenium   | 77-2  | 70      | 67      | 73      | 70      | 4.76   | cps   |
| Selenium   | 78-2  | 178     | 180     | 193     | 183     | 4.40   | cps   |
| Selenium   | 82-1  | 7315    | 7275    | 7084    | 7225    | 1.71   | cps   |
| Silicon    | 28-1  | 694051  | 700761  | 694134  | 696315  | 0.55   | cps   |
| Silver     | 109-1 | 538724  | 541438  | 533982  | 538048  | 0.70   | cps   |
| Silver     | 107-1 | 1370147 | 1379634 | 1364646 | 1371475 | 0.55   | cps   |
| Sodium     | 23-2  | 452946  | 446664  | 448092  | 449234  | 0.73   | cps   |
| Strontium  | 86-1  | 148003  | 144651  | 147952  | 146869  | 1.31   | cps   |
| Strontium  | 88-1  | 1283656 | 1274604 | 1269749 | 1276003 | 0.55   | cps   |
| Sulfur     | 34-1  | 427708  | 429303  | 429966  | 428992  | 0.27   | cps   |
| Terbium    | 159-1 | 8149807 | 8157981 | 8101473 | 8136420 | 0.38   | cps   |
| Terbium    | 159-2 | 1997330 | 1971597 | 1981515 | 1983481 | 0.65   | cps   |
| Thallium   | 203-1 | 324012  | 326812  | 323292  | 324705  | 0.57   | cps   |
| Thallium   | 205-1 | 768359  | 786422  | 776070  | 776950  | 1.17   | cps   |
| Tin        | 118-1 | 361483  | 364792  | 360727  | 362334  | 0.60   | cps   |
| Titanium   | 47-1  | 58406   | 58841   | 58481   | 58576   | 0.40   | cps   |
| Uranium    | 238-1 | 969506  | 975087  | 964910  | 969835  | 0.53   | cps   |
| Vanadium   | 51-2  | 40432   | 40060   | 41324   | 40605   | 1.60   | cps   |
| Yttrium    | 89-1  | 7683008 | 7636691 | 7614639 | 7644779 | 0.46   | cps   |
| Yttrium    | 89-2  | 281350  | 280887  | 278940  | 280392  | 0.46   | cps   |
| Zinc       | 66-2  | 19103   | 18412   | 18706   | 18741   | 1.85   | cps   |
| Zirconium  | 90-1  | 804815  | 789354  | 800327  | 798166  | 1.00   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S03                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 12:15:37 | DataFile Name :   | 006CALS.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 173990 | 175847 | 177314 | 175717  | 0.95   | cps   |

LB Number : LB89660 Operator : Jaswal  
 Lab Sample ID : S04 Instrumnet Name : P8  
 Client Sample ID : S04 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-22 12:19:06 DataFile Name : 007CAL.S.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 18763   | 18104   | 18546   | 18471   | 1.82   | cps   |
| Antimony   | 121-1 | 1317553 | 1310176 | 1307031 | 1311587 | 0.41   | cps   |
| Arsenic    | 75-2  | 17622   | 17424   | 17189   | 17412   | 1.25   | cps   |
| Barium     | 135-1 | 1329516 | 1315941 | 1328633 | 1324697 | 0.57   | cps   |
| Barium     | 137-1 | 2296823 | 2315862 | 2291515 | 2301400 | 0.56   | cps   |
| Beryllium  | 9-1   | 141533  | 141068  | 141572  | 141391  | 0.20   | cps   |
| Bismuth    | 209-1 | 4550075 | 4545588 | 4567819 | 4554494 | 0.26   | cps   |
| Bismuth    | 209-2 | 1509300 | 1474159 | 1543753 | 1509071 | 2.31   | cps   |
| Boron      | 10-1  | 15951   | 16894   | 16385   | 16410   | 2.88   | cps   |
| Boron      | 11-1  | 77869   | 78749   | 77107   | 77908   | 1.05   | cps   |
| Cadmium    | 111-1 | 293340  | 292316  | 293996  | 293217  | 0.29   | cps   |
| Cadmium    | 106-1 | 32565   | 32190   | 32256   | 32337   | 0.62   | cps   |
| Cadmium    | 108-1 | 20311   | 21017   | 20295   | 20541   | 2.01   | cps   |
| Calcium    | 43-1  | 276497  | 279336  | 274837  | 276890  | 0.82   | cps   |
| Calcium    | 44-1  | 4519435 | 4529132 | 4509965 | 4519511 | 0.21   | cps   |
| Chromium   | 52-2  | 140035  | 139244  | 139056  | 139445  | 0.37   | cps   |
| Cobalt     | 59-2  | 289061  | 287008  | 286791  | 287620  | 0.44   | cps   |
| Copper     | 63-2  | 501482  | 501311  | 498924  | 500572  | 0.29   | cps   |
| Dysprosium | 156-1 | 0       | 42      | 33      | 25      | 88.19  | cps   |
| Dysprosium | 156-2 | 7       | 7       | 13      | 9       | 43.25  | cps   |
| Erbium     | 164-1 | 25      | 67      | 42      | 44      | 47.19  | cps   |
| Erbium     | 164-2 | 3       | 7       | 7       | 6       | 34.70  | cps   |
| Gadolinium | 160-1 | 92      | 92      | 83      | 89      | 5.41   | cps   |
| Gadolinium | 160-2 | 13      | 20      | 10      | 14      | 35.26  | cps   |
| Holmium    | 165-1 | 7784532 | 7750618 | 7802388 | 7779179 | 0.34   | cps   |
| Holmium    | 165-2 | 2009067 | 1984290 | 2058767 | 2017375 | 1.88   | cps   |
| Indium     | 115-1 | 7008659 | 6981555 | 7022203 | 7004139 | 0.30   | cps   |
| Indium     | 115-2 | 369022  | 361855  | 374406  | 368428  | 1.71   | cps   |
| Iron       | 56-2  | 4773509 | 4704261 | 4703392 | 4727054 | 0.85   | cps   |
| Iron       | 57-2  | 121385  | 118213  | 119200  | 119599  | 1.36   | cps   |
| Lead       | 206-1 | 663010  | 664735  | 668170  | 665305  | 0.39   | cps   |
| Lead       | 207-1 | 603449  | 598631  | 606503  | 602861  | 0.66   | cps   |
| Lead       | 208-1 | 2706273 | 2695346 | 2712647 | 2704755 | 0.32   | cps   |
| Lithium    | 6-1   | 642197  | 641456  | 645819  | 643157  | 0.36   | cps   |
| Magnesium  | 24-2  | 459410  | 461040  | 455628  | 458693  | 0.61   | cps   |
| Manganese  | 55-2  | 81107   | 80792   | 80507   | 80802   | 0.37   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89660             | Operator :        | Jaswal     |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S04                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-22 12:19:06 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 1056652 | 1050630 | 1054254 | 1053845 | 0.29   | cps   |
| Molybdenum | 95-1  | 567190  | 565376  | 561254  | 564607  | 0.54   | cps   |
| Molybdenum | 96-1  | 722194  | 724919  | 723016  | 723376  | 0.19   | cps   |
| Molybdenum | 97-1  | 350127  | 349138  | 357268  | 352178  | 1.26   | cps   |
| Molybdenum | 98-1  | 904479  | 895024  | 904603  | 901369  | 0.61   | cps   |
| Neodymium  | 150-1 | 40      | 47      | 127     | 71      | 67.82  | cps   |
| Neodymium  | 150-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 85208   | 85675   | 84052   | 84978   | 0.98   | cps   |
| Phosphorus | 31-2  | 1358    | 1508    | 1417    | 1428    | 5.30   | cps   |
| Potassium  | 39-2  | 155214  | 153426  | 153586  | 154076  | 0.64   | cps   |
| Rhodium    | 103-1 | 6545002 | 6571624 | 6613521 | 6576715 | 0.53   | cps   |
| Rhodium    | 103-2 | 1888977 | 1844413 | 1913007 | 1882133 | 1.85   | cps   |
| Scandium   | 45-1  | 4084973 | 4061248 | 4045329 | 4063850 | 0.49   | cps   |
| Scandium   | 45-2  | 38399   | 36648   | 39395   | 38148   | 3.65   | cps   |
| Selenium   | 77-2  | 87      | 160     | 173     | 140     | 33.33  | cps   |
| Selenium   | 78-2  | 422     | 481     | 444     | 449     | 6.66   | cps   |
| Selenium   | 82-1  | 18118   | 18306   | 18255   | 18227   | 0.53   | cps   |
| Silicon    | 28-1  | 917774  | 917695  | 925287  | 920252  | 0.47   | cps   |
| Silver     | 109-1 | 1344433 | 1335552 | 1340126 | 1340037 | 0.33   | cps   |
| Silver     | 107-1 | 3423834 | 3413266 | 3426127 | 3421076 | 0.20   | cps   |
| Sodium     | 23-2  | 1137975 | 1136034 | 1143647 | 1139218 | 0.35   | cps   |
| Strontium  | 86-1  | 373805  | 368945  | 372409  | 371719  | 0.67   | cps   |
| Strontium  | 88-1  | 3224530 | 3228256 | 3215344 | 3222710 | 0.21   | cps   |
| Sulfur     | 34-1  | 480215  | 482068  | 479591  | 480625  | 0.27   | cps   |
| Terbium    | 159-1 | 8157219 | 8215609 | 8156816 | 8176548 | 0.41   | cps   |
| Terbium    | 159-2 | 1927435 | 1912153 | 1985754 | 1941781 | 2.00   | cps   |
| Thallium   | 203-1 | 829342  | 831060  | 827354  | 829252  | 0.22   | cps   |
| Thallium   | 205-1 | 1985575 | 1992390 | 1994260 | 1990742 | 0.23   | cps   |
| Tin        | 118-1 | 908002  | 905103  | 910805  | 907970  | 0.31   | cps   |
| Titanium   | 47-1  | 143848  | 144403  | 146263  | 144838  | 0.87   | cps   |
| Uranium    | 238-1 | 2511257 | 2529776 | 2538857 | 2526630 | 0.56   | cps   |
| Vanadium   | 51-2  | 100413  | 102690  | 101320  | 101474  | 1.13   | cps   |
| Yttrium    | 89-1  | 7626566 | 7532753 | 7606346 | 7588555 | 0.65   | cps   |
| Yttrium    | 89-2  | 272400  | 266957  | 279451  | 272936  | 2.30   | cps   |
| Zinc       | 66-2  | 47000   | 47628   | 46458   | 47028   | 1.25   | cps   |
| Zirconium  | 90-1  | 2048807 | 2038375 | 2016133 | 2034438 | 0.82   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S04                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 12:19:06 | DataFile Name :   | 007CALS.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 447313 | 441502 | 448267 | 445694  | 0.82   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89660             | Operator :        | Jaswal     |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S05                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-22 12:22:30 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 36598   | 36147   | 35829   | 36192   | 1.07   | cps   |
| Antimony   | 121-1 | 2672919 | 2681162 | 2628780 | 2660954 | 1.06   | cps   |
| Arsenic    | 75-2  | 33426   | 33323   | 33836   | 33528   | 0.81   | cps   |
| Barium     | 135-1 | 2669523 | 2699326 | 2644761 | 2671203 | 1.02   | cps   |
| Barium     | 137-1 | 4590545 | 4611006 | 4562736 | 4588096 | 0.53   | cps   |
| Beryllium  | 9-1   | 278466  | 278467  | 273235  | 276723  | 1.09   | cps   |
| Bismuth    | 209-1 | 4704106 | 4616053 | 4605366 | 4641842 | 1.17   | cps   |
| Bismuth    | 209-2 | 1495506 | 1516523 | 1526858 | 1512962 | 1.06   | cps   |
| Boron      | 10-1  | 32187   | 32212   | 31719   | 32039   | 0.87   | cps   |
| Boron      | 11-1  | 152056  | 154297  | 152670  | 153008  | 0.76   | cps   |
| Cadmium    | 111-1 | 583559  | 582752  | 575403  | 580571  | 0.77   | cps   |
| Cadmium    | 106-1 | 61055   | 60336   | 61089   | 60827   | 0.70   | cps   |
| Cadmium    | 108-1 | 40365   | 40540   | 39675   | 40193   | 1.14   | cps   |
| Calcium    | 43-1  | 542428  | 545393  | 543003  | 543608  | 0.29   | cps   |
| Calcium    | 44-1  | 8768792 | 8904511 | 8741696 | 8805000 | 0.99   | cps   |
| Chromium   | 52-2  | 261892  | 265213  | 269479  | 265528  | 1.43   | cps   |
| Cobalt     | 59-2  | 550074  | 559342  | 555653  | 555023  | 0.84   | cps   |
| Copper     | 63-2  | 949410  | 959837  | 965860  | 958369  | 0.87   | cps   |
| Dysprosium | 156-1 | 42      | 92      | 50      | 61      | 43.83  | cps   |
| Dysprosium | 156-2 | 3       | 7       | 3       | 4       | 43.40  | cps   |
| Erbium     | 164-1 | 50      | 42      | 50      | 47      | 10.18  | cps   |
| Erbium     | 164-2 | 3       | 3       | 13      | 7       | 86.65  | cps   |
| Gadolinium | 160-1 | 92      | 133     | 117     | 114     | 18.41  | cps   |
| Gadolinium | 160-2 | 3       | 20      | 10      | 11      | 75.52  | cps   |
| Holmium    | 165-1 | 7910334 | 7930689 | 7884228 | 7908417 | 0.29   | cps   |
| Holmium    | 165-2 | 1989394 | 1993288 | 2032794 | 2005158 | 1.20   | cps   |
| Indium     | 115-1 | 7099907 | 7067242 | 7053415 | 7073521 | 0.34   | cps   |
| Indium     | 115-2 | 359447  | 367319  | 366801  | 364522  | 1.21   | cps   |
| Iron       | 56-2  | 8988988 | 9090356 | 9114835 | 9064726 | 0.74   | cps   |
| Iron       | 57-2  | 224992  | 229888  | 228019  | 227633  | 1.09   | cps   |
| Lead       | 206-1 | 1347440 | 1335786 | 1334144 | 1339123 | 0.54   | cps   |
| Lead       | 207-1 | 1214225 | 1204031 | 1220346 | 1212868 | 0.68   | cps   |
| Lead       | 208-1 | 5520006 | 5463641 | 5521266 | 5501638 | 0.60   | cps   |
| Lithium    | 6-1   | 635077  | 637618  | 630347  | 634347  | 0.58   | cps   |
| Magnesium  | 24-2  | 878802  | 898731  | 894257  | 890597  | 1.17   | cps   |
| Manganese  | 55-2  | 152188  | 155632  | 155255  | 154358  | 1.22   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89660             | Operator :        | Jaswal     |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S05                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-22 12:22:30 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 2122087 | 2108839 | 2099326 | 2110084 | 0.54   | cps   |
| Molybdenum | 95-1  | 1117515 | 1121943 | 1102401 | 1113953 | 0.92   | cps   |
| Molybdenum | 96-1  | 1456859 | 1434031 | 1431311 | 1440734 | 0.97   | cps   |
| Molybdenum | 97-1  | 698440  | 697363  | 684779  | 693527  | 1.10   | cps   |
| Molybdenum | 98-1  | 1820307 | 1831485 | 1793070 | 1814954 | 1.09   | cps   |
| Neodymium  | 150-1 | 153     | 93      | 120     | 122     | 24.59  | cps   |
| Neodymium  | 150-2 | 7       | 3       | 7       | 6       | 34.70  | cps   |
| Nickel     | 60-2  | 160448  | 163601  | 165149  | 163066  | 1.47   | cps   |
| Phosphorus | 31-2  | 2517    | 2667    | 2917    | 2700    | 7.48   | cps   |
| Potassium  | 39-2  | 288210  | 290018  | 289477  | 289235  | 0.32   | cps   |
| Rhodium    | 103-1 | 6600902 | 6576605 | 6484544 | 6554017 | 0.94   | cps   |
| Rhodium    | 103-2 | 1860675 | 1868299 | 1878839 | 1869271 | 0.49   | cps   |
| Scandium   | 45-1  | 4072486 | 4096925 | 4038381 | 4069264 | 0.72   | cps   |
| Scandium   | 45-2  | 37410   | 38677   | 37366   | 37818   | 1.97   | cps   |
| Selenium   | 77-2  | 263     | 323     | 323     | 303     | 11.42  | cps   |
| Selenium   | 78-2  | 896     | 882     | 878     | 885     | 1.11   | cps   |
| Selenium   | 82-1  | 35843   | 35951   | 35192   | 35662   | 1.15   | cps   |
| Silicon    | 28-1  | 1369480 | 1377169 | 1373286 | 1373312 | 0.28   | cps   |
| Silver     | 109-1 | 2726052 | 2700721 | 2674410 | 2700395 | 0.96   | cps   |
| Silver     | 107-1 | 6948454 | 6869484 | 6793581 | 6870507 | 1.13   | cps   |
| Sodium     | 23-2  | 2186171 | 2225481 | 2184571 | 2198741 | 1.05   | cps   |
| Strontium  | 86-1  | 731446  | 735176  | 724578  | 730400  | 0.74   | cps   |
| Strontium  | 88-1  | 6320105 | 6363199 | 6218519 | 6300608 | 1.18   | cps   |
| Sulfur     | 34-1  | 556947  | 548861  | 538044  | 547951  | 1.73   | cps   |
| Terbium    | 159-1 | 8223989 | 8415920 | 8182414 | 8274108 | 1.51   | cps   |
| Terbium    | 159-2 | 1954930 | 1954975 | 1964337 | 1958081 | 0.28   | cps   |
| Thallium   | 203-1 | 1704564 | 1672871 | 1681384 | 1686273 | 0.97   | cps   |
| Thallium   | 205-1 | 4035211 | 4018730 | 3988250 | 4014064 | 0.59   | cps   |
| Tin        | 118-1 | 1856688 | 1868769 | 1833828 | 1853095 | 0.96   | cps   |
| Titanium   | 47-1  | 286543  | 288199  | 285540  | 286761  | 0.47   | cps   |
| Uranium    | 238-1 | 5061111 | 5028385 | 5008261 | 5032586 | 0.53   | cps   |
| Vanadium   | 51-2  | 193637  | 196845  | 198573  | 196352  | 1.28   | cps   |
| Yttrium    | 89-1  | 7652000 | 7668128 | 7534098 | 7618075 | 0.96   | cps   |
| Yttrium    | 89-2  | 268048  | 272982  | 273103  | 271378  | 1.06   | cps   |
| Zinc       | 66-2  | 88993   | 91378   | 90446   | 90272   | 1.33   | cps   |
| Zirconium  | 90-1  | 4049180 | 3998859 | 3968491 | 4005510 | 1.02   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S05                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 12:22:30 | DataFile Name :   | 008CALS.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 892012 | 881200 | 879230 | 884147  | 0.78   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89660             | Operator :        | Jaswal     |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S06                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-22 12:25:48 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 70065    | 70568    | 69815    | 70149    | 0.55   | cps   |
| Antimony   | 121-1 | 5206223  | 5233395  | 5207226  | 5215615  | 0.30   | cps   |
| Arsenic    | 75-2  | 65216    | 63828    | 63945    | 64329    | 1.20   | cps   |
| Barium     | 135-1 | 5300765  | 5371370  | 5244764  | 5305633  | 1.20   | cps   |
| Barium     | 137-1 | 9020121  | 9118381  | 8981281  | 9039928  | 0.78   | cps   |
| Beryllium  | 9-1   | 542107   | 536670   | 536813   | 538530   | 0.58   | cps   |
| Bismuth    | 209-1 | 4418142  | 4786281  | 4669499  | 4624641  | 4.07   | cps   |
| Bismuth    | 209-2 | 1496254  | 1484314  | 1494363  | 1491643  | 0.43   | cps   |
| Boron      | 10-1  | 63768    | 65367    | 63959    | 64365    | 1.36   | cps   |
| Boron      | 11-1  | 296674   | 300449   | 301881   | 299668   | 0.90   | cps   |
| Cadmium    | 111-1 | 1146509  | 1138380  | 1129498  | 1138129  | 0.75   | cps   |
| Cadmium    | 106-1 | 118955   | 118004   | 118836   | 118598   | 0.44   | cps   |
| Cadmium    | 108-1 | 79931    | 79168    | 79315    | 79471    | 0.51   | cps   |
| Calcium    | 43-1  | 1065169  | 1058894  | 1050435  | 1058166  | 0.70   | cps   |
| Calcium    | 44-1  | 17252534 | 16995662 | 16996821 | 17081672 | 0.87   | cps   |
| Chromium   | 52-2  | 513057   | 510520   | 508844   | 510807   | 0.42   | cps   |
| Cobalt     | 59-2  | 1072991  | 1065855  | 1070944  | 1069930  | 0.34   | cps   |
| Copper     | 63-2  | 1871462  | 1850872  | 1873168  | 1865168  | 0.67   | cps   |
| Dysprosium | 156-1 | 108      | 83       | 100      | 97       | 13.09  | cps   |
| Dysprosium | 156-2 | 20       | 23       | 17       | 20       | 16.65  | cps   |
| Erbium     | 164-1 | 33       | 92       | 50       | 58       | 51.50  | cps   |
| Erbium     | 164-2 | 23       | 0        | 7        | 10       | 120.16 | cps   |
| Gadolinium | 160-1 | 117      | 100      | 108      | 108      | 7.69   | cps   |
| Gadolinium | 160-2 | 30       | 20       | 33       | 28       | 24.98  | cps   |
| Holmium    | 165-1 | 7363620  | 8022950  | 8015438  | 7800669  | 4.85   | cps   |
| Holmium    | 165-2 | 1999641  | 1993150  | 1984269  | 1992353  | 0.39   | cps   |
| Indium     | 115-1 | 6458657  | 6894093  | 6829196  | 6727315  | 3.49   | cps   |
| Indium     | 115-2 | 347568   | 344571   | 348329   | 346823   | 0.57   | cps   |
| Iron       | 56-2  | 17540823 | 17549981 | 17325132 | 17471979 | 0.73   | cps   |
| Iron       | 57-2  | 440263   | 439736   | 436251   | 438750   | 0.50   | cps   |
| Lead       | 206-1 | 2815549  | 2803277  | 2774628  | 2797818  | 0.75   | cps   |
| Lead       | 207-1 | 2534526  | 2566609  | 2550954  | 2550697  | 0.63   | cps   |
| Lead       | 208-1 | 11359985 | 11367877 | 11269350 | 11332404 | 0.48   | cps   |
| Lithium    | 6-1   | 582937   | 624213   | 620615   | 609255   | 3.75   | cps   |
| Magnesium  | 24-2  | 1771123  | 1778738  | 1794187  | 1781349  | 0.66   | cps   |
| Manganese  | 55-2  | 296021   | 292847   | 294081   | 294316   | 0.54   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89660             | Operator :        | Jaswal     |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S06                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-22 12:25:48 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 4173612  | 4158222  | 4104902  | 4145578  | 0.87   | cps   |
| Molybdenum | 95-1  | 2266324  | 2256444  | 2238838  | 2253869  | 0.62   | cps   |
| Molybdenum | 96-1  | 2908200  | 2858363  | 2850199  | 2872254  | 1.09   | cps   |
| Molybdenum | 97-1  | 1367603  | 1372758  | 1362974  | 1367778  | 0.36   | cps   |
| Molybdenum | 98-1  | 3590538  | 3562903  | 3568976  | 3574139  | 0.41   | cps   |
| Neodymium  | 150-1 | 200      | 213      | 160      | 191      | 14.52  | cps   |
| Neodymium  | 150-2 | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Nickel     | 60-2  | 314530   | 314958   | 315207   | 314898   | 0.11   | cps   |
| Phosphorus | 31-2  | 5510     | 5493     | 5418     | 5474     | 0.89   | cps   |
| Potassium  | 39-2  | 550270   | 548644   | 549659   | 549525   | 0.15   | cps   |
| Rhodium    | 103-1 | 5972924  | 6444621  | 6352208  | 6256584  | 4.00   | cps   |
| Rhodium    | 103-2 | 1808875  | 1800645  | 1816541  | 1808687  | 0.44   | cps   |
| Scandium   | 45-1  | 3670255  | 3924682  | 3883050  | 3825996  | 3.57   | cps   |
| Scandium   | 45-2  | 37286    | 36330    | 37611    | 37076    | 1.79   | cps   |
| Selenium   | 77-2  | 510      | 510      | 453      | 491      | 6.66   | cps   |
| Selenium   | 78-2  | 1558     | 1633     | 1691     | 1627     | 4.11   | cps   |
| Selenium   | 82-1  | 69727    | 70096    | 69288    | 69704    | 0.58   | cps   |
| Silicon    | 28-1  | 2221972  | 2225599  | 2206442  | 2218004  | 0.46   | cps   |
| Silver     | 109-1 | 5304367  | 5247215  | 5231554  | 5261045  | 0.73   | cps   |
| Silver     | 107-1 | 13458382 | 13361046 | 13281379 | 13366935 | 0.66   | cps   |
| Sodium     | 23-2  | 4206163  | 4224068  | 4174522  | 4201584  | 0.60   | cps   |
| Strontium  | 86-1  | 1466786  | 1455020  | 1442300  | 1454702  | 0.84   | cps   |
| Strontium  | 88-1  | 12244419 | 12448245 | 12282023 | 12324896 | 0.88   | cps   |
| Sulfur     | 34-1  | 691703   | 691785   | 678228   | 687239   | 1.14   | cps   |
| Terbium    | 159-1 | 7742002  | 8323769  | 8324771  | 8130181  | 4.13   | cps   |
| Terbium    | 159-2 | 1918839  | 1913840  | 1894795  | 1909158  | 0.66   | cps   |
| Thallium   | 203-1 | 3470792  | 3521395  | 3467912  | 3486700  | 0.86   | cps   |
| Thallium   | 205-1 | 8083788  | 8082782  | 8096266  | 8087612  | 0.09   | cps   |
| Tin        | 118-1 | 3649703  | 3639657  | 3595146  | 3628169  | 0.80   | cps   |
| Titanium   | 47-1  | 553688   | 555900   | 549643   | 553077   | 0.57   | cps   |
| Uranium    | 238-1 | 10343701 | 10514531 | 10220847 | 10359693 | 1.42   | cps   |
| Vanadium   | 51-2  | 381460   | 379207   | 379277   | 379981   | 0.34   | cps   |
| Yttrium    | 89-1  | 6871689  | 7490403  | 7373290  | 7245127  | 4.54   | cps   |
| Yttrium    | 89-2  | 263553   | 259221   | 260788   | 261187   | 0.84   | cps   |
| Zinc       | 66-2  | 172666   | 172852   | 170338   | 171952   | 0.81   | cps   |
| Zirconium  | 90-1  | 7860804  | 7861458  | 7758476  | 7826913  | 0.76   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S06                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 12:25:48 | DataFile Name :   | 009CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1796363 | 1774385 | 1748080 | 1772943 | 1.36   | cps   |

LB Number : LB89660 Operator : Jaswal  
 Lab Sample ID : S07 Instrumnet Name : P8  
 Client Sample ID : S07 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-22 12:29:01 DataFile Name : 010CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 133952   | 137670   | 139622   | 137081   | 2.10   | cps   |
| Antimony   | 121-1 | 10182295 | 10134146 | 10144544 | 10153662 | 0.25   | cps   |
| Arsenic    | 75-2  | 123242   | 123204   | 122179   | 122875   | 0.49   | cps   |
| Barium     | 135-1 | 10430177 | 10288882 | 10350542 | 10356533 | 0.68   | cps   |
| Barium     | 137-1 | 17866055 | 17849864 | 17897943 | 17871287 | 0.14   | cps   |
| Beryllium  | 9-1   | 1073988  | 1060525  | 1030634  | 1055049  | 2.10   | cps   |
| Bismuth    | 209-1 | 4778867  | 4794957  | 4778225  | 4784016  | 0.20   | cps   |
| Bismuth    | 209-2 | 1445990  | 1442457  | 1428792  | 1439080  | 0.63   | cps   |
| Boron      | 10-1  | 125883   | 125931   | 126495   | 126103   | 0.27   | cps   |
| Boron      | 11-1  | 589657   | 599697   | 603586   | 597647   | 1.20   | cps   |
| Cadmium    | 111-1 | 2248566  | 2255412  | 2238880  | 2247619  | 0.37   | cps   |
| Cadmium    | 106-1 | 227226   | 227032   | 227547   | 227268   | 0.11   | cps   |
| Cadmium    | 108-1 | 153865   | 153208   | 154670   | 153914   | 0.48   | cps   |
| Calcium    | 43-1  | 2038848  | 1999644  | 2060665  | 2033052  | 1.52   | cps   |
| Calcium    | 44-1  | 32912529 | 32852519 | 32575602 | 32780217 | 0.55   | cps   |
| Chromium   | 52-2  | 982056   | 973282   | 979752   | 978363   | 0.46   | cps   |
| Cobalt     | 59-2  | 2061225  | 2089265  | 2057570  | 2069353  | 0.84   | cps   |
| Copper     | 63-2  | 3518686  | 3559433  | 3533518  | 3537212  | 0.58   | cps   |
| Dysprosium | 156-1 | 192      | 133      | 133      | 153      | 22.05  | cps   |
| Dysprosium | 156-2 | 27       | 17       | 17       | 20       | 28.86  | cps   |
| Erbium     | 164-1 | 92       | 83       | 75       | 83       | 10.00  | cps   |
| Erbium     | 164-2 | 13       | 23       | 10       | 16       | 44.60  | cps   |
| Gadolinium | 160-1 | 200      | 192      | 142      | 178      | 17.75  | cps   |
| Gadolinium | 160-2 | 47       | 33       | 43       | 41       | 16.89  | cps   |
| Holmium    | 165-1 | 7996415  | 7987669  | 8081230  | 8021771  | 0.64   | cps   |
| Holmium    | 165-2 | 1940089  | 1945844  | 1920853  | 1935595  | 0.68   | cps   |
| Indium     | 115-1 | 6702091  | 6725950  | 6622015  | 6683352  | 0.81   | cps   |
| Indium     | 115-2 | 322724   | 325344   | 319141   | 322403   | 0.97   | cps   |
| Iron       | 56-2  | 33251719 | 33633541 | 33253655 | 33379638 | 0.66   | cps   |
| Iron       | 57-2  | 845430   | 846580   | 843982   | 845331   | 0.15   | cps   |
| Lead       | 206-1 | 5516231  | 5585568  | 5552262  | 5551354  | 0.62   | cps   |
| Lead       | 207-1 | 5089355  | 5157591  | 5075558  | 5107501  | 0.86   | cps   |
| Lead       | 208-1 | 22514174 | 22642107 | 22461432 | 22539238 | 0.41   | cps   |
| Lithium    | 6-1   | 617528   | 608335   | 606650   | 610837   | 0.96   | cps   |
| Magnesium  | 24-2  | 3429067  | 3407630  | 3431434  | 3422710  | 0.38   | cps   |
| Manganese  | 55-2  | 559715   | 560913   | 561673   | 560767   | 0.18   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89660             | Operator :        | Jaswal     |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S07                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-22 12:29:01 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 7931624  | 8042587  | 8021214  | 7998475  | 0.74   | cps   |
| Molybdenum | 95-1  | 4337126  | 4337760  | 4312049  | 4328979  | 0.34   | cps   |
| Molybdenum | 96-1  | 5524038  | 5499061  | 5541996  | 5521698  | 0.39   | cps   |
| Molybdenum | 97-1  | 2668327  | 2689293  | 2684172  | 2680597  | 0.41   | cps   |
| Molybdenum | 98-1  | 6874752  | 6909681  | 6846248  | 6876894  | 0.46   | cps   |
| Neodymium  | 150-1 | 467      | 367      | 407      | 413      | 12.18  | cps   |
| Neodymium  | 150-2 | 3        | 7        | 20       | 10       | 88.20  | cps   |
| Nickel     | 60-2  | 594879   | 596666   | 593931   | 595159   | 0.23   | cps   |
| Phosphorus | 31-2  | 10696    | 10296    | 10921    | 10638    | 2.98   | cps   |
| Potassium  | 39-2  | 1034237  | 1035113  | 1045860  | 1038403  | 0.62   | cps   |
| Rhodium    | 103-1 | 6225225  | 6199368  | 6102242  | 6175612  | 1.05   | cps   |
| Rhodium    | 103-2 | 1722248  | 1732943  | 1726033  | 1727075  | 0.31   | cps   |
| Scandium   | 45-1  | 3797086  | 3767135  | 3720661  | 3761627  | 1.02   | cps   |
| Scandium   | 45-2  | 35291    | 36193    | 35662    | 35716    | 1.27   | cps   |
| Selenium   | 77-2  | 1013     | 877      | 887      | 926      | 8.23   | cps   |
| Selenium   | 78-2  | 2952     | 3074     | 3039     | 3022     | 2.08   | cps   |
| Selenium   | 82-1  | 132976   | 133421   | 133000   | 133132   | 0.19   | cps   |
| Silicon    | 28-1  | 3677725  | 3686971  | 3667637  | 3677444  | 0.26   | cps   |
| Silver     | 109-1 | 9986899  | 10113085 | 10053145 | 10051043 | 0.63   | cps   |
| Silver     | 107-1 | 25426241 | 25663792 | 25592041 | 25560691 | 0.48   | cps   |
| Sodium     | 23-2  | 8230569  | 8118927  | 8247186  | 8198894  | 0.85   | cps   |
| Strontium  | 86-1  | 2783996  | 2810444  | 2773475  | 2789305  | 0.68   | cps   |
| Strontium  | 88-1  | 23905807 | 23865765 | 23599909 | 23790494 | 0.70   | cps   |
| Sulfur     | 34-1  | 963535   | 960566   | 953339   | 959146   | 0.55   | cps   |
| Terbium    | 159-1 | 8373300  | 8338604  | 8347321  | 8353075  | 0.22   | cps   |
| Terbium    | 159-2 | 1867457  | 1853019  | 1846079  | 1855518  | 0.59   | cps   |
| Thallium   | 203-1 | 6823729  | 6933646  | 6927628  | 6895001  | 0.90   | cps   |
| Thallium   | 205-1 | 16016536 | 16421423 | 16372706 | 16270222 | 1.36   | cps   |
| Tin        | 118-1 | 7059132  | 7053815  | 6981173  | 7031373  | 0.62   | cps   |
| Titanium   | 47-1  | 1068965  | 1066135  | 1063314  | 1066138  | 0.27   | cps   |
| Uranium    | 238-1 | 21420466 | 21197325 | 21212243 | 21276678 | 0.59   | cps   |
| Vanadium   | 51-2  | 726106   | 729846   | 736524   | 730825   | 0.72   | cps   |
| Yttrium    | 89-1  | 7221058  | 7212171  | 7100710  | 7177979  | 0.93   | cps   |
| Yttrium    | 89-2  | 248759   | 250590   | 243315   | 247555   | 1.53   | cps   |
| Zinc       | 66-2  | 325773   | 326773   | 325853   | 326133   | 0.17   | cps   |
| Zirconium  | 90-1  | 15187751 | 15153572 | 15127421 | 15156248 | 0.20   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S07                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 12:29:01 | DataFile Name :   | 010CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 3459017 | 3442052 | 3407854 | 3436307 | 0.76   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89660             | Operator :        | Jaswal     |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S08                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-22 12:32:10 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 696048    | 703047    | 696403    | 698499    | 0.56   | cps   |
| Antimony   | 121-1 | 21911     | 21218     | 20951     | 21360     | 2.32   | cps   |
| Arsenic    | 75-2  | 43        | 26        | 57        | 42        | 37.52  | cps   |
| Barium     | 135-1 | 3534      | 3642      | 3226      | 3467      | 6.24   | cps   |
| Barium     | 137-1 | 6335      | 6602      | 6052      | 6330      | 4.35   | cps   |
| Beryllium  | 9-1   | 328       | 394       | 294       | 339       | 15.03  | cps   |
| Bismuth    | 209-1 | 4547968   | 4344274   | 4548563   | 4480269   | 2.63   | cps   |
| Bismuth    | 209-2 | 1398843   | 1400149   | 1390110   | 1396367   | 0.39   | cps   |
| Boron      | 10-1  | 5410      | 5726      | 4718      | 5285      | 9.76   | cps   |
| Boron      | 11-1  | 25423     | 23712     | 23211     | 24116     | 4.81   | cps   |
| Cadmium    | 111-1 | 1605      | 1564      | 1538      | 1569      | 2.17   | cps   |
| Cadmium    | 106-1 | 1692      | 1767      | 1725      | 1728      | 2.17   | cps   |
| Cadmium    | 108-1 | 42        | 21        | 17        | 26        | 50.76  | cps   |
| Calcium    | 43-1  | 9942848   | 9896029   | 10011526  | 9950135   | 0.58   | cps   |
| Calcium    | 44-1  | 161463962 | 161844358 | 162709645 | 162005988 | 0.39   | cps   |
| Chromium   | 52-2  | 4454      | 4634      | 4421      | 4503      | 2.55   | cps   |
| Cobalt     | 59-2  | 2530      | 2257      | 2394      | 2394      | 5.71   | cps   |
| Copper     | 63-2  | 5795      | 5788      | 5788      | 5790      | 0.07   | cps   |
| Dysprosium | 156-1 | 67        | 83        | 108       | 86        | 24.35  | cps   |
| Dysprosium | 156-2 | 10        | 20        | 20        | 17        | 34.64  | cps   |
| Erbium     | 164-1 | 50        | 67        | 58        | 58        | 14.29  | cps   |
| Erbium     | 164-2 | 3         | 3         | 20        | 9         | 108.30 | cps   |
| Gadolinium | 160-1 | 83        | 125       | 42        | 83        | 50.00  | cps   |
| Gadolinium | 160-2 | 43        | 13        | 27        | 28        | 54.11  | cps   |
| Holmium    | 165-1 | 7955957   | 7698011   | 7966752   | 7873573   | 1.93   | cps   |
| Holmium    | 165-2 | 1964727   | 1971348   | 1956183   | 1964086   | 0.39   | cps   |
| Indium     | 115-1 | 6478901   | 6301629   | 6557984   | 6446171   | 2.04   | cps   |
| Indium     | 115-2 | 330910    | 333821    | 331470    | 332067    | 0.47   | cps   |
| Iron       | 56-2  | 162902081 | 163449526 | 162337315 | 162896307 | 0.34   | cps   |
| Iron       | 57-2  | 4050289   | 4072924   | 4206243   | 4109819   | 2.05   | cps   |
| Lead       | 206-1 | 10521     | 10766     | 10510     | 10599     | 1.36   | cps   |
| Lead       | 207-1 | 9615      | 8948      | 9409      | 9324      | 3.66   | cps   |
| Lead       | 208-1 | 42874     | 41850     | 42830     | 42518     | 1.36   | cps   |
| Lithium    | 6-1   | 575187    | 554893    | 575819    | 568633    | 2.09   | cps   |
| Magnesium  | 24-2  | 16625459  | 16910146  | 16589523  | 16708376  | 1.05   | cps   |
| Manganese  | 55-2  | 1503      | 1403      | 1543      | 1483      | 4.86   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB89660             | Operator :        | Jaswal     |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S08                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2017-08-22 12:32:10 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3801     | 4026     | 3842     | 3890     | 3.08   | cps   |
| Molybdenum | 95-1  | 4226     | 4251     | 4618     | 4365     | 5.03   | cps   |
| Molybdenum | 96-1  | 6952     | 7311     | 7344     | 7202     | 3.02   | cps   |
| Molybdenum | 97-1  | 2642     | 2917     | 2650     | 2737     | 5.72   | cps   |
| Molybdenum | 98-1  | 7386     | 6385     | 6644     | 6805     | 7.63   | cps   |
| Neodymium  | 150-1 | 80       | 73       | 140      | 98       | 37.55  | cps   |
| Neodymium  | 150-2 | 17       | 10       | 13       | 13       | 25.01  | cps   |
| Nickel     | 60-2  | 1640     | 1717     | 1573     | 1643     | 4.36   | cps   |
| Phosphorus | 31-2  | 17       | 25       | 8        | 17       | 50.01  | cps   |
| Potassium  | 39-2  | 5042978  | 5221665  | 5198278  | 5154307  | 1.88   | cps   |
| Rhodium    | 103-1 | 5915918  | 5695199  | 5866270  | 5825796  | 1.99   | cps   |
| Rhodium    | 103-2 | 1682310  | 1681880  | 1680319  | 1681503  | 0.06   | cps   |
| Scandium   | 45-1  | 3658261  | 3526095  | 3692808  | 3625721  | 2.43   | cps   |
| Scandium   | 45-2  | 34823    | 35148    | 35595    | 35189    | 1.10   | cps   |
| Selenium   | 77-2  | 0        | 7        | 0        | 2        | 173.21 | cps   |
| Selenium   | 78-2  | 9        | 4        | 13       | 9        | 53.95  | cps   |
| Selenium   | 82-1  | 25       | -1       | 8        | 11       | 126.66 | cps   |
| Silicon    | 28-1  | 460121   | 454632   | 456853   | 457202   | 0.60   | cps   |
| Silver     | 109-1 | 1125     | 1083     | 992      | 1067     | 6.39   | cps   |
| Silver     | 107-1 | 2896     | 2750     | 2288     | 2645     | 12.01  | cps   |
| Sodium     | 23-2  | 40218759 | 40610260 | 40138663 | 40322561 | 0.63   | cps   |
| Strontium  | 86-1  | 92312    | 92102    | 92520    | 92311    | 0.23   | cps   |
| Strontium  | 88-1  | 796027   | 801091   | 801913   | 799677   | 0.40   | cps   |
| Sulfur     | 34-1  | 368227   | 373734   | 369565   | 370509   | 0.78   | cps   |
| Terbium    | 159-1 | 8191208  | 7999321  | 8266065  | 8152198  | 1.69   | cps   |
| Terbium    | 159-2 | 1889828  | 1887772  | 1883495  | 1887032  | 0.17   | cps   |
| Thallium   | 203-1 | 2175     | 2034     | 2017     | 2075     | 4.19   | cps   |
| Thallium   | 205-1 | 5393     | 5435     | 4993     | 5274     | 4.63   | cps   |
| Tin        | 118-1 | 6343     | 5943     | 5368     | 5885     | 8.33   | cps   |
| Titanium   | 47-1  | 675      | 1017     | 842      | 845      | 20.23  | cps   |
| Uranium    | 238-1 | 1675     | 1792     | 1534     | 1667     | 7.76   | cps   |
| Vanadium   | 51-2  | 220      | 240      | 220      | 227      | 5.09   | cps   |
| Yttrium    | 89-1  | 7014985  | 6811164  | 7012929  | 6946360  | 1.69   | cps   |
| Yttrium    | 89-2  | 250732   | 253628   | 254205   | 252855   | 0.74   | cps   |
| Zinc       | 66-2  | 1697     | 1623     | 1703     | 1675     | 2.65   | cps   |
| Zirconium  | 90-1  | 3142     | 3042     | 3201     | 3128     | 2.56   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S08                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 12:32:10 | DataFile Name :   | 011CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 633  | 867  | 558  | 686     | 23.44  | cps   |

LB Number : LB89660 Operator : Jaswal  
 Lab Sample ID : ICV Instrumnet Name : P8  
 Client Sample ID : ICV Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-22 12:35:32 DataFile Name : 012ICV.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 3467    | 3726    | 3376    | 3523    | 5.15   | cps   |
| Antimony   | 121-1 | 2057178 | 2039107 | 2035103 | 2043796 | 0.58   | cps   |
| Arsenic    | 75-2  | 26017   | 25696   | 25455   | 25723   | 1.10   | cps   |
| Barium     | 135-1 | 208103  | 208533  | 206918  | 207851  | 0.40   | cps   |
| Barium     | 137-1 | 358918  | 359568  | 356508  | 358331  | 0.45   | cps   |
| Beryllium  | 9-1   | 105378  | 103609  | 104325  | 104437  | 0.85   | cps   |
| Bismuth    | 209-1 | 4842893 | 4859888 | 4882333 | 4861705 | 0.41   | cps   |
| Bismuth    | 209-2 | 1527872 | 1537778 | 1528499 | 1531383 | 0.36   | cps   |
| Boron      | 10-1  | 71226   | 70607   | 72726   | 71520   | 1.52   | cps   |
| Boron      | 11-1  | 332869  | 333394  | 338953  | 335072  | 1.01   | cps   |
| Cadmium    | 111-1 | 231508  | 232312  | 230849  | 231556  | 0.32   | cps   |
| Cadmium    | 106-1 | 37152   | 36726   | 36893   | 36924   | 0.58   | cps   |
| Cadmium    | 108-1 | 21046   | 20775   | 20887   | 20903   | 0.65   | cps   |
| Calcium    | 43-1  | 48359   | 48133   | 47481   | 47991   | 0.95   | cps   |
| Calcium    | 44-1  | 774175  | 773621  | 769610  | 772468  | 0.32   | cps   |
| Chromium   | 52-2  | 100709  | 100957  | 101203  | 100956  | 0.24   | cps   |
| Cobalt     | 59-2  | 219014  | 218871  | 217236  | 218374  | 0.45   | cps   |
| Copper     | 63-2  | 190863  | 187608  | 187594  | 188688  | 1.00   | cps   |
| Dysprosium | 156-1 | 17      | 8       | 17      | 14      | 34.67  | cps   |
| Dysprosium | 156-2 | 0       | 7       | 3       | 3       | 100.05 | cps   |
| Erbium     | 164-1 | 83      | 108     | 133     | 108     | 23.08  | cps   |
| Erbium     | 164-2 | 23      | 27      | 17      | 22      | 22.91  | cps   |
| Gadolinium | 160-1 | 83      | 50      | 158     | 97      | 57.07  | cps   |
| Gadolinium | 160-2 | 7       | 13      | 13      | 11      | 34.61  | cps   |
| Holmium    | 165-1 | 7948060 | 8019227 | 8062185 | 8009824 | 0.72   | cps   |
| Holmium    | 165-2 | 2001713 | 2020326 | 1988063 | 2003368 | 0.81   | cps   |
| Indium     | 115-1 | 7103814 | 7006432 | 6929327 | 7013191 | 1.25   | cps   |
| Indium     | 115-2 | 356649  | 357061  | 352701  | 355470  | 0.68   | cps   |
| Iron       | 56-2  | 702008  | 703243  | 700790  | 702014  | 0.17   | cps   |
| Iron       | 57-2  | 18073   | 17350   | 18173   | 17866   | 2.51   | cps   |
| Lead       | 206-1 | 1106690 | 1112550 | 1111605 | 1110281 | 0.28   | cps   |
| Lead       | 207-1 | 967828  | 975197  | 970482  | 971169  | 0.38   | cps   |
| Lead       | 208-1 | 4493256 | 4501372 | 4512699 | 4502442 | 0.22   | cps   |
| Lithium    | 6-1   | 626083  | 629593  | 630018  | 628565  | 0.34   | cps   |
| Magnesium  | 24-2  | 43041   | 42674   | 42640   | 42785   | 0.52   | cps   |
| Manganese  | 55-2  | 29572   | 30116   | 29541   | 29743   | 1.09   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89660             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P8       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-22 12:35:32 | DataFile Name :   | 012ICV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 4094143  | 4047403  | 4116760  | 4086102  | 0.87   | cps   |
| Molybdenum | 95-1  | 2252552  | 2240691  | 2266997  | 2253413  | 0.58   | cps   |
| Molybdenum | 96-1  | 2871468  | 2861333  | 2888222  | 2873674  | 0.47   | cps   |
| Molybdenum | 97-1  | 1349902  | 1352640  | 1354864  | 1352469  | 0.18   | cps   |
| Molybdenum | 98-1  | 3538858  | 3570736  | 3534585  | 3548060  | 0.56   | cps   |
| Neodymium  | 150-1 | 27       | 20       | 20       | 22       | 17.33  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 64914    | 65436    | 64010    | 64786    | 1.11   | cps   |
| Phosphorus | 31-2  | 8        | 8        | 25       | 14       | 69.31  | cps   |
| Potassium  | 39-2  | 46971    | 47539    | 48802    | 47771    | 1.96   | cps   |
| Rhodium    | 103-1 | 6632185  | 6559315  | 6608157  | 6599886  | 0.56   | cps   |
| Rhodium    | 103-2 | 1880544  | 1884241  | 1862768  | 1875851  | 0.61   | cps   |
| Scandium   | 45-1  | 3965812  | 3946988  | 3961973  | 3958258  | 0.25   | cps   |
| Scandium   | 45-2  | 37256    | 37808    | 37751    | 37605    | 0.81   | cps   |
| Selenium   | 77-2  | 183      | 187      | 183      | 184      | 1.04   | cps   |
| Selenium   | 78-2  | 661      | 643      | 630      | 644      | 2.46   | cps   |
| Selenium   | 82-1  | 27122    | 27001    | 27362    | 27162    | 0.68   | cps   |
| Silicon    | 28-1  | 2080305  | 2062221  | 2061685  | 2068070  | 0.51   | cps   |
| Silver     | 109-1 | 1033195  | 1020730  | 1024742  | 1026222  | 0.62   | cps   |
| Silver     | 107-1 | 2628243  | 2603599  | 2601476  | 2611106  | 0.57   | cps   |
| Sodium     | 23-2  | 184244   | 182185   | 183551   | 183326   | 0.57   | cps   |
| Strontium  | 86-1  | 1437538  | 1431405  | 1405069  | 1424671  | 1.21   | cps   |
| Strontium  | 88-1  | 12240158 | 12186383 | 12272768 | 12233103 | 0.36   | cps   |
| Sulfur     | 34-1  | 381908   | 377040   | 376165   | 378371   | 0.82   | cps   |
| Terbium    | 159-1 | 8379852  | 8387068  | 8423767  | 8396896  | 0.28   | cps   |
| Terbium    | 159-2 | 1943155  | 1951000  | 1934151  | 1942769  | 0.43   | cps   |
| Thallium   | 203-1 | 1394418  | 1399820  | 1400193  | 1398143  | 0.23   | cps   |
| Thallium   | 205-1 | 3353409  | 3383093  | 3374408  | 3370303  | 0.45   | cps   |
| Tin        | 118-1 | 3695036  | 3675327  | 3686708  | 3685690  | 0.27   | cps   |
| Titanium   | 47-1  | 547913   | 552995   | 553378   | 551429   | 0.55   | cps   |
| Uranium    | 238-1 | 11264784 | 11287224 | 11383969 | 11311992 | 0.56   | cps   |
| Vanadium   | 51-2  | 75217    | 75539    | 75927    | 75561    | 0.47   | cps   |
| Yttrium    | 89-1  | 7482997  | 7435822  | 7402905  | 7440575  | 0.54   | cps   |
| Yttrium    | 89-2  | 264063   | 265996   | 261560   | 263873   | 0.84   | cps   |
| Zinc       | 66-2  | 35071    | 34764    | 35572    | 35136    | 1.16   | cps   |
| Zirconium  | 90-1  | 7627940  | 7635106  | 7688364  | 7650470  | 0.43   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89660             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P8       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-22 12:35:32 | DataFile Name :   | 012ICV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1720916 | 1774869 | 1735930 | 1743905 | 1.60   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P8        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 12:38:36 | DataFile Name :   | 013CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 42      | 42      | 17      | 33      | 43.30  | cps   |
| Antimony   | 121-1 | 1975    | 2042    | 1825    | 1947    | 5.70   | cps   |
| Arsenic    | 75-2  | 7       | 0       | 7       | 5       | 86.60  | cps   |
| Barium     | 135-1 | 50      | 50      | 58      | 53      | 9.12   | cps   |
| Barium     | 137-1 | 125     | 125     | 183     | 144     | 23.31  | cps   |
| Beryllium  | 9-1   | 200     | 172     | 189     | 187     | 7.48   | cps   |
| Bismuth    | 209-1 | 4868992 | 4840501 | 4835384 | 4848292 | 0.37   | cps   |
| Bismuth    | 209-2 | 1353672 | 1508146 | 1523555 | 1461791 | 6.43   | cps   |
| Boron      | 10-1  | 2534    | 2592    | 2734    | 2620    | 3.93   | cps   |
| Boron      | 11-1  | 13248   | 12539   | 12206   | 12664   | 4.20   | cps   |
| Cadmium    | 111-1 | 1333    | 1301    | 1318    | 1317    | 1.20   | cps   |
| Cadmium    | 106-1 | 1859    | 1834    | 1842    | 1845    | 0.69   | cps   |
| Cadmium    | 108-1 | 8       | 17      | 13      | 13      | 33.36  | cps   |
| Calcium    | 43-1  | 1942    | 2134    | 2100    | 2059    | 4.98   | cps   |
| Calcium    | 44-1  | 50024   | 48794   | 48485   | 49101   | 1.66   | cps   |
| Chromium   | 52-2  | 853     | 903     | 870     | 876     | 2.91   | cps   |
| Cobalt     | 59-2  | 40      | 53      | 73      | 56      | 30.20  | cps   |
| Copper     | 63-2  | 420     | 470     | 370     | 420     | 11.91  | cps   |
| Dysprosium | 156-1 | 8       | 17      | 0       | 8       | 100.02 | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 25      | 33      | 17      | 25      | 33.32  | cps   |
| Erbium     | 164-2 | 7       | 3       | 10      | 7       | 50.03  | cps   |
| Gadolinium | 160-1 | 67      | 58      | 100     | 75      | 29.39  | cps   |
| Gadolinium | 160-2 | 10      | 10      | 3       | 8       | 49.52  | cps   |
| Holmium    | 165-1 | 7851316 | 7899980 | 7867001 | 7872765 | 0.32   | cps   |
| Holmium    | 165-2 | 1805247 | 1983843 | 1990235 | 1926442 | 5.45   | cps   |
| Indium     | 115-1 | 7005801 | 7012977 | 6940921 | 6986566 | 0.57   | cps   |
| Indium     | 115-2 | 323279  | 360107  | 361720  | 348369  | 6.24   | cps   |
| Iron       | 56-2  | 2823    | 3150    | 3195    | 3056    | 6.65   | cps   |
| Iron       | 57-2  | 61      | 61      | 117     | 80      | 40.28  | cps   |
| Lead       | 206-1 | 1056    | 822     | 945     | 941     | 12.41  | cps   |
| Lead       | 207-1 | 895     | 961     | 928     | 928     | 3.59   | cps   |
| Lead       | 208-1 | 4034    | 3873    | 4023    | 3976    | 2.26   | cps   |
| Lithium    | 6-1   | 619100  | 628757  | 626491  | 624782  | 0.81   | cps   |
| Magnesium  | 24-2  | 183     | 200     | 208     | 197     | 6.45   | cps   |
| Manganese  | 55-2  | 63      | 47      | 83      | 64      | 28.49  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P8        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 12:38:36 | DataFile Name :   | 013CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 492     | 425     | 542     | 486     | 12.04  | cps   |
| Molybdenum | 95-1  | 392     | 333     | 300     | 342     | 13.58  | cps   |
| Molybdenum | 96-1  | 525     | 450     | 492     | 489     | 7.69   | cps   |
| Molybdenum | 97-1  | 375     | 350     | 267     | 331     | 17.16  | cps   |
| Molybdenum | 98-1  | 650     | 425     | 575     | 550     | 20.83  | cps   |
| Neodymium  | 150-1 | 7       | 13      | 27      | 16      | 65.47  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 170     | 153     | 170     | 164     | 5.85   | cps   |
| Phosphorus | 31-2  | 8       | 0       | 8       | 6       | 86.60  | cps   |
| Potassium  | 39-2  | 3959    | 3967    | 3751    | 3892    | 3.15   | cps   |
| Rhodium    | 103-1 | 6635306 | 6615185 | 6556546 | 6602346 | 0.62   | cps   |
| Rhodium    | 103-2 | 1716089 | 1861278 | 1899372 | 1825579 | 5.30   | cps   |
| Scandium   | 45-1  | 3900812 | 3896913 | 3909944 | 3902557 | 0.17   | cps   |
| Scandium   | 45-2  | 33310   | 36665   | 36631   | 35535   | 5.42   | cps   |
| Selenium   | 77-2  | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 2       | 4       | 2       | 2       | 43.30  | cps   |
| Selenium   | 82-1  | -138    | -80     | -67     | -95     | -39.85 | cps   |
| Silicon    | 28-1  | 420786  | 430233  | 428226  | 426415  | 1.17   | cps   |
| Silver     | 109-1 | 233     | 225     | 167     | 208     | 17.44  | cps   |
| Silver     | 107-1 | 558     | 604     | 500     | 554     | 9.42   | cps   |
| Sodium     | 23-2  | 11030   | 11063   | 10471   | 10855   | 3.06   | cps   |
| Strontium  | 86-1  | 1008    | 1075    | 1025    | 1036    | 3.35   | cps   |
| Strontium  | 88-1  | 367     | 325     | 375     | 356     | 7.53   | cps   |
| Sulfur     | 34-1  | 371762  | 371650  | 375821  | 373077  | 0.64   | cps   |
| Terbium    | 159-1 | 8281813 | 8407888 | 8346179 | 8345293 | 0.76   | cps   |
| Terbium    | 159-2 | 1739302 | 1896705 | 1912634 | 1849547 | 5.18   | cps   |
| Thallium   | 203-1 | 700     | 642     | 592     | 644     | 8.41   | cps   |
| Thallium   | 205-1 | 1458    | 1517    | 1375    | 1450    | 4.91   | cps   |
| Tin        | 118-1 | 3259    | 2734    | 2809    | 2934    | 9.68   | cps   |
| Titanium   | 47-1  | 267     | 158     | 150     | 192     | 33.96  | cps   |
| Uranium    | 238-1 | 433     | 267     | 442     | 381     | 25.94  | cps   |
| Vanadium   | 51-2  | 10      | 10      | 23      | 14      | 53.28  | cps   |
| Yttrium    | 89-1  | 7380248 | 7369714 | 7484790 | 7411584 | 0.86   | cps   |
| Yttrium    | 89-2  | 236240  | 263364  | 265380  | 254995  | 6.38   | cps   |
| Zinc       | 66-2  | 53      | 93      | 70      | 72      | 27.83  | cps   |
| Zirconium  | 90-1  | 817     | 750     | 825     | 797     | 5.16   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P8        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 12:38:36 | DataFile Name :   | 013CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 225  | 192  | 183  | 200     | 11.02  | cps   |

LB Number : LB89660 Operator : Jaswal  
 Lab Sample ID : ICSA Instrumnet Name : P8  
 Client Sample ID : ICSA Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-22 12:41:47 DataFile Name : 014ICSA.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 660809   | 665317   | 658786   | 661637   | 0.51   | cps   |
| Antimony   | 121-1 | 12198    | 12281    | 12765    | 12415    | 2.47   | cps   |
| Arsenic    | 75-2  | 44       | 63       | 54       | 54       | 17.23  | cps   |
| Barium     | 135-1 | 3067     | 3584     | 3509     | 3387     | 8.25   | cps   |
| Barium     | 137-1 | 5585     | 5476     | 5660     | 5574     | 1.65   | cps   |
| Beryllium  | 9-1   | 406      | 472      | 461      | 446      | 8.00   | cps   |
| Bismuth    | 209-1 | 4524488  | 4670606  | 4762896  | 4652663  | 2.58   | cps   |
| Bismuth    | 209-2 | 1463802  | 1457735  | 1448134  | 1456557  | 0.54   | cps   |
| Boron      | 10-1  | 2292     | 2267     | 2209     | 2256     | 1.90   | cps   |
| Boron      | 11-1  | 11413    | 10471    | 10971    | 10952    | 4.30   | cps   |
| Cadmium    | 111-1 | 1854     | 1820     | 1801     | 1825     | 1.47   | cps   |
| Cadmium    | 106-1 | 1659     | 1709     | 1767     | 1711     | 3.17   | cps   |
| Cadmium    | 108-1 | 1142     | 1079     | 1171     | 1131     | 4.14   | cps   |
| Calcium    | 43-1  | 2061668  | 2061116  | 2097996  | 2073593  | 1.02   | cps   |
| Calcium    | 44-1  | 32922040 | 33291077 | 33773038 | 33328718 | 1.28   | cps   |
| Chromium   | 52-2  | 20943    | 20919    | 21280    | 21047    | 0.96   | cps   |
| Cobalt     | 59-2  | 2460     | 2580     | 2420     | 2487     | 3.35   | cps   |
| Copper     | 63-2  | 14715    | 15042    | 14905    | 14887    | 1.10   | cps   |
| Dysprosium | 156-1 | 42       | 25       | 33       | 33       | 25.01  | cps   |
| Dysprosium | 156-2 | 10       | 13       | 3        | 9        | 57.30  | cps   |
| Erbium     | 164-1 | 67       | 42       | 67       | 58       | 24.74  | cps   |
| Erbium     | 164-2 | 10       | 17       | 10       | 12       | 31.50  | cps   |
| Gadolinium | 160-1 | 108      | 100      | 142      | 117      | 18.89  | cps   |
| Gadolinium | 160-2 | 23       | 23       | 17       | 21       | 18.21  | cps   |
| Holmium    | 165-1 | 7762800  | 8064730  | 8232750  | 8020093  | 2.97   | cps   |
| Holmium    | 165-2 | 2000868  | 2031202  | 2000110  | 2010727  | 0.88   | cps   |
| Indium     | 115-1 | 6656150  | 6992293  | 6955706  | 6868050  | 2.69   | cps   |
| Indium     | 115-2 | 352218   | 354321   | 350158   | 352232   | 0.59   | cps   |
| Iron       | 56-2  | 67668740 | 67907020 | 67706631 | 67760797 | 0.19   | cps   |
| Iron       | 57-2  | 1728265  | 1752470  | 1718460  | 1733065  | 1.01   | cps   |
| Lead       | 206-1 | 25554    | 26400    | 25777    | 25910    | 1.69   | cps   |
| Lead       | 207-1 | 20150    | 20600    | 20545    | 20432    | 1.20   | cps   |
| Lead       | 208-1 | 96996    | 98840    | 98368    | 98068    | 0.98   | cps   |
| Lithium    | 6-1   | 593237   | 628957   | 635591   | 619261   | 3.68   | cps   |
| Magnesium  | 24-2  | 3466692  | 3499933  | 3448105  | 3471576  | 0.76   | cps   |
| Manganese  | 55-2  | 2334     | 2394     | 2340     | 2356     | 1.40   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 12:41:47 | DataFile Name :   | 014ICSA.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 4756139  | 4797003  | 4861979  | 4805040  | 1.11   | cps   |
| Molybdenum | 95-1  | 8266549  | 8404066  | 8453312  | 8374642  | 1.16   | cps   |
| Molybdenum | 96-1  | 8768407  | 8864072  | 9012708  | 8881729  | 1.39   | cps   |
| Molybdenum | 97-1  | 5121287  | 5184126  | 5222019  | 5175811  | 0.98   | cps   |
| Molybdenum | 98-1  | 13282764 | 13433511 | 13534504 | 13416926 | 0.94   | cps   |
| Neodymium  | 150-1 | 60       | 20       | 27       | 36       | 60.27  | cps   |
| Neodymium  | 150-2 | 10       | 10       | 3        | 8        | 49.52  | cps   |
| Nickel     | 60-2  | 3701     | 3744     | 3277     | 3574     | 7.22   | cps   |
| Phosphorus | 31-2  | 53736    | 54430    | 53853    | 54007    | 0.69   | cps   |
| Potassium  | 39-2  | 2176054  | 2204053  | 2188596  | 2189568  | 0.64   | cps   |
| Rhodium    | 103-1 | 6104423  | 6402600  | 6445633  | 6317552  | 2.94   | cps   |
| Rhodium    | 103-2 | 1815057  | 1823117  | 1816356  | 1818177  | 0.24   | cps   |
| Scandium   | 45-1  | 3795421  | 3939717  | 3911617  | 3882252  | 1.97   | cps   |
| Scandium   | 45-2  | 36982    | 36601    | 36407    | 36663    | 0.80   | cps   |
| Selenium   | 77-2  | 0        | 7        | 0        | 2        | 173.21 | cps   |
| Selenium   | 78-2  | 11       | 0        | 4        | 5        | 114.60 | cps   |
| Selenium   | 82-1  | -23      | -3       | 48       | 7        | 496.59 | cps   |
| Silicon    | 28-1  | 548585   | 552258   | 550177   | 550340   | 0.33   | cps   |
| Silver     | 109-1 | 2084     | 2067     | 2225     | 2125     | 4.09   | cps   |
| Silver     | 107-1 | 5351     | 5576     | 5597     | 5508     | 2.48   | cps   |
| Sodium     | 23-2  | 8319941  | 8321004  | 8305660  | 8315535  | 0.10   | cps   |
| Strontium  | 86-1  | 93101    | 93378    | 95189    | 93889    | 1.21   | cps   |
| Strontium  | 88-1  | 806195   | 813390   | 814505   | 811363   | 0.56   | cps   |
| Sulfur     | 34-1  | 2644384  | 2632134  | 2693730  | 2656749  | 1.23   | cps   |
| Terbium    | 159-1 | 8213530  | 8523645  | 8556470  | 8431215  | 2.24   | cps   |
| Terbium    | 159-2 | 1931170  | 1932544  | 1908104  | 1923939  | 0.71   | cps   |
| Thallium   | 203-1 | 1067     | 1075     | 1125     | 1089     | 2.90   | cps   |
| Thallium   | 205-1 | 2392     | 2509     | 2700     | 2534     | 6.15   | cps   |
| Tin        | 118-1 | 3292     | 3184     | 3559     | 3345     | 5.77   | cps   |
| Titanium   | 47-1  | 2099162  | 2122749  | 2153541  | 2125151  | 1.28   | cps   |
| Uranium    | 238-1 | 558      | 517      | 608      | 561      | 8.18   | cps   |
| Vanadium   | 51-2  | 110      | 143      | 177      | 143      | 23.26  | cps   |
| Yttrium    | 89-1  | 7212190  | 7429976  | 7508606  | 7383591  | 2.08   | cps   |
| Yttrium    | 89-2  | 262337   | 264635   | 261869   | 262947   | 0.56   | cps   |
| Zinc       | 66-2  | 2080     | 2027     | 2010     | 2039     | 1.79   | cps   |
| Zirconium  | 90-1  | 3484     | 3184     | 3084     | 3251     | 6.41   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 12:41:47 | DataFile Name :   | 014ICSA.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 783  | 808  | 725  | 772     | 5.54   | cps   |

LB Number : LB89660 Operator : Jaswal  
 Lab Sample ID : ICSAB Instrumnet Name : P8  
 Client Sample ID : ICSAB Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-22 12:44:51 DataFile Name : 015ICSB.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 658791   | 660892   | 660349   | 660011   | 0.17   | cps   |
| Antimony   | 121-1 | 217120   | 212904   | 213107   | 214377   | 1.11   | cps   |
| Arsenic    | 75-2  | 2563     | 2508     | 2474     | 2515     | 1.79   | cps   |
| Barium     | 135-1 | 45964    | 46206    | 45019    | 45730    | 1.37   | cps   |
| Barium     | 137-1 | 77183    | 79446    | 77829    | 78153    | 1.49   | cps   |
| Beryllium  | 9-1   | 22490    | 21667    | 21389    | 21849    | 2.62   | cps   |
| Bismuth    | 209-1 | 4253924  | 4700870  | 4695526  | 4550106  | 5.64   | cps   |
| Bismuth    | 209-2 | 1444721  | 1444412  | 1449535  | 1446223  | 0.20   | cps   |
| Boron      | 10-1  | 8786     | 8736     | 8928     | 8817     | 1.13   | cps   |
| Boron      | 11-1  | 43074    | 42689    | 41603    | 42455    | 1.80   | cps   |
| Cadmium    | 111-1 | 46290    | 46110    | 46641    | 46347    | 0.58   | cps   |
| Cadmium    | 106-1 | 6944     | 7211     | 6710     | 6955     | 3.60   | cps   |
| Cadmium    | 108-1 | 4301     | 4747     | 4342     | 4463     | 5.52   | cps   |
| Calcium    | 43-1  | 2099375  | 2082883  | 2063172  | 2081810  | 0.87   | cps   |
| Calcium    | 44-1  | 34017668 | 33553021 | 33254832 | 33608507 | 1.14   | cps   |
| Chromium   | 52-2  | 40215    | 41107    | 40525    | 40616    | 1.12   | cps   |
| Cobalt     | 59-2  | 45277    | 45304    | 45364    | 45315    | 0.10   | cps   |
| Copper     | 63-2  | 51358    | 51121    | 52295    | 51591    | 1.20   | cps   |
| Dysprosium | 156-1 | 17       | 58       | 17       | 31       | 78.72  | cps   |
| Dysprosium | 156-2 | 10       | 20       | 3        | 11       | 75.52  | cps   |
| Erbium     | 164-1 | 50       | 75       | 50       | 58       | 24.74  | cps   |
| Erbium     | 164-2 | 20       | 10       | 3        | 11       | 75.52  | cps   |
| Gadolinium | 160-1 | 100      | 183      | 75       | 119      | 47.49  | cps   |
| Gadolinium | 160-2 | 23       | 13       | 43       | 27       | 57.29  | cps   |
| Holmium    | 165-1 | 7354280  | 8287715  | 8090449  | 7910815  | 6.22   | cps   |
| Holmium    | 165-2 | 1990746  | 1986810  | 1993433  | 1990330  | 0.17   | cps   |
| Indium     | 115-1 | 6367426  | 6977115  | 6888202  | 6744248  | 4.88   | cps   |
| Indium     | 115-2 | 352109   | 351491   | 351485   | 351695   | 0.10   | cps   |
| Iron       | 56-2  | 67028470 | 66980065 | 67244313 | 67084283 | 0.21   | cps   |
| Iron       | 57-2  | 1713079  | 1728958  | 1724519  | 1722185  | 0.48   | cps   |
| Lead       | 206-1 | 138874   | 135723   | 134691   | 136429   | 1.60   | cps   |
| Lead       | 207-1 | 114418   | 113834   | 112965   | 113739   | 0.64   | cps   |
| Lead       | 208-1 | 534247   | 527553   | 523394   | 528398   | 1.04   | cps   |
| Lithium    | 6-1   | 576799   | 629912   | 625240   | 610651   | 4.82   | cps   |
| Magnesium  | 24-2  | 3445076  | 3473980  | 3437414  | 3452157  | 0.56   | cps   |
| Manganese  | 55-2  | 8152     | 7819     | 8089     | 8020     | 2.21   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 12:44:51 | DataFile Name :   | 015ICSB.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 5307703  | 5226440  | 5187834  | 5240659  | 1.17   | cps   |
| Molybdenum | 95-1  | 8686269  | 8574004  | 8617612  | 8625962  | 0.66   | cps   |
| Molybdenum | 96-1  | 9303847  | 9293072  | 9170130  | 9255683  | 0.80   | cps   |
| Molybdenum | 97-1  | 5377358  | 5350412  | 5305157  | 5344309  | 0.68   | cps   |
| Molybdenum | 98-1  | 13952898 | 13866915 | 13668890 | 13829568 | 1.05   | cps   |
| Neodymium  | 150-1 | 53       | 73       | 20       | 49       | 55.11  | cps   |
| Neodymium  | 150-2 | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 15899    | 15896    | 16333    | 16043    | 1.57   | cps   |
| Phosphorus | 31-2  | 52323    | 52716    | 53728    | 52922    | 1.37   | cps   |
| Potassium  | 39-2  | 2156319  | 2170876  | 2193105  | 2173433  | 0.85   | cps   |
| Rhodium    | 103-1 | 5810628  | 6453777  | 6346803  | 6203736  | 5.56   | cps   |
| Rhodium    | 103-2 | 1825202  | 1824525  | 1807732  | 1819153  | 0.54   | cps   |
| Scandium   | 45-1  | 3600388  | 4012472  | 3936956  | 3849939  | 5.70   | cps   |
| Scandium   | 45-2  | 36909    | 36942    | 37413    | 37088    | 0.76   | cps   |
| Selenium   | 77-2  | 40       | 20       | 23       | 28       | 38.58  | cps   |
| Selenium   | 78-2  | 72       | 59       | 59       | 64       | 11.77  | cps   |
| Selenium   | 82-1  | 2538     | 2727     | 2789     | 2685     | 4.86   | cps   |
| Silicon    | 28-1  | 786162   | 771718   | 765975   | 774618   | 1.34   | cps   |
| Silver     | 109-1 | 199660   | 193361   | 194687   | 195903   | 1.70   | cps   |
| Silver     | 107-1 | 506815   | 495670   | 495341   | 499275   | 1.31   | cps   |
| Sodium     | 23-2  | 8334071  | 8321346  | 8247703  | 8301040  | 0.56   | cps   |
| Strontium  | 86-1  | 243958   | 238967   | 241083   | 241336   | 1.04   | cps   |
| Strontium  | 88-1  | 2175879  | 2114147  | 2130541  | 2140189  | 1.49   | cps   |
| Sulfur     | 34-1  | 2671243  | 2653578  | 2657110  | 2660643  | 0.35   | cps   |
| Terbium    | 159-1 | 7685179  | 8622685  | 8370949  | 8226271  | 5.90   | cps   |
| Terbium    | 159-2 | 1955080  | 1898327  | 1944875  | 1932761  | 1.57   | cps   |
| Thallium   | 203-1 | 136360   | 137622   | 137488   | 137157   | 0.51   | cps   |
| Thallium   | 205-1 | 331167   | 329081   | 327175   | 329141   | 0.61   | cps   |
| Tin        | 118-1 | 381503   | 374046   | 376465   | 377338   | 1.01   | cps   |
| Titanium   | 47-1  | 2235665  | 2190879  | 2183774  | 2203440  | 1.28   | cps   |
| Uranium    | 238-1 | 1097769  | 1088788  | 1089506  | 1092021  | 0.46   | cps   |
| Vanadium   | 51-2  | 14658    | 14675    | 15048    | 14794    | 1.49   | cps   |
| Yttrium    | 89-1  | 6825197  | 7561705  | 7454493  | 7280465  | 5.47   | cps   |
| Yttrium    | 89-2  | 263749   | 263231   | 264220   | 263733   | 0.19   | cps   |
| Zinc       | 66-2  | 5231     | 5538     | 5298     | 5356     | 3.01   | cps   |
| Zirconium  | 90-1  | 826030   | 820137   | 815869   | 820679   | 0.62   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 12:44:51 | DataFile Name :   | 015ICSB.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 183842 | 179577 | 180043 | 181154  | 1.29   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89660             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV040              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV040              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-22 12:47:56 | DataFile Name :   | 016CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 374084   | 371372   | 371523   | 372327   | 0.41   | cps   |
| Antimony   | 121-1 | 5311297  | 5287228  | 5285116  | 5294547  | 0.27   | cps   |
| Arsenic    | 75-2  | 65422    | 65383    | 64898    | 65234    | 0.45   | cps   |
| Barium     | 135-1 | 5434337  | 5395865  | 5352692  | 5394298  | 0.76   | cps   |
| Barium     | 137-1 | 9283620  | 9187209  | 9207638  | 9226156  | 0.55   | cps   |
| Beryllium  | 9-1   | 555917   | 552651   | 550908   | 553159   | 0.46   | cps   |
| Bismuth    | 209-1 | 4593691  | 4696383  | 4679436  | 4656503  | 1.18   | cps   |
| Bismuth    | 209-2 | 1468427  | 1473289  | 1456691  | 1466136  | 0.58   | cps   |
| Boron      | 10-1  | 67040    | 67023    | 66998    | 67021    | 0.03   | cps   |
| Boron      | 11-1  | 307147   | 308909   | 313270   | 309776   | 1.02   | cps   |
| Cadmium    | 111-1 | 1122110  | 1119311  | 1116938  | 1119453  | 0.23   | cps   |
| Cadmium    | 106-1 | 115274   | 116433   | 117198   | 116302   | 0.83   | cps   |
| Cadmium    | 108-1 | 79042    | 79235    | 80203    | 79494    | 0.78   | cps   |
| Calcium    | 43-1  | 5274589  | 5305534  | 5259986  | 5280036  | 0.44   | cps   |
| Calcium    | 44-1  | 85706137 | 85966375 | 85325325 | 85665946 | 0.38   | cps   |
| Chromium   | 52-2  | 525601   | 522341   | 518149   | 522030   | 0.72   | cps   |
| Cobalt     | 59-2  | 1073204  | 1070024  | 1067353  | 1070194  | 0.27   | cps   |
| Copper     | 63-2  | 1862710  | 1839631  | 1805566  | 1835969  | 1.57   | cps   |
| Dysprosium | 156-1 | 117      | 108      | 125      | 117      | 7.14   | cps   |
| Dysprosium | 156-2 | 17       | 13       | 27       | 19       | 36.75  | cps   |
| Erbium     | 164-1 | 67       | 67       | 50       | 61       | 15.75  | cps   |
| Erbium     | 164-2 | 17       | 10       | 7        | 11       | 45.82  | cps   |
| Gadolinium | 160-1 | 167      | 183      | 150      | 167      | 10.00  | cps   |
| Gadolinium | 160-2 | 33       | 33       | 27       | 31       | 12.36  | cps   |
| Holmium    | 165-1 | 7928861  | 8089215  | 8092905  | 8036994  | 1.17   | cps   |
| Holmium    | 165-2 | 2046465  | 2060597  | 2004981  | 2037348  | 1.42   | cps   |
| Indium     | 115-1 | 6767612  | 6838971  | 6857053  | 6821212  | 0.69   | cps   |
| Indium     | 115-2 | 345697   | 347458   | 343729   | 345628   | 0.54   | cps   |
| Iron       | 56-2  | 86013877 | 86148957 | 85254685 | 85805840 | 0.56   | cps   |
| Iron       | 57-2  | 2210167  | 2180259  | 2215634  | 2202020  | 0.86   | cps   |
| Lead       | 206-1 | 2823376  | 2817830  | 2791439  | 2810881  | 0.61   | cps   |
| Lead       | 207-1 | 2614745  | 2602153  | 2579321  | 2598740  | 0.69   | cps   |
| Lead       | 208-1 | 11513450 | 11518691 | 11356582 | 11462907 | 0.80   | cps   |
| Lithium    | 6-1   | 603989   | 613818   | 620982   | 612930   | 1.39   | cps   |
| Magnesium  | 24-2  | 8844330  | 8808550  | 8756162  | 8803014  | 0.50   | cps   |
| Manganese  | 55-2  | 298864   | 299508   | 296093   | 298155   | 0.61   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89660             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV040              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV040              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-22 12:47:56 | DataFile Name :   | 016CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 4264582  | 4248170  | 4274270  | 4262341  | 0.31   | cps   |
| Molybdenum | 95-1  | 2324485  | 2301984  | 2311883  | 2312784  | 0.49   | cps   |
| Molybdenum | 96-1  | 2923673  | 2926711  | 2950348  | 2933577  | 0.50   | cps   |
| Molybdenum | 97-1  | 1376374  | 1402342  | 1405271  | 1394662  | 1.14   | cps   |
| Molybdenum | 98-1  | 3637876  | 3633817  | 3632546  | 3634746  | 0.08   | cps   |
| Neodymium  | 150-1 | 273      | 347      | 193      | 271      | 28.29  | cps   |
| Neodymium  | 150-2 | 7        | 20       | 13       | 13       | 49.99  | cps   |
| Nickel     | 60-2  | 313189   | 309900   | 309115   | 310735   | 0.70   | cps   |
| Phosphorus | 31-2  | 5751     | 5951     | 5860     | 5854     | 1.71   | cps   |
| Potassium  | 39-2  | 2850790  | 2832813  | 2824763  | 2836122  | 0.47   | cps   |
| Rhodium    | 103-1 | 6147219  | 6202241  | 6308957  | 6219472  | 1.32   | cps   |
| Rhodium    | 103-2 | 1806741  | 1806063  | 1774877  | 1795894  | 1.01   | cps   |
| Scandium   | 45-1  | 3893133  | 3932692  | 3870334  | 3898720  | 0.81   | cps   |
| Scandium   | 45-2  | 37316    | 38252    | 37316    | 37628    | 1.44   | cps   |
| Selenium   | 77-2  | 460      | 520      | 500      | 493      | 6.19   | cps   |
| Selenium   | 78-2  | 1658     | 1596     | 1700     | 1651     | 3.16   | cps   |
| Selenium   | 82-1  | 69464    | 69445    | 69054    | 69321    | 0.33   | cps   |
| Silicon    | 28-1  | 2293674  | 2333835  | 2291048  | 2306186  | 1.04   | cps   |
| Silver     | 109-1 | 5173215  | 5143202  | 5194615  | 5170344  | 0.50   | cps   |
| Silver     | 107-1 | 13133687 | 13110626 | 13229196 | 13157836 | 0.48   | cps   |
| Sodium     | 23-2  | 21266781 | 21258624 | 21356167 | 21293857 | 0.25   | cps   |
| Strontium  | 86-1  | 1512140  | 1510744  | 1511099  | 1511327  | 0.05   | cps   |
| Strontium  | 88-1  | 12995089 | 12807206 | 12832573 | 12878289 | 0.79   | cps   |
| Sulfur     | 34-1  | 677117   | 678632   | 677724   | 677825   | 0.11   | cps   |
| Terbium    | 159-1 | 8373115  | 8436838  | 8496687  | 8435547  | 0.73   | cps   |
| Terbium    | 159-2 | 1959591  | 1970554  | 1976823  | 1968989  | 0.44   | cps   |
| Thallium   | 203-1 | 3517531  | 3535492  | 3501397  | 3518140  | 0.48   | cps   |
| Thallium   | 205-1 | 8141611  | 8231891  | 8168825  | 8180776  | 0.57   | cps   |
| Tin        | 118-1 | 3715214  | 3660433  | 3652383  | 3676010  | 0.93   | cps   |
| Titanium   | 47-1  | 565423   | 561571   | 559024   | 562006   | 0.57   | cps   |
| Uranium    | 238-1 | 10866226 | 10762269 | 10786292 | 10804929 | 0.50   | cps   |
| Vanadium   | 51-2  | 390582   | 392666   | 389089   | 390779   | 0.46   | cps   |
| Yttrium    | 89-1  | 7391308  | 7422687  | 7457631  | 7423875  | 0.45   | cps   |
| Yttrium    | 89-2  | 266530   | 264685   | 263133   | 264783   | 0.64   | cps   |
| Zinc       | 66-2  | 170327   | 170044   | 168070   | 169481   | 0.73   | cps   |
| Zirconium  | 90-1  | 7945644  | 7929512  | 7980165  | 7951774  | 0.33   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89660             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV040              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV040              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-22 12:47:56 | DataFile Name :   | 016CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1808551 | 1828196 | 1827336 | 1821361 | 0.61   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB040              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB040              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 12:50:55 | DataFile Name :   | 017CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 17      | 42      | 25      | 28      | 45.82  | cps   |
| Antimony   | 121-1 | 3134    | 3217    | 3151    | 3167    | 1.39   | cps   |
| Arsenic    | 75-2  | 2       | 6       | 6       | 4       | 49.54  | cps   |
| Barium     | 135-1 | 125     | 75      | 83      | 94      | 28.37  | cps   |
| Barium     | 137-1 | 167     | 75      | 142     | 128     | 37.08  | cps   |
| Beryllium  | 9-1   | 228     | 194     | 222     | 215     | 8.31   | cps   |
| Bismuth    | 209-1 | 4552062 | 4949977 | 4873586 | 4791875 | 4.41   | cps   |
| Bismuth    | 209-2 | 1560293 | 1549997 | 1542235 | 1550842 | 0.58   | cps   |
| Boron      | 10-1  | 2600    | 2792    | 2400    | 2598    | 7.54   | cps   |
| Boron      | 11-1  | 12815   | 11822   | 11155   | 11930   | 7.00   | cps   |
| Cadmium    | 111-1 | 1227    | 1328    | 1337    | 1297    | 4.72   | cps   |
| Cadmium    | 106-1 | 1692    | 1834    | 1825    | 1784    | 4.46   | cps   |
| Cadmium    | 108-1 | 17      | 8       | 4       | 10      | 65.47  | cps   |
| Calcium    | 43-1  | 2317    | 2067    | 2284    | 2223    | 6.11   | cps   |
| Calcium    | 44-1  | 50425   | 49555   | 52241   | 50740   | 2.70   | cps   |
| Chromium   | 52-2  | 857     | 860     | 853     | 857     | 0.39   | cps   |
| Cobalt     | 59-2  | 30      | 47      | 53      | 43      | 27.73  | cps   |
| Copper     | 63-2  | 540     | 547     | 430     | 506     | 12.96  | cps   |
| Dysprosium | 156-1 | 17      | 8       | 25      | 17      | 50.01  | cps   |
| Dysprosium | 156-2 | 3       | 0       | 3       | 2       | 86.60  | cps   |
| Erbium     | 164-1 | 25      | 42      | 42      | 36      | 26.65  | cps   |
| Erbium     | 164-2 | 3       | 17      | 17      | 12      | 63.01  | cps   |
| Gadolinium | 160-1 | 83      | 92      | 58      | 78      | 22.30  | cps   |
| Gadolinium | 160-2 | 3       | 10      | 20      | 11      | 75.52  | cps   |
| Holmium    | 165-1 | 7544055 | 8118724 | 8130742 | 7931174 | 4.23   | cps   |
| Holmium    | 165-2 | 2040235 | 2051332 | 2051017 | 2047528 | 0.31   | cps   |
| Indium     | 115-1 | 6661717 | 7227120 | 7231018 | 7039952 | 4.65   | cps   |
| Indium     | 115-2 | 372186  | 371095  | 366615  | 369965  | 0.80   | cps   |
| Iron       | 56-2  | 3528    | 4173    | 3795    | 3832    | 8.45   | cps   |
| Iron       | 57-2  | 128     | 94      | 100     | 107     | 16.63  | cps   |
| Lead       | 206-1 | 667     | 872     | 839     | 793     | 13.92  | cps   |
| Lead       | 207-1 | 722     | 706     | 656     | 694     | 5.00   | cps   |
| Lead       | 208-1 | 3078    | 3334    | 3217    | 3210    | 3.99   | cps   |
| Lithium    | 6-1   | 596144  | 644649  | 641426  | 627406  | 4.32   | cps   |
| Magnesium  | 24-2  | 242     | 167     | 258     | 222     | 21.97  | cps   |
| Manganese  | 55-2  | 57      | 70      | 43      | 57      | 23.53  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB040              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB040              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 12:50:55 | DataFile Name :   | 017CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 608     | 550     | 667     | 608     | 9.59   | cps   |
| Molybdenum | 95-1  | 650     | 492     | 533     | 558     | 14.70  | cps   |
| Molybdenum | 96-1  | 758     | 517     | 758     | 678     | 20.59  | cps   |
| Molybdenum | 97-1  | 517     | 417     | 408     | 447     | 13.48  | cps   |
| Molybdenum | 98-1  | 625     | 775     | 600     | 667     | 14.20  | cps   |
| Neodymium  | 150-1 | 0       | 13      | 0       | 4       | 173.21 | cps   |
| Neodymium  | 150-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 173     | 150     | 113     | 146     | 20.78  | cps   |
| Phosphorus | 31-2  | 8       | 17      | 8       | 11      | 43.34  | cps   |
| Potassium  | 39-2  | 4559    | 4851    | 4317    | 4576    | 5.84   | cps   |
| Rhodium    | 103-1 | 6238898 | 6726975 | 6757948 | 6574607 | 4.43   | cps   |
| Rhodium    | 103-2 | 1964812 | 1926886 | 1941998 | 1944565 | 0.98   | cps   |
| Scandium   | 45-1  | 3710026 | 4010943 | 4037896 | 3919622 | 4.64   | cps   |
| Scandium   | 45-2  | 37711   | 38583   | 37564   | 37952   | 1.45   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 2       | 7       | 0       | 3       | 124.95 | cps   |
| Selenium   | 82-1  | -202    | -82     | -74     | -119    | -59.84 | cps   |
| Silicon    | 28-1  | 437903  | 430986  | 423398  | 430763  | 1.68   | cps   |
| Silver     | 109-1 | 467     | 467     | 475     | 469     | 1.02   | cps   |
| Silver     | 107-1 | 1275    | 1192    | 1246    | 1238    | 3.42   | cps   |
| Sodium     | 23-2  | 13590   | 13949   | 13507   | 13682   | 1.72   | cps   |
| Strontium  | 86-1  | 1017    | 1258    | 1100    | 1125    | 10.91  | cps   |
| Strontium  | 88-1  | 333     | 383     | 267     | 328     | 17.86  | cps   |
| Sulfur     | 34-1  | 368093  | 366877  | 368334  | 367768  | 0.21   | cps   |
| Terbium    | 159-1 | 7771453 | 8537881 | 8505121 | 8271485 | 5.24   | cps   |
| Terbium    | 159-2 | 2000110 | 1964666 | 1974691 | 1979822 | 0.92   | cps   |
| Thallium   | 203-1 | 892     | 875     | 792     | 853     | 6.28   | cps   |
| Thallium   | 205-1 | 2117    | 1667    | 1750    | 1845    | 12.98  | cps   |
| Tin        | 118-1 | 2384    | 2317    | 2425    | 2375    | 2.30   | cps   |
| Titanium   | 47-1  | 225     | 225     | 208     | 219     | 4.38   | cps   |
| Uranium    | 238-1 | 242     | 150     | 183     | 192     | 24.21  | cps   |
| Vanadium   | 51-2  | 10      | 13      | 10      | 11      | 17.30  | cps   |
| Yttrium    | 89-1  | 7088364 | 7626693 | 7638075 | 7451044 | 4.22   | cps   |
| Yttrium    | 89-2  | 271224  | 270810  | 268451  | 270162  | 0.55   | cps   |
| Zinc       | 66-2  | 30      | 47      | 77      | 51      | 46.27  | cps   |
| Zirconium  | 90-1  | 1175    | 908     | 975     | 1020    | 13.61  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB040              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB040              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 12:50:55 | DataFile Name :   | 017CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 175  | 250  | 233  | 219     | 17.95  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 12:54:04 | DataFile Name :   | 018SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 200     | 192     | 100     | 164     | 33.86  | cps   |
| Antimony   | 121-1 | 19348   | 20058   | 19932   | 19779   | 1.91   | cps   |
| Arsenic    | 75-2  | 111     | 128     | 139     | 126     | 11.10  | cps   |
| Barium     | 135-1 | 18839   | 18555   | 18372   | 18589   | 1.27   | cps   |
| Barium     | 137-1 | 32382   | 33385   | 32315   | 32694   | 1.83   | cps   |
| Beryllium  | 9-1   | 1189    | 1128    | 1056    | 1124    | 5.94   | cps   |
| Bismuth    | 209-1 | 4789483 | 4800527 | 4803966 | 4797992 | 0.16   | cps   |
| Bismuth    | 209-2 | 1536469 | 1511735 | 1473325 | 1507176 | 2.11   | cps   |
| Boron      | 10-1  | 4468    | 4551    | 4434    | 4484    | 1.34   | cps   |
| Boron      | 11-1  | 19422   | 20015   | 19898   | 19778   | 1.59   | cps   |
| Cadmium    | 111-1 | 3294    | 3294    | 3298    | 3295    | 0.07   | cps   |
| Cadmium    | 106-1 | 1759    | 2009    | 2000    | 1922    | 7.39   | cps   |
| Cadmium    | 108-1 | 238     | 154     | 200     | 197     | 21.16  | cps   |
| Calcium    | 43-1  | 11864   | 11831   | 11689   | 11794   | 0.79   | cps   |
| Calcium    | 44-1  | 205626  | 206219  | 205472  | 205773  | 0.19   | cps   |
| Chromium   | 52-2  | 2987    | 2924    | 2950    | 2954    | 1.08   | cps   |
| Cobalt     | 59-2  | 1803    | 2100    | 2110    | 2005    | 8.69   | cps   |
| Copper     | 63-2  | 4381    | 4444    | 4191    | 4339    | 3.04   | cps   |
| Dysprosium | 156-1 | 33      | 0       | 0       | 11      | 173.21 | cps   |
| Dysprosium | 156-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 33      | 33      | 67      | 44      | 43.31  | cps   |
| Erbium     | 164-2 | 13      | 7       | 20      | 13      | 49.99  | cps   |
| Gadolinium | 160-1 | 33      | 92      | 42      | 56      | 56.79  | cps   |
| Gadolinium | 160-2 | 10      | 0       | 13      | 8       | 89.21  | cps   |
| Holmium    | 165-1 | 8078982 | 8047161 | 7991788 | 8039311 | 0.55   | cps   |
| Holmium    | 165-2 | 2036079 | 2017596 | 1939843 | 1997839 | 2.56   | cps   |
| Indium     | 115-1 | 7124419 | 7121397 | 7150014 | 7131943 | 0.22   | cps   |
| Indium     | 115-2 | 367542  | 364669  | 355369  | 362527  | 1.76   | cps   |
| Iron       | 56-2  | 35234   | 35022   | 35217   | 35158   | 0.33   | cps   |
| Iron       | 57-2  | 917     | 883     | 961     | 920     | 4.24   | cps   |
| Lead       | 206-1 | 6418    | 6407    | 6307    | 6378    | 0.96   | cps   |
| Lead       | 207-1 | 5474    | 5457    | 5457    | 5462    | 0.18   | cps   |
| Lead       | 208-1 | 25238   | 25550   | 24643   | 25144   | 1.83   | cps   |
| Lithium    | 6-1   | 636138  | 631613  | 638570  | 635440  | 0.56   | cps   |
| Magnesium  | 24-2  | 15384   | 16819   | 16552   | 16252   | 4.70   | cps   |
| Manganese  | 55-2  | 417     | 370     | 420     | 402     | 6.95   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 12:54:04 | DataFile Name :   | 018SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 16669   | 16719   | 16894   | 16761   | 0.71   | cps   |
| Molybdenum | 95-1  | 19941   | 19607   | 20316   | 19954   | 1.78   | cps   |
| Molybdenum | 96-1  | 21701   | 22645   | 22311   | 22219   | 2.15   | cps   |
| Molybdenum | 97-1  | 13124   | 12807   | 11939   | 12623   | 4.86   | cps   |
| Molybdenum | 98-1  | 31170   | 32222   | 31830   | 31741   | 1.68   | cps   |
| Neodymium  | 150-1 | 40      | 33      | 13      | 29      | 48.05  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 793     | 773     | 773     | 780     | 1.48   | cps   |
| Phosphorus | 31-2  | 8       | 0       | 17      | 8       | 100.02 | cps   |
| Potassium  | 39-2  | 14091   | 14358   | 14558   | 14336   | 1.64   | cps   |
| Rhodium    | 103-1 | 6704683 | 6701955 | 6651067 | 6685902 | 0.45   | cps   |
| Rhodium    | 103-2 | 1928122 | 1924731 | 1845156 | 1899336 | 2.47   | cps   |
| Scandium   | 45-1  | 3985604 | 3979284 | 3944126 | 3969672 | 0.56   | cps   |
| Scandium   | 45-2  | 37811   | 37834   | 36140   | 37262   | 2.61   | cps   |
| Selenium   | 77-2  | 10      | 7       | 10      | 9       | 21.63  | cps   |
| Selenium   | 78-2  | 13      | 17      | 11      | 14      | 20.85  | cps   |
| Selenium   | 82-1  | 599     | 563     | 444     | 535     | 15.11  | cps   |
| Silicon    | 28-1  | 463433  | 459971  | 450701  | 458035  | 1.44   | cps   |
| Silver     | 109-1 | 13157   | 13449   | 13190   | 13265   | 1.20   | cps   |
| Silver     | 107-1 | 33368   | 34181   | 33693   | 33747   | 1.21   | cps   |
| Sodium     | 23-2  | 49704   | 49002   | 50557   | 49754   | 1.57   | cps   |
| Strontium  | 86-1  | 3751    | 3801    | 3801    | 3784    | 0.76   | cps   |
| Strontium  | 88-1  | 23963   | 22995   | 23847   | 23602   | 2.24   | cps   |
| Sulfur     | 34-1  | 367092  | 371011  | 368786  | 368963  | 0.53   | cps   |
| Terbium    | 159-1 | 8398496 | 8431691 | 8441932 | 8424039 | 0.27   | cps   |
| Terbium    | 159-2 | 1988278 | 1938553 | 1898964 | 1941932 | 2.30   | cps   |
| Thallium   | 203-1 | 6502    | 6994    | 6477    | 6658    | 4.38   | cps   |
| Thallium   | 205-1 | 16253   | 16211   | 15610   | 16025   | 2.24   | cps   |
| Tin        | 118-1 | 34713   | 34470   | 33326   | 34170   | 2.17   | cps   |
| Titanium   | 47-1  | 5101    | 4884    | 5051    | 5012    | 2.26   | cps   |
| Uranium    | 238-1 | 18932   | 18765   | 18923   | 18873   | 0.50   | cps   |
| Vanadium   | 51-2  | 3537    | 3501    | 3474    | 3504    | 0.91   | cps   |
| Yttrium    | 89-1  | 7557758 | 7539000 | 7570271 | 7555676 | 0.21   | cps   |
| Yttrium    | 89-2  | 270266  | 268863  | 258610  | 265913  | 2.39   | cps   |
| Zinc       | 66-2  | 403     | 347     | 423     | 391     | 10.17  | cps   |
| Zirconium  | 90-1  | 15009   | 15943   | 14884   | 15279   | 3.79   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 12:54:04 | DataFile Name :   | 018SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 3692 | 3492 | 3351 | 3512    | 4.89   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101593BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBW007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 13:07:40 | DataFile Name :   | 019CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 33      | 42      | 17      | 31      | 41.66  | cps   |
| Antimony   | 121-1 | 283     | 408     | 500     | 397     | 27.38  | cps   |
| Arsenic    | 75-2  | 7       | 6       | 6       | 6       | 17.29  | cps   |
| Barium     | 135-1 | 42      | 50      | 67      | 53      | 24.12  | cps   |
| Barium     | 137-1 | 158     | 167     | 158     | 161     | 2.99   | cps   |
| Beryllium  | 9-1   | 111     | 72      | 161     | 115     | 38.81  | cps   |
| Bismuth    | 209-1 | 4854247 | 4965400 | 4892210 | 4903952 | 1.15   | cps   |
| Bismuth    | 209-2 | 1464790 | 1499104 | 1560488 | 1508127 | 3.21   | cps   |
| Boron      | 10-1  | 817     | 783     | 817     | 806     | 2.39   | cps   |
| Boron      | 11-1  | 4026    | 3967    | 3792    | 3928    | 3.09   | cps   |
| Cadmium    | 111-1 | 1392    | 1368    | 1119    | 1293    | 11.68  | cps   |
| Cadmium    | 106-1 | 1934    | 1942    | 1592    | 1822    | 10.96  | cps   |
| Cadmium    | 108-1 | 4       | 0       | 17      | 7       | 124.88 | cps   |
| Calcium    | 43-1  | 2334    | 2609    | 2217    | 2386    | 8.43   | cps   |
| Calcium    | 44-1  | 48133   | 46837   | 47557   | 47509   | 1.37   | cps   |
| Chromium   | 52-2  | 963     | 967     | 900     | 943     | 3.98   | cps   |
| Cobalt     | 59-2  | 70      | 43      | 27      | 47      | 46.84  | cps   |
| Copper     | 63-2  | 407     | 400     | 427     | 411     | 3.38   | cps   |
| Dysprosium | 156-1 | 0       | 8       | 8       | 6       | 86.60  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 7       | 2       | 173.21 | cps   |
| Erbium     | 164-1 | 42      | 42      | 50      | 44      | 10.82  | cps   |
| Erbium     | 164-2 | 10      | 7       | 3       | 7       | 50.03  | cps   |
| Gadolinium | 160-1 | 42      | 58      | 67      | 56      | 22.91  | cps   |
| Gadolinium | 160-2 | 3       | 7       | 7       | 6       | 34.70  | cps   |
| Holmium    | 165-1 | 8052867 | 8084655 | 8055488 | 8064337 | 0.22   | cps   |
| Holmium    | 165-2 | 1967104 | 1997545 | 2039470 | 2001373 | 1.82   | cps   |
| Indium     | 115-1 | 7324494 | 7241779 | 7223073 | 7263115 | 0.74   | cps   |
| Indium     | 115-2 | 354624  | 359637  | 380446  | 364902  | 3.75   | cps   |
| Iron       | 56-2  | 2706    | 2756    | 2828    | 2763    | 2.22   | cps   |
| Iron       | 57-2  | 100     | 78      | 111     | 96      | 17.63  | cps   |
| Lead       | 206-1 | 606     | 567     | 622     | 598     | 4.77   | cps   |
| Lead       | 207-1 | 439     | 567     | 533     | 513     | 12.92  | cps   |
| Lead       | 208-1 | 2350    | 2406    | 2545    | 2434    | 4.12   | cps   |
| Lithium    | 6-1   | 644003  | 648779  | 641643  | 644808  | 0.56   | cps   |
| Magnesium  | 24-2  | 250     | 342     | 292     | 294     | 15.59  | cps   |
| Manganese  | 55-2  | 63      | 60      | 77      | 67      | 13.23  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101593BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBW007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 13:07:40 | DataFile Name :   | 019CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 367     | 208     | 283     | 286     | 27.68   | cps   |
| Molybdenum | 95-1  | 83      | 67      | 58      | 69      | 18.33   | cps   |
| Molybdenum | 96-1  | 292     | 233     | 142     | 222     | 34.03   | cps   |
| Molybdenum | 97-1  | 208     | 183     | 350     | 247     | 36.36   | cps   |
| Molybdenum | 98-1  | 183     | 208     | 58      | 150     | 53.57   | cps   |
| Neodymium  | 150-1 | 7       | 27      | 20      | 18      | 57.27   | cps   |
| Neodymium  | 150-2 | 3       | 0       | 0       | 1       | 173.21  | cps   |
| Nickel     | 60-2  | 180     | 160     | 127     | 156     | 17.32   | cps   |
| Phosphorus | 31-2  | 8       | 0       | 8       | 6       | 86.60   | cps   |
| Potassium  | 39-2  | 3942    | 3742    | 3701    | 3795    | 3.41    | cps   |
| Rhodium    | 103-1 | 6822571 | 6816980 | 6842414 | 6827322 | 0.20    | cps   |
| Rhodium    | 103-2 | 1816732 | 1869001 | 1951908 | 1879213 | 3.63    | cps   |
| Scandium   | 45-1  | 4080794 | 4056652 | 4055964 | 4064470 | 0.35    | cps   |
| Scandium   | 45-2  | 36168   | 36915   | 39255   | 37446   | 4.30    | cps   |
| Selenium   | 77-2  | 0       | 3       | 0       | 1       | 173.21  | cps   |
| Selenium   | 78-2  | 11      | 2       | 0       | 4       | 137.79  | cps   |
| Selenium   | 82-1  | -41     | -226    | 20      | -82     | -156.25 | cps   |
| Silicon    | 28-1  | 409378  | 413515  | 411188  | 411360  | 0.50    | cps   |
| Silver     | 109-1 | 192     | 125     | 217     | 178     | 26.65   | cps   |
| Silver     | 107-1 | 429     | 404     | 500     | 444     | 11.18   | cps   |
| Sodium     | 23-2  | 7002    | 6710    | 6560    | 6757    | 3.32    | cps   |
| Strontium  | 86-1  | 1042    | 1050    | 1000    | 1031    | 2.60    | cps   |
| Strontium  | 88-1  | 333     | 400     | 358     | 364     | 9.25    | cps   |
| Sulfur     | 34-1  | 376249  | 379566  | 378047  | 377954  | 0.44    | cps   |
| Terbium    | 159-1 | 8624525 | 8429013 | 8348366 | 8467301 | 1.68    | cps   |
| Terbium    | 159-2 | 1866469 | 1926159 | 2001612 | 1931414 | 3.51    | cps   |
| Thallium   | 203-1 | 133     | 142     | 175     | 150     | 14.70   | cps   |
| Thallium   | 205-1 | 375     | 383     | 442     | 400     | 9.08    | cps   |
| Tin        | 118-1 | 2367    | 2692    | 2500    | 2520    | 6.49    | cps   |
| Titanium   | 47-1  | 108     | 158     | 150     | 139     | 19.29   | cps   |
| Uranium    | 238-1 | 100     | 75      | 92      | 89      | 14.32   | cps   |
| Vanadium   | 51-2  | 17      | 13      | 7       | 12      | 41.65   | cps   |
| Yttrium    | 89-1  | 7750393 | 7733047 | 7733924 | 7739121 | 0.13    | cps   |
| Yttrium    | 89-2  | 258559  | 262947  | 278225  | 266577  | 3.87    | cps   |
| Zinc       | 66-2  | 73      | 80      | 87      | 80      | 8.34    | cps   |
| Zirconium  | 90-1  | 575     | 633     | 642     | 617     | 5.89    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101593BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBW007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 13:07:40 | DataFile Name :   | 019CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 133  | 200  | 175  | 169     | 19.88  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101593BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 13:10:49 | DataFile Name :   | 020LCSE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 358     | 242     | 283     | 294     | 20.08  | cps   |
| Antimony   | 121-1 | 40680   | 40504   | 40738   | 40641   | 0.30   | cps   |
| Arsenic    | 75-2  | 257     | 296     | 281     | 278     | 7.05   | cps   |
| Barium     | 135-1 | 39410   | 39577   | 41040   | 40009   | 2.24   | cps   |
| Barium     | 137-1 | 68159   | 68988   | 68972   | 68707   | 0.69   | cps   |
| Beryllium  | 9-1   | 2339    | 2250    | 2311    | 2300    | 1.98   | cps   |
| Bismuth    | 209-1 | 4722196 | 4842334 | 4840989 | 4801840 | 1.44   | cps   |
| Bismuth    | 209-2 | 1575074 | 1494883 | 1624954 | 1564970 | 4.19   | cps   |
| Boron      | 10-1  | 6310    | 6985    | 6535    | 6610    | 5.20   | cps   |
| Boron      | 11-1  | 29657   | 30500   | 30859   | 30339   | 2.03   | cps   |
| Cadmium    | 111-1 | 5663    | 5829    | 5539    | 5677    | 2.56   | cps   |
| Cadmium    | 106-1 | 2284    | 2192    | 2009    | 2161    | 6.48   | cps   |
| Cadmium    | 108-1 | 350     | 367     | 246     | 321     | 20.41  | cps   |
| Calcium    | 43-1  | 22636   | 23445   | 22728   | 22936   | 1.93   | cps   |
| Calcium    | 44-1  | 377773  | 386766  | 384976  | 383172  | 1.24   | cps   |
| Chromium   | 52-2  | 5358    | 5294    | 4921    | 5191    | 4.55   | cps   |
| Cobalt     | 59-2  | 4361    | 4724    | 4494    | 4526    | 4.06   | cps   |
| Copper     | 63-2  | 8259    | 8640    | 8273    | 8390    | 2.57   | cps   |
| Dysprosium | 156-1 | 25      | 17      | 17      | 19      | 24.73  | cps   |
| Dysprosium | 156-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 83      | 50      | 92      | 75      | 29.40  | cps   |
| Erbium     | 164-2 | 30      | 3       | 20      | 18      | 75.79  | cps   |
| Gadolinium | 160-1 | 42      | 108     | 92      | 81      | 43.07  | cps   |
| Gadolinium | 160-2 | 17      | 7       | 23      | 16      | 53.90  | cps   |
| Holmium    | 165-1 | 8032114 | 8099228 | 8115585 | 8082309 | 0.55   | cps   |
| Holmium    | 165-2 | 2085056 | 1998018 | 2160819 | 2081297 | 3.91   | cps   |
| Indium     | 115-1 | 7208842 | 7313860 | 7264951 | 7262551 | 0.72   | cps   |
| Indium     | 115-2 | 383901  | 363112  | 396083  | 381032  | 4.38   | cps   |
| Iron       | 56-2  | 283681  | 287245  | 280155  | 283694  | 1.25   | cps   |
| Iron       | 57-2  | 6946    | 7130    | 7208    | 7095    | 1.89   | cps   |
| Lead       | 206-1 | 13280   | 13452   | 12835   | 13189   | 2.41   | cps   |
| Lead       | 207-1 | 11556   | 11795   | 11611   | 11654   | 1.07   | cps   |
| Lead       | 208-1 | 52098   | 52855   | 51999   | 52317   | 0.90   | cps   |
| Lithium    | 6-1   | 640544  | 650031  | 648405  | 646327  | 0.78   | cps   |
| Magnesium  | 24-2  | 35654   | 34343   | 33992   | 34663   | 2.53   | cps   |
| Manganese  | 55-2  | 677     | 770     | 587     | 678     | 13.53  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101593BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 13:10:49 | DataFile Name :   | 020LCSE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 35238   | 35748   | 34553   | 35180   | 1.70   | cps   |
| Molybdenum | 95-1  | 41255   | 43354   | 42016   | 42208   | 2.52   | cps   |
| Molybdenum | 96-1  | 45301   | 47643   | 47961   | 46969   | 3.09   | cps   |
| Molybdenum | 97-1  | 25784   | 26744   | 26869   | 26466   | 2.24   | cps   |
| Molybdenum | 98-1  | 66380   | 67611   | 66849   | 66947   | 0.93   | cps   |
| Neodymium  | 150-1 | 0       | 27      | 0       | 9       | 173.21 | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 1540    | 1427    | 1660    | 1542    | 7.57   | cps   |
| Phosphorus | 31-2  | 0       | 8       | 25      | 11      | 114.58 | cps   |
| Potassium  | 39-2  | 26200   | 26284   | 26058   | 26181   | 0.44   | cps   |
| Rhodium    | 103-1 | 6758972 | 6908029 | 6802016 | 6823005 | 1.12   | cps   |
| Rhodium    | 103-2 | 2002755 | 1886231 | 2042660 | 1977215 | 4.11   | cps   |
| Scandium   | 45-1  | 4014970 | 4061214 | 4096194 | 4057459 | 1.00   | cps   |
| Scandium   | 45-2  | 39355   | 37002   | 40549   | 38969   | 4.63   | cps   |
| Selenium   | 77-2  | 17      | 7       | 7       | 10      | 57.72  | cps   |
| Selenium   | 78-2  | 43      | 35      | 37      | 38      | 10.06  | cps   |
| Selenium   | 82-1  | 1276    | 1351    | 1324    | 1317    | 2.88   | cps   |
| Silicon    | 28-1  | 492547  | 497819  | 488902  | 493090  | 0.91   | cps   |
| Silver     | 109-1 | 20391   | 21451   | 22094   | 21312   | 4.03   | cps   |
| Silver     | 107-1 | 52998   | 54171   | 55393   | 54187   | 2.21   | cps   |
| Sodium     | 23-2  | 90965   | 92148   | 90480   | 91198   | 0.94   | cps   |
| Strontium  | 86-1  | 6468    | 7236    | 6794    | 6833    | 5.64   | cps   |
| Strontium  | 88-1  | 49584   | 50453   | 50954   | 50330   | 1.38   | cps   |
| Sulfur     | 34-1  | 381651  | 379900  | 382447  | 381333  | 0.34   | cps   |
| Terbium    | 159-1 | 8429633 | 8496240 | 8486184 | 8470686 | 0.42   | cps   |
| Terbium    | 159-2 | 2040738 | 1927208 | 2080257 | 2016068 | 3.94   | cps   |
| Thallium   | 203-1 | 13541   | 13449   | 13174   | 13388   | 1.43   | cps   |
| Thallium   | 205-1 | 31849   | 32159   | 31858   | 31955   | 0.55   | cps   |
| Tin        | 118-1 | 71123   | 71097   | 70653   | 70958   | 0.37   | cps   |
| Titanium   | 47-1  | 11113   | 10563   | 10463   | 10713   | 3.27   | cps   |
| Uranium    | 238-1 | 39765   | 39489   | 39322   | 39525   | 0.57   | cps   |
| Vanadium   | 51-2  | 7819    | 7909    | 7809    | 7846    | 0.70   | cps   |
| Yttrium    | 89-1  | 7628905 | 7758247 | 7793221 | 7726791 | 1.12   | cps   |
| Yttrium    | 89-2  | 282323  | 266915  | 290044  | 279761  | 4.21   | cps   |
| Zinc       | 66-2  | 730     | 873     | 790     | 798     | 9.02   | cps   |
| Zirconium  | 90-1  | 30134   | 30451   | 29608   | 30065   | 1.42   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB101593BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS007              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 13:10:49 | DataFile Name :   | 020LCSE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 6760 | 6677 | 6560 | 6666    | 1.51   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 13:15:16 | DataFile Name :   | 021SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 17      | 8       | 0       | 8       | 100.02 | cps   |
| Antimony   | 121-1 | 308     | 275     | 233     | 272     | 13.80  | cps   |
| Arsenic    | 75-2  | 7       | 4       | 4       | 5       | 43.39  | cps   |
| Barium     | 135-1 | 142     | 83      | 75      | 100     | 36.33  | cps   |
| Barium     | 137-1 | 92      | 175     | 208     | 158     | 37.95  | cps   |
| Beryllium  | 9-1   | 106     | 89      | 33      | 76      | 49.81  | cps   |
| Bismuth    | 209-1 | 5264824 | 5164203 | 5119468 | 5182831 | 1.44   | cps   |
| Bismuth    | 209-2 | 1661014 | 1659521 | 1718777 | 1679770 | 2.01   | cps   |
| Boron      | 10-1  | 983     | 933     | 942     | 953     | 2.81   | cps   |
| Boron      | 11-1  | 4259    | 4151    | 3967    | 4126    | 3.57   | cps   |
| Cadmium    | 111-1 | 1322    | 1253    | 1252    | 1276    | 3.13   | cps   |
| Cadmium    | 106-1 | 1867    | 1775    | 1767    | 1803    | 3.08   | cps   |
| Cadmium    | 108-1 | 8       | 8       | 8       | 8       | 0.00   | cps   |
| Calcium    | 43-1  | 2617    | 2492    | 2475    | 2528    | 3.06   | cps   |
| Calcium    | 44-1  | 49388   | 49363   | 50634   | 49795   | 1.46   | cps   |
| Chromium   | 52-2  | 717     | 680     | 667     | 688     | 3.77   | cps   |
| Cobalt     | 59-2  | 53      | 40      | 30      | 41      | 28.47  | cps   |
| Copper     | 63-2  | 580     | 517     | 560     | 552     | 5.86   | cps   |
| Dysprosium | 156-1 | 25      | 8       | 0       | 11      | 114.58 | cps   |
| Dysprosium | 156-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 17      | 8       | 33      | 19      | 65.47  | cps   |
| Erbium     | 164-2 | 7       | 0       | 3       | 3       | 100.05 | cps   |
| Gadolinium | 160-1 | 58      | 75      | 83      | 72      | 17.62  | cps   |
| Gadolinium | 160-2 | 10      | 13      | 20      | 14      | 35.26  | cps   |
| Holmium    | 165-1 | 8748148 | 8602377 | 8724059 | 8691528 | 0.90   | cps   |
| Holmium    | 165-2 | 2196490 | 2210418 | 2198377 | 2201762 | 0.34   | cps   |
| Indium     | 115-1 | 7948486 | 7789856 | 7752321 | 7830221 | 1.33   | cps   |
| Indium     | 115-2 | 405868  | 406926  | 401206  | 404667  | 0.75   | cps   |
| Iron       | 56-2  | 2767    | 2862    | 2873    | 2834    | 2.05   | cps   |
| Iron       | 57-2  | 83      | 78      | 89      | 83      | 6.67   | cps   |
| Lead       | 206-1 | 978     | 772     | 872     | 874     | 11.76  | cps   |
| Lead       | 207-1 | 744     | 794     | 861     | 800     | 7.32   | cps   |
| Lead       | 208-1 | 3739    | 3578    | 3611    | 3643    | 2.34   | cps   |
| Lithium    | 6-1   | 707809  | 691523  | 692545  | 697292  | 1.31   | cps   |
| Magnesium  | 24-2  | 242     | 217     | 217     | 225     | 6.41   | cps   |
| Manganese  | 55-2  | 90      | 67      | 63      | 73      | 19.81  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 13:15:16 | DataFile Name :   | 021SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 333     | 283     | 217     | 278     | 21.07  | cps   |
| Molybdenum | 95-1  | 83      | 100     | 83      | 89      | 10.82  | cps   |
| Molybdenum | 96-1  | 208     | 183     | 150     | 181     | 16.21  | cps   |
| Molybdenum | 97-1  | 175     | 233     | 208     | 206     | 14.24  | cps   |
| Molybdenum | 98-1  | 92      | 108     | 208     | 136     | 46.36  | cps   |
| Neodymium  | 150-1 | 33      | 13      | 7       | 18      | 78.05  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 163     | 137     | 137     | 146     | 10.58  | cps   |
| Phosphorus | 31-2  | 0       | 8       | 0       | 3       | 173.21 | cps   |
| Potassium  | 39-2  | 3684    | 3534    | 3734    | 3651    | 2.85   | cps   |
| Rhodium    | 103-1 | 7506915 | 7298795 | 7292966 | 7366225 | 1.65   | cps   |
| Rhodium    | 103-2 | 2076263 | 2100377 | 2104587 | 2093742 | 0.73   | cps   |
| Scandium   | 45-1  | 4422569 | 4343740 | 4351963 | 4372758 | 0.99   | cps   |
| Scandium   | 45-2  | 42039   | 40973   | 42170   | 41727   | 1.57   | cps   |
| Selenium   | 77-2  | 3       | 0       | 3       | 2       | 86.60  | cps   |
| Selenium   | 78-2  | 11      | 6       | 0       | 6       | 99.97  | cps   |
| Selenium   | 82-1  | -75     | -40     | -31     | -48     | -47.90 | cps   |
| Silicon    | 28-1  | 421514  | 417358  | 415682  | 418185  | 0.72   | cps   |
| Silver     | 109-1 | 375     | 408     | 300     | 361     | 15.37  | cps   |
| Silver     | 107-1 | 971     | 1021    | 750     | 914     | 15.77  | cps   |
| Sodium     | 23-2  | 6452    | 6177    | 6493    | 6374    | 2.70   | cps   |
| Strontium  | 86-1  | 1025    | 1100    | 1108    | 1078    | 4.26   | cps   |
| Strontium  | 88-1  | 542     | 575     | 592     | 569     | 4.47   | cps   |
| Sulfur     | 34-1  | 377121  | 374173  | 376917  | 376070  | 0.44   | cps   |
| Terbium    | 159-1 | 9205291 | 9058809 | 9052758 | 9105620 | 0.95   | cps   |
| Terbium    | 159-2 | 2132054 | 2139260 | 2138190 | 2136501 | 0.18   | cps   |
| Thallium   | 203-1 | 158     | 142     | 225     | 175     | 25.20  | cps   |
| Thallium   | 205-1 | 533     | 458     | 533     | 508     | 8.52   | cps   |
| Tin        | 118-1 | 692     | 742     | 858     | 764     | 11.20  | cps   |
| Titanium   | 47-1  | 142     | 233     | 217     | 197     | 24.76  | cps   |
| Uranium    | 238-1 | 92      | 67      | 117     | 92      | 27.27  | cps   |
| Vanadium   | 51-2  | 13      | 10      | 17      | 13      | 25.01  | cps   |
| Yttrium    | 89-1  | 8379875 | 8282924 | 8286744 | 8316514 | 0.66   | cps   |
| Yttrium    | 89-2  | 297334  | 295932  | 294214  | 295827  | 0.53   | cps   |
| Zinc       | 66-2  | 8953    | 8923    | 8906    | 8927    | 0.26   | cps   |
| Zirconium  | 90-1  | 667     | 583     | 558     | 603     | 9.41   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 13:15:16 | DataFile Name :   | 021SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 192  | 100  | 92   | 128     | 43.43  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 13:18:25 | DataFile Name :   | 022SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 4184     | 4384     | 3934     | 4167     | 5.41   | cps   |
| Antimony   | 121-1 | 8495     | 8478     | 8511     | 8495     | 0.20   | cps   |
| Arsenic    | 75-2  | 415      | 430      | 435      | 427      | 2.47   | cps   |
| Barium     | 135-1 | 252278   | 249025   | 246395   | 249233   | 1.18   | cps   |
| Barium     | 137-1 | 430457   | 429262   | 428824   | 429514   | 0.20   | cps   |
| Beryllium  | 9-1   | 206      | 200      | 233      | 213      | 8.39   | cps   |
| Bismuth    | 209-1 | 4869968  | 4878465  | 4905801  | 4884745  | 0.38   | cps   |
| Bismuth    | 209-2 | 1591320  | 1576839  | 1568953  | 1579037  | 0.72   | cps   |
| Boron      | 10-1  | 8311     | 9120     | 9328     | 8920     | 6.03   | cps   |
| Boron      | 11-1  | 40859    | 41937    | 43299    | 42032    | 2.91   | cps   |
| Cadmium    | 111-1 | 1501     | 1558     | 1864     | 1641     | 11.88  | cps   |
| Cadmium    | 106-1 | 1884     | 1875     | 2209     | 1989     | 9.56   | cps   |
| Cadmium    | 108-1 | 54       | 42       | 46       | 47       | 13.48  | cps   |
| Calcium    | 43-1  | 1649639  | 1682362  | 1668485  | 1666828  | 0.99   | cps   |
| Calcium    | 44-1  | 26861164 | 26869755 | 26918680 | 26883200 | 0.12   | cps   |
| Chromium   | 52-2  | 3354     | 3324     | 3370     | 3349     | 0.71   | cps   |
| Cobalt     | 59-2  | 1757     | 1793     | 1847     | 1799     | 2.52   | cps   |
| Copper     | 63-2  | 25256    | 25570    | 25220    | 25349    | 0.76   | cps   |
| Dysprosium | 156-1 | 3217     | 2925     | 3559     | 3234     | 9.81   | cps   |
| Dysprosium | 156-2 | 830      | 847      | 840      | 839      | 1.00   | cps   |
| Erbium     | 164-1 | 2475     | 2684     | 2667     | 2609     | 4.44   | cps   |
| Erbium     | 164-2 | 607      | 620      | 607      | 611      | 1.26   | cps   |
| Gadolinium | 160-1 | 2942     | 3426     | 2784     | 3051     | 10.96  | cps   |
| Gadolinium | 160-2 | 1030     | 1063     | 987      | 1027     | 3.74   | cps   |
| Holmium    | 165-1 | 8495775  | 8418109  | 8608634  | 8507506  | 1.13   | cps   |
| Holmium    | 165-2 | 2182572  | 2190569  | 2154795  | 2175979  | 0.86   | cps   |
| Indium     | 115-1 | 7613741  | 7619950  | 7737487  | 7657059  | 0.91   | cps   |
| Indium     | 115-2 | 398310   | 394442   | 393489   | 395414   | 0.65   | cps   |
| Iron       | 56-2  | 1888955  | 1850990  | 1876433  | 1872126  | 1.03   | cps   |
| Iron       | 57-2  | 45313    | 45976    | 46127    | 45805    | 0.95   | cps   |
| Lead       | 206-1 | 23923    | 23895    | 24368    | 24062    | 1.10   | cps   |
| Lead       | 207-1 | 19660    | 19961    | 20022    | 19881    | 0.97   | cps   |
| Lead       | 208-1 | 91914    | 93130    | 92119    | 92388    | 0.70   | cps   |
| Lithium    | 6-1   | 699633   | 704177   | 715796   | 706535   | 1.18   | cps   |
| Magnesium  | 24-2  | 701634   | 690253   | 694690   | 695525   | 0.82   | cps   |
| Manganese  | 55-2  | 57006    | 56527    | 56353    | 56629    | 0.60   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 13:18:25 | DataFile Name :   | 022SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 16260    | 17462    | 17153    | 16958    | 3.68   | cps   |
| Molybdenum | 95-1  | 17587    | 17762    | 18146    | 17832    | 1.60   | cps   |
| Molybdenum | 96-1  | 19682    | 20041    | 19431    | 19718    | 1.55   | cps   |
| Molybdenum | 97-1  | 10997    | 11806    | 11205    | 11336    | 3.71   | cps   |
| Molybdenum | 98-1  | 27779    | 28481    | 28356    | 28205    | 1.33   | cps   |
| Neodymium  | 150-1 | 5341     | 5315     | 5155     | 5270     | 1.92   | cps   |
| Neodymium  | 150-2 | 867      | 897      | 803      | 856      | 5.57   | cps   |
| Nickel     | 60-2  | 2347     | 2480     | 2300     | 2376     | 3.93   | cps   |
| Phosphorus | 31-2  | 100      | 67       | 58       | 75       | 29.40  | cps   |
| Potassium  | 39-2  | 162808   | 163186   | 162209   | 162734   | 0.30   | cps   |
| Rhodium    | 103-1 | 6965697  | 7025958  | 7118444  | 7036700  | 1.09   | cps   |
| Rhodium    | 103-2 | 2020818  | 2010966  | 2005428  | 2012404  | 0.39   | cps   |
| Scandium   | 45-1  | 4377175  | 4370422  | 4436585  | 4394727  | 0.83   | cps   |
| Scandium   | 45-2  | 41652    | 41147    | 40873    | 41224    | 0.96   | cps   |
| Selenium   | 77-2  | 0        | 7        | 10       | 6        | 91.64  | cps   |
| Selenium   | 78-2  | 13       | 13       | 6        | 10       | 40.72  | cps   |
| Selenium   | 82-1  | 102      | 24       | -3       | 41       | 132.77 | cps   |
| Silicon    | 28-1  | 15394561 | 15376361 | 15494763 | 15421895 | 0.41   | cps   |
| Silver     | 109-1 | 2517     | 3242     | 3259     | 3006     | 14.09  | cps   |
| Silver     | 107-1 | 6676     | 8306     | 8331     | 7771     | 12.20  | cps   |
| Sodium     | 23-2  | 12855117 | 12744122 | 12558291 | 12719177 | 1.18   | cps   |
| Strontium  | 86-1  | 546023   | 549379   | 554561   | 549988   | 0.78   | cps   |
| Strontium  | 88-1  | 4881202  | 4784649  | 4836225  | 4834025  | 1.00   | cps   |
| Sulfur     | 34-1  | 732142   | 740673   | 740606   | 737807   | 0.66   | cps   |
| Terbium    | 159-1 | 8905221  | 8891388  | 9019901  | 8938837  | 0.79   | cps   |
| Terbium    | 159-2 | 2124712  | 2109102  | 2103383  | 2112399  | 0.52   | cps   |
| Thallium   | 203-1 | 717      | 800      | 867      | 795      | 9.46   | cps   |
| Thallium   | 205-1 | 1642     | 2217     | 2325     | 2061     | 17.82  | cps   |
| Tin        | 118-1 | 2359     | 2442     | 2484     | 2428     | 2.62   | cps   |
| Titanium   | 47-1  | 13624    | 13716    | 13950    | 13763    | 1.22   | cps   |
| Uranium    | 238-1 | 9296     | 9437     | 10063    | 9599     | 4.25   | cps   |
| Vanadium   | 51-2  | 2920     | 2804     | 2880     | 2868     | 2.07   | cps   |
| Yttrium    | 89-1  | 8246781  | 8274222  | 8434903  | 8318635  | 1.22   | cps   |
| Yttrium    | 89-2  | 294014   | 294448   | 292448   | 293637   | 0.36   | cps   |
| Zinc       | 66-2  | 21534    | 21547    | 21911    | 21664    | 0.99   | cps   |
| Zirconium  | 90-1  | 19089    | 19039    | 18881    | 19003    | 0.57   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 13:18:25 | DataFile Name :   | 022SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 4393 | 4401 | 4384 | 4393    | 0.19   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 13:21:32 | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 4268     | 3892     | 4401     | 4187     | 6.30   | cps   |
| Antimony   | 121-1 | 8486     | 8603     | 7878     | 8322     | 4.68   | cps   |
| Arsenic    | 75-2  | 383      | 402      | 396      | 394      | 2.41   | cps   |
| Barium     | 135-1 | 253117   | 250835   | 249484   | 251145   | 0.73   | cps   |
| Barium     | 137-1 | 435314   | 430695   | 428219   | 431409   | 0.83   | cps   |
| Beryllium  | 9-1   | 239      | 178      | 189      | 202      | 16.13  | cps   |
| Bismuth    | 209-1 | 4913858  | 4934434  | 4915845  | 4921379  | 0.23   | cps   |
| Bismuth    | 209-2 | 1585551  | 1576923  | 1583712  | 1582062  | 0.29   | cps   |
| Boron      | 10-1  | 9395     | 8603     | 8770     | 8923     | 4.68   | cps   |
| Boron      | 11-1  | 40951    | 41945    | 41703    | 41533    | 1.25   | cps   |
| Cadmium    | 111-1 | 1705     | 1699     | 1506     | 1637     | 6.91   | cps   |
| Cadmium    | 106-1 | 2000     | 2059     | 1717     | 1925     | 9.50   | cps   |
| Cadmium    | 108-1 | 71       | 54       | 42       | 56       | 26.34  | cps   |
| Calcium    | 43-1  | 1691239  | 1668719  | 1661231  | 1673730  | 0.93   | cps   |
| Calcium    | 44-1  | 27062904 | 26682928 | 26652010 | 26799281 | 0.85   | cps   |
| Chromium   | 52-2  | 3224     | 3164     | 3437     | 3275     | 4.39   | cps   |
| Cobalt     | 59-2  | 1947     | 1874     | 1920     | 1914     | 1.94   | cps   |
| Copper     | 63-2  | 25787    | 24889    | 25136    | 25271    | 1.84   | cps   |
| Dysprosium | 156-1 | 3259     | 3234     | 3184     | 3226     | 1.18   | cps   |
| Dysprosium | 156-2 | 923      | 910      | 903      | 912      | 1.12   | cps   |
| Erbium     | 164-1 | 2817     | 2825     | 2750     | 2798     | 1.47   | cps   |
| Erbium     | 164-2 | 597      | 530      | 690      | 606      | 13.27  | cps   |
| Gadolinium | 160-1 | 3326     | 3517     | 3126     | 3323     | 5.90   | cps   |
| Gadolinium | 160-2 | 953      | 1063     | 1090     | 1036     | 7.00   | cps   |
| Holmium    | 165-1 | 8513498  | 8668940  | 8502043  | 8561494  | 1.09   | cps   |
| Holmium    | 165-2 | 2192393  | 2138670  | 2173136  | 2168066  | 1.26   | cps   |
| Indium     | 115-1 | 7622978  | 7651968  | 7656067  | 7643671  | 0.24   | cps   |
| Indium     | 115-2 | 392295   | 385517   | 391349   | 389720   | 0.94   | cps   |
| Iron       | 56-2  | 1883117  | 1833518  | 1853336  | 1856657  | 1.34   | cps   |
| Iron       | 57-2  | 47019    | 45993    | 45871    | 46294    | 1.36   | cps   |
| Lead       | 206-1 | 24101    | 23377    | 22999    | 23493    | 2.38   | cps   |
| Lead       | 207-1 | 19699    | 19582    | 19426    | 19569    | 0.70   | cps   |
| Lead       | 208-1 | 92170    | 92100    | 91761    | 92010    | 0.24   | cps   |
| Lithium    | 6-1   | 704858   | 712275   | 706435   | 707856   | 0.55   | cps   |
| Magnesium  | 24-2  | 693484   | 681770   | 690967   | 688740   | 0.90   | cps   |
| Manganese  | 55-2  | 56474    | 55497    | 56705    | 56225    | 1.14   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 13:21:32 | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 16527    | 17755    | 17570    | 17284    | 3.83   | cps   |
| Molybdenum | 95-1  | 17303    | 17445    | 18171    | 17640    | 2.64   | cps   |
| Molybdenum | 96-1  | 20316    | 21028    | 20283    | 20542    | 2.05   | cps   |
| Molybdenum | 97-1  | 11414    | 10871    | 11105    | 11130    | 2.44   | cps   |
| Molybdenum | 98-1  | 27863    | 27779    | 27429    | 27690    | 0.83   | cps   |
| Neodymium  | 150-1 | 5455     | 5141     | 5134     | 5243     | 3.49   | cps   |
| Neodymium  | 150-2 | 877      | 720      | 940      | 846      | 13.39  | cps   |
| Nickel     | 60-2  | 2327     | 2290     | 2244     | 2287     | 1.83   | cps   |
| Phosphorus | 31-2  | 42       | 58       | 33       | 44       | 28.65  | cps   |
| Potassium  | 39-2  | 163768   | 159158   | 159611   | 160845   | 1.58   | cps   |
| Rhodium    | 103-1 | 6992443  | 7096328  | 7016161  | 7034977  | 0.77   | cps   |
| Rhodium    | 103-2 | 2002040  | 1980726  | 1996685  | 1993150  | 0.56   | cps   |
| Scandium   | 45-1  | 4384667  | 4401461  | 4379927  | 4388685  | 0.26   | cps   |
| Scandium   | 45-2  | 41525    | 40749    | 41297    | 41190    | 0.97   | cps   |
| Selenium   | 77-2  | 7        | 0        | 13       | 7        | 99.98  | cps   |
| Selenium   | 78-2  | 15       | 7        | 7        | 10       | 43.26  | cps   |
| Selenium   | 82-1  | 18       | 11       | 71       | 34       | 97.94  | cps   |
| Silicon    | 28-1  | 15465708 | 15251474 | 15528926 | 15415369 | 0.94   | cps   |
| Silver     | 109-1 | 2892     | 2375     | 2809     | 2692     | 10.31  | cps   |
| Silver     | 107-1 | 7014     | 6438     | 6755     | 6736     | 4.28   | cps   |
| Sodium     | 23-2  | 12765046 | 12641457 | 12652632 | 12686379 | 0.54   | cps   |
| Strontium  | 86-1  | 553212   | 545516   | 548026   | 548918   | 0.72   | cps   |
| Strontium  | 88-1  | 4810135  | 4776950  | 4774146  | 4787077  | 0.42   | cps   |
| Sulfur     | 34-1  | 726948   | 719585   | 715478   | 720671   | 0.81   | cps   |
| Terbium    | 159-1 | 8844774  | 9061759  | 8953751  | 8953428  | 1.21   | cps   |
| Terbium    | 159-2 | 2105544  | 2092543  | 2097148  | 2098412  | 0.31   | cps   |
| Thallium   | 203-1 | 425      | 375      | 417      | 406      | 6.61   | cps   |
| Thallium   | 205-1 | 1058     | 983      | 992      | 1011     | 4.07   | cps   |
| Tin        | 118-1 | 2217     | 2442     | 2334     | 2331     | 4.83   | cps   |
| Titanium   | 47-1  | 14600    | 14074    | 14550    | 14408    | 2.01   | cps   |
| Uranium    | 238-1 | 10105    | 9346     | 10163    | 9871     | 4.62   | cps   |
| Vanadium   | 51-2  | 2944     | 2944     | 2757     | 2881     | 3.74   | cps   |
| Yttrium    | 89-1  | 8247405  | 8276454  | 8191041  | 8238300  | 0.53   | cps   |
| Yttrium    | 89-2  | 291971   | 288453   | 291258   | 290561   | 0.64   | cps   |
| Zinc       | 66-2  | 21640    | 21163    | 21734    | 21512    | 1.42   | cps   |
| Zirconium  | 90-1  | 19190    | 18455    | 18313    | 18653    | 2.52   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 13:21:32 | DataFile Name :   | 023SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 4101 | 4293 | 5273 | 4555    | 13.80  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-01LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2017-08-22 13:24:41 | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 858     | 667     | 808     | 778     | 12.78  | cps   |
| Antimony   | 121-1 | 1584    | 1734    | 1492    | 1603    | 7.61   | cps   |
| Arsenic    | 75-2  | 81      | 85      | 78      | 81      | 4.55   | cps   |
| Barium     | 135-1 | 46307   | 46826   | 45973   | 46368   | 0.93   | cps   |
| Barium     | 137-1 | 80303   | 79682   | 78810   | 79598   | 0.94   | cps   |
| Beryllium  | 9-1   | 83      | 128     | 100     | 104     | 21.65  | cps   |
| Bismuth    | 209-1 | 4813130 | 4827934 | 4761206 | 4800757 | 0.73   | cps   |
| Bismuth    | 209-2 | 1562245 | 1558033 | 1550390 | 1556889 | 0.39   | cps   |
| Boron      | 10-1  | 2409    | 2309    | 2392    | 2370    | 2.26   | cps   |
| Boron      | 11-1  | 11380   | 10854   | 10429   | 10888   | 4.37   | cps   |
| Cadmium    | 111-1 | 1285    | 1543    | 1171    | 1333    | 14.30  | cps   |
| Cadmium    | 106-1 | 1767    | 2025    | 1625    | 1806    | 11.23  | cps   |
| Cadmium    | 108-1 | 21      | 0       | 13      | 11      | 94.37  | cps   |
| Calcium    | 43-1  | 299824  | 300395  | 300155  | 300124  | 0.10   | cps   |
| Calcium    | 44-1  | 4997288 | 4979458 | 4918003 | 4964916 | 0.84   | cps   |
| Chromium   | 52-2  | 1333    | 1423    | 2768    | 1841    | 43.62  | cps   |
| Cobalt     | 59-2  | 310     | 357     | 377     | 348     | 9.84   | cps   |
| Copper     | 63-2  | 5361    | 5448    | 5158    | 5322    | 2.80   | cps   |
| Dysprosium | 156-1 | 467     | 708     | 692     | 622     | 21.69  | cps   |
| Dysprosium | 156-2 | 200     | 170     | 150     | 173     | 14.52  | cps   |
| Erbium     | 164-1 | 533     | 533     | 583     | 550     | 5.25   | cps   |
| Erbium     | 164-2 | 133     | 133     | 117     | 128     | 7.53   | cps   |
| Gadolinium | 160-1 | 642     | 700     | 700     | 681     | 4.95   | cps   |
| Gadolinium | 160-2 | 210     | 203     | 187     | 200     | 6.01   | cps   |
| Holmium    | 165-1 | 8117425 | 8224016 | 8092013 | 8144484 | 0.86   | cps   |
| Holmium    | 165-2 | 2086698 | 2075558 | 2093841 | 2085365 | 0.44   | cps   |
| Indium     | 115-1 | 7382102 | 7318955 | 7230930 | 7310662 | 1.04   | cps   |
| Indium     | 115-2 | 378278  | 375546  | 374689  | 376171  | 0.50   | cps   |
| Iron       | 56-2  | 344297  | 340115  | 343865  | 342759  | 0.67   | cps   |
| Iron       | 57-2  | 8686    | 8770    | 8781    | 8746    | 0.59   | cps   |
| Lead       | 206-1 | 4862    | 4973    | 5240    | 5025    | 3.87   | cps   |
| Lead       | 207-1 | 4040    | 4051    | 3851    | 3980    | 2.82   | cps   |
| Lead       | 208-1 | 19179   | 18623   | 19073   | 18958   | 1.56   | cps   |
| Lithium    | 6-1   | 663551  | 662540  | 658908  | 661666  | 0.37   | cps   |
| Magnesium  | 24-2  | 128315  | 128527  | 127072  | 127972  | 0.61   | cps   |
| Manganese  | 55-2  | 10451   | 10914   | 10434   | 10600   | 2.57   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-01LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2017-08-22 13:24:41 | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 2909    | 3167    | 3234    | 3103    | 5.53   | cps   |
| Molybdenum | 95-1  | 3101    | 3742    | 3292    | 3378    | 9.75   | cps   |
| Molybdenum | 96-1  | 3976    | 3434    | 3734    | 3715    | 7.31   | cps   |
| Molybdenum | 97-1  | 2209    | 2125    | 2467    | 2267    | 7.86   | cps   |
| Molybdenum | 98-1  | 5476    | 5351    | 4909    | 5246    | 5.68   | cps   |
| Neodymium  | 150-1 | 1060    | 1060    | 907     | 1009    | 8.78   | cps   |
| Neodymium  | 150-2 | 117     | 183     | 183     | 161     | 23.89  | cps   |
| Nickel     | 60-2  | 643     | 687     | 520     | 617     | 14.02  | cps   |
| Phosphorus | 31-2  | 8       | 25      | 17      | 17      | 50.01  | cps   |
| Potassium  | 39-2  | 33458   | 32956   | 32973   | 33129   | 0.86   | cps   |
| Rhodium    | 103-1 | 6792962 | 6853700 | 6754393 | 6800352 | 0.74   | cps   |
| Rhodium    | 103-2 | 1955858 | 1970268 | 1948507 | 1958211 | 0.57   | cps   |
| Scandium   | 45-1  | 4144027 | 4126952 | 4119673 | 4130217 | 0.30   | cps   |
| Scandium   | 45-2  | 38911   | 38546   | 38656   | 38704   | 0.48   | cps   |
| Selenium   | 77-2  | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 4       | 6       | 4       | 4       | 24.86  | cps   |
| Selenium   | 82-1  | -59     | -165    | -98     | -107    | -50.36 | cps   |
| Silicon    | 28-1  | 3194534 | 3209113 | 3182051 | 3195233 | 0.42   | cps   |
| Silver     | 109-1 | 658     | 808     | 800     | 756     | 11.16  | cps   |
| Silver     | 107-1 | 2121    | 2213    | 2192    | 2175    | 2.21   | cps   |
| Sodium     | 23-2  | 2360783 | 2367950 | 2363359 | 2364031 | 0.15   | cps   |
| Strontium  | 86-1  | 103902  | 101920  | 101668  | 102496  | 1.19   | cps   |
| Strontium  | 88-1  | 871948  | 877535  | 879056  | 876180  | 0.43   | cps   |
| Sulfur     | 34-1  | 439923  | 440154  | 435938  | 438672  | 0.54   | cps   |
| Terbium    | 159-1 | 8581415 | 8528891 | 8476966 | 8529090 | 0.61   | cps   |
| Terbium    | 159-2 | 2010881 | 2033048 | 1997664 | 2013864 | 0.89   | cps   |
| Thallium   | 203-1 | 83      | 167     | 192     | 147     | 38.53  | cps   |
| Thallium   | 205-1 | 350     | 325     | 350     | 342     | 4.22   | cps   |
| Tin        | 118-1 | 2384    | 2484    | 2500    | 2456    | 2.57   | cps   |
| Titanium   | 47-1  | 3193    | 3470    | 2800    | 3154    | 10.66  | cps   |
| Uranium    | 238-1 | 1900    | 1909    | 1917    | 1909    | 0.44   | cps   |
| Vanadium   | 51-2  | 553     | 557     | 463     | 524     | 10.10  | cps   |
| Yttrium    | 89-1  | 7829978 | 7755597 | 7685288 | 7756954 | 0.93   | cps   |
| Yttrium    | 89-2  | 277464  | 276491  | 274717  | 276224  | 0.50   | cps   |
| Zinc       | 66-2  | 4064    | 4224    | 3914    | 4067    | 3.81   | cps   |
| Zirconium  | 90-1  | 4234    | 3526    | 3909    | 3890    | 9.12   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-01LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2017-08-22 13:24:41 | DataFile Name :   | 024SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 858  | 858  | 842  | 853     | 1.13   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 13:27:49 | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 19906    | 19881    | 20023    | 19937    | 0.38   | cps   |
| Antimony   | 121-1 | 1143618  | 1123982  | 1128479  | 1132027  | 0.91   | cps   |
| Arsenic    | 75-2  | 6187     | 6081     | 6155     | 6141     | 0.88   | cps   |
| Barium     | 135-1 | 4991585  | 4901824  | 4902675  | 4932028  | 1.05   | cps   |
| Barium     | 137-1 | 8504679  | 8322353  | 8381142  | 8402724  | 1.11   | cps   |
| Beryllium  | 9-1   | 63596    | 63518    | 64070    | 63728    | 0.47   | cps   |
| Bismuth    | 209-1 | 4892186  | 4839537  | 4769442  | 4833722  | 1.27   | cps   |
| Bismuth    | 209-2 | 1550739  | 1470494  | 1518606  | 1513279  | 2.67   | cps   |
| Boron      | 10-1  | 7869     | 8269     | 8603     | 8247     | 4.46   | cps   |
| Boron      | 11-1  | 39355    | 40592    | 39347    | 39765    | 1.80   | cps   |
| Cadmium    | 111-1 | 128368   | 125944   | 125681   | 126664   | 1.17   | cps   |
| Cadmium    | 106-1 | 13574    | 12748    | 13265    | 13196    | 3.16   | cps   |
| Cadmium    | 108-1 | 8369     | 7890     | 8290     | 8183     | 3.14   | cps   |
| Calcium    | 43-1  | 1598907  | 1594280  | 1595425  | 1596204  | 0.15   | cps   |
| Calcium    | 44-1  | 25884888 | 25442712 | 25316445 | 25548015 | 1.17   | cps   |
| Chromium   | 52-2  | 238832   | 239455   | 235125   | 237804   | 0.98   | cps   |
| Cobalt     | 59-2  | 1236700  | 1233592  | 1231311  | 1233868  | 0.22   | cps   |
| Copper     | 63-2  | 561436   | 559728   | 557758   | 559641   | 0.33   | cps   |
| Dysprosium | 156-1 | 3134     | 3426     | 2692     | 3084     | 11.98  | cps   |
| Dysprosium | 156-2 | 823      | 793      | 813      | 810      | 1.89   | cps   |
| Erbium     | 164-1 | 2609     | 2592     | 2892     | 2698     | 6.25   | cps   |
| Erbium     | 164-2 | 593      | 623      | 730      | 649      | 11.07  | cps   |
| Gadolinium | 160-1 | 3092     | 2900     | 3059     | 3017     | 3.39   | cps   |
| Gadolinium | 160-2 | 973      | 950      | 867      | 930      | 6.03   | cps   |
| Holmium    | 165-1 | 8502142  | 8383556  | 8360953  | 8415550  | 0.90   | cps   |
| Holmium    | 165-2 | 2115394  | 2007210  | 2095947  | 2072850  | 2.78   | cps   |
| Indium     | 115-1 | 7633678  | 7538747  | 7556157  | 7576194  | 0.67   | cps   |
| Indium     | 115-2 | 387395   | 364723   | 375844   | 375987   | 3.02   | cps   |
| Iron       | 56-2  | 2551131  | 2542011  | 2548145  | 2547096  | 0.18   | cps   |
| Iron       | 57-2  | 63433    | 64042    | 62155    | 63210    | 1.52   | cps   |
| Lead       | 206-1 | 141598   | 141709   | 139716   | 141008   | 0.79   | cps   |
| Lead       | 207-1 | 124909   | 124577   | 123574   | 124353   | 0.56   | cps   |
| Lead       | 208-1 | 568692   | 564061   | 560001   | 564251   | 0.77   | cps   |
| Lithium    | 6-1   | 718162   | 706692   | 709736   | 711530   | 0.84   | cps   |
| Magnesium  | 24-2  | 663843   | 659404   | 657875   | 660374   | 0.47   | cps   |
| Manganese  | 55-2  | 222449   | 223498   | 221273   | 222407   | 0.50   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 13:27:49 | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 16469    | 16085    | 16102    | 16219    | 1.34   | cps   |
| Molybdenum | 95-1  | 17178    | 16528    | 17145    | 16950    | 2.16   | cps   |
| Molybdenum | 96-1  | 18914    | 20057    | 19457    | 19476    | 2.94   | cps   |
| Molybdenum | 97-1  | 10830    | 10630    | 10738    | 10732    | 0.93   | cps   |
| Molybdenum | 98-1  | 27579    | 27412    | 25993    | 26995    | 3.23   | cps   |
| Neodymium  | 150-1 | 5335     | 5495     | 5261     | 5364     | 2.23   | cps   |
| Neodymium  | 150-2 | 960      | 840      | 863      | 888      | 7.17   | cps   |
| Nickel     | 60-2  | 365362   | 361762   | 358340   | 361821   | 0.97   | cps   |
| Phosphorus | 31-2  | 75       | 100      | 50       | 75       | 33.34  | cps   |
| Potassium  | 39-2  | 157210   | 152895   | 152569   | 154225   | 1.68   | cps   |
| Rhodium    | 103-1 | 7042380  | 6876219  | 6902810  | 6940470  | 1.29   | cps   |
| Rhodium    | 103-2 | 1970208  | 1862076  | 1906050  | 1912778  | 2.84   | cps   |
| Scandium   | 45-1  | 4309932  | 4274833  | 4323634  | 4302800  | 0.58   | cps   |
| Scandium   | 45-2  | 39803    | 37664    | 39242    | 38903    | 2.85   | cps   |
| Selenium   | 77-2  | 140      | 93       | 120      | 118      | 19.88  | cps   |
| Selenium   | 78-2  | 409      | 381      | 420      | 404      | 4.96   | cps   |
| Selenium   | 82-1  | 15927    | 15865    | 15726    | 15839    | 0.65   | cps   |
| Silicon    | 28-1  | 14788043 | 14568689 | 14588333 | 14648355 | 0.83   | cps   |
| Silver     | 109-1 | 532466   | 524671   | 530906   | 529348   | 0.78   | cps   |
| Silver     | 107-1 | 1353661  | 1336399  | 1346120  | 1345393  | 0.64   | cps   |
| Sodium     | 23-2  | 12157506 | 12176859 | 12000435 | 12111600 | 0.80   | cps   |
| Strontium  | 86-1  | 525028   | 524669   | 520602   | 523433   | 0.47   | cps   |
| Strontium  | 88-1  | 4617159  | 4584945  | 4527345  | 4576483  | 0.99   | cps   |
| Sulfur     | 34-1  | 703443   | 697388   | 695990   | 698940   | 0.57   | cps   |
| Terbium    | 159-1 | 8941409  | 8801393  | 8821549  | 8854784  | 0.85   | cps   |
| Terbium    | 159-2 | 2066998  | 1966862  | 2018594  | 2017485  | 2.48   | cps   |
| Thallium   | 203-1 | 370489   | 361387   | 367174   | 366350   | 1.26   | cps   |
| Thallium   | 205-1 | 889754   | 872050   | 870676   | 877493   | 1.21   | cps   |
| Tin        | 118-1 | 2359     | 2542     | 2559     | 2486     | 4.46   | cps   |
| Titanium   | 47-1  | 12581    | 12556    | 13107    | 12748    | 2.44   | cps   |
| Uranium    | 238-1 | 9613     | 9938     | 9896     | 9815     | 1.80   | cps   |
| Vanadium   | 51-2  | 439651   | 440155   | 437244   | 439016   | 0.35   | cps   |
| Yttrium    | 89-1  | 8218024  | 8113697  | 8118131  | 8149950  | 0.72   | cps   |
| Yttrium    | 89-2  | 286778   | 271353   | 279650   | 279260   | 2.76   | cps   |
| Zinc       | 66-2  | 117482   | 117065   | 115025   | 116524   | 1.13   | cps   |
| Zirconium  | 90-1  | 17278    | 16978    | 16035    | 16764    | 3.87   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 13:27:49 | DataFile Name :   | 025SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 3867 | 3926 | 3817 | 3870    | 1.40   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-01DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-22 13:30:57 | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 200     | 183     | 267     | 217     | 20.35  | cps   |
| Antimony   | 121-1 | 558     | 508     | 600     | 556     | 8.26   | cps   |
| Arsenic    | 75-2  | 11      | 17      | 33      | 20      | 56.76  | cps   |
| Barium     | 135-1 | 11989   | 12139   | 11889   | 12006   | 1.05   | cps   |
| Barium     | 137-1 | 20717   | 20709   | 20308   | 20578   | 1.14   | cps   |
| Beryllium  | 9-1   | 106     | 78      | 133     | 106     | 26.32  | cps   |
| Bismuth    | 209-1 | 4772215 | 4751222 | 4788197 | 4770545 | 0.39   | cps   |
| Bismuth    | 209-2 | 1547345 | 1466187 | 1547701 | 1520411 | 3.09   | cps   |
| Boron      | 10-1  | 1283    | 1158    | 1300    | 1247    | 6.21   | cps   |
| Boron      | 11-1  | 5543    | 5776    | 5685    | 5668    | 2.07   | cps   |
| Cadmium    | 111-1 | 1236    | 1156    | 1252    | 1215    | 4.25   | cps   |
| Cadmium    | 106-1 | 1725    | 1609    | 1750    | 1695    | 4.46   | cps   |
| Cadmium    | 108-1 | 13      | 17      | 21      | 17      | 24.99  | cps   |
| Calcium    | 43-1  | 78209   | 78570   | 78939   | 78573   | 0.46   | cps   |
| Calcium    | 44-1  | 1322848 | 1320589 | 1334210 | 1325882 | 0.55   | cps   |
| Chromium   | 52-2  | 1107    | 987     | 1067    | 1053    | 5.80   | cps   |
| Cobalt     | 59-2  | 97      | 100     | 117     | 104     | 10.26  | cps   |
| Copper     | 63-2  | 1730    | 1533    | 1660    | 1641    | 6.07   | cps   |
| Dysprosium | 156-1 | 308     | 175     | 175     | 219     | 35.08  | cps   |
| Dysprosium | 156-2 | 47      | 33      | 47      | 42      | 18.24  | cps   |
| Erbium     | 164-1 | 142     | 75      | 167     | 128     | 37.08  | cps   |
| Erbium     | 164-2 | 47      | 47      | 33      | 42      | 18.24  | cps   |
| Gadolinium | 160-1 | 242     | 192     | 225     | 219     | 11.60  | cps   |
| Gadolinium | 160-2 | 37      | 60      | 40      | 46      | 27.70  | cps   |
| Holmium    | 165-1 | 7973416 | 8034042 | 8064123 | 8023861 | 0.58   | cps   |
| Holmium    | 165-2 | 2048948 | 1967644 | 2064683 | 2027092 | 2.57   | cps   |
| Indium     | 115-1 | 7185880 | 7189940 | 7244225 | 7206682 | 0.45   | cps   |
| Indium     | 115-2 | 373782  | 355580  | 371062  | 366808  | 2.68   | cps   |
| Iron       | 56-2  | 89179   | 89334   | 88846   | 89120   | 0.28   | cps   |
| Iron       | 57-2  | 2378    | 2228    | 2261    | 2289    | 3.44   | cps   |
| Lead       | 206-1 | 1495    | 1617    | 1517    | 1543    | 4.22   | cps   |
| Lead       | 207-1 | 1350    | 1356    | 1267    | 1324    | 3.76   | cps   |
| Lead       | 208-1 | 6184    | 6395    | 6351    | 6310    | 1.76   | cps   |
| Lithium    | 6-1   | 650541  | 656005  | 654663  | 653736  | 0.44   | cps   |
| Magnesium  | 24-2  | 31861   | 32647   | 31845   | 32118   | 1.43   | cps   |
| Manganese  | 55-2  | 2767    | 2600    | 2670    | 2679    | 3.12   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-01DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-22 13:30:57 | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 1033    | 933     | 992     | 986     | 5.09    | cps   |
| Molybdenum | 95-1  | 742     | 1058    | 858     | 886     | 18.07   | cps   |
| Molybdenum | 96-1  | 833     | 1025    | 1083    | 981     | 13.34   | cps   |
| Molybdenum | 97-1  | 658     | 733     | 800     | 731     | 9.70    | cps   |
| Molybdenum | 98-1  | 1358    | 1275    | 1358    | 1331    | 3.62    | cps   |
| Neodymium  | 150-1 | 333     | 193     | 267     | 264     | 26.48   | cps   |
| Neodymium  | 150-2 | 47      | 23      | 37      | 36      | 32.93   | cps   |
| Nickel     | 60-2  | 243     | 257     | 277     | 259     | 6.48    | cps   |
| Phosphorus | 31-2  | 0       | 8       | 0       | 3       | 173.21  | cps   |
| Potassium  | 39-2  | 11238   | 11163   | 10813   | 11071   | 2.05    | cps   |
| Rhodium    | 103-1 | 6709448 | 6709944 | 6778618 | 6732670 | 0.59    | cps   |
| Rhodium    | 103-2 | 1962767 | 1862031 | 1934180 | 1919660 | 2.70    | cps   |
| Scandium   | 45-1  | 4019209 | 4037616 | 4095200 | 4050675 | 0.98    | cps   |
| Scandium   | 45-2  | 37764   | 35966   | 37935   | 37222   | 2.93    | cps   |
| Selenium   | 77-2  | 3       | 0       | 0       | 1       | 173.21  | cps   |
| Selenium   | 78-2  | 6       | 4       | 4       | 4       | 24.86   | cps   |
| Selenium   | 82-1  | 25      | -219    | -95     | -96     | -126.99 | cps   |
| Silicon    | 28-1  | 1127547 | 1131712 | 1165340 | 1141533 | 1.82    | cps   |
| Silver     | 109-1 | 683     | 617     | 592     | 631     | 7.52    | cps   |
| Silver     | 107-1 | 1550    | 1625    | 1571    | 1582    | 2.45    | cps   |
| Sodium     | 23-2  | 593062  | 595471  | 592494  | 593676  | 0.27    | cps   |
| Strontium  | 86-1  | 27295   | 26886   | 26643   | 26941   | 1.22    | cps   |
| Strontium  | 88-1  | 222494  | 222121  | 220681  | 221765  | 0.43    | cps   |
| Sulfur     | 34-1  | 374385  | 379130  | 377395  | 376970  | 0.64    | cps   |
| Terbium    | 159-1 | 8408650 | 8481014 | 8387786 | 8425817 | 0.58    | cps   |
| Terbium    | 159-2 | 2026836 | 1879092 | 1981266 | 1962398 | 3.86    | cps   |
| Thallium   | 203-1 | 92      | 100     | 83      | 92      | 9.09    | cps   |
| Thallium   | 205-1 | 225     | 225     | 292     | 247     | 15.57   | cps   |
| Tin        | 118-1 | 2334    | 2425    | 2167    | 2309    | 5.67    | cps   |
| Titanium   | 47-1  | 833     | 708     | 858     | 800     | 10.05   | cps   |
| Uranium    | 238-1 | 458     | 450     | 658     | 522     | 22.59   | cps   |
| Vanadium   | 51-2  | 150     | 143     | 213     | 169     | 22.88   | cps   |
| Yttrium    | 89-1  | 7538562 | 7589585 | 7677648 | 7601932 | 0.93    | cps   |
| Yttrium    | 89-2  | 269877  | 257982  | 272716  | 266858  | 2.93    | cps   |
| Zinc       | 66-2  | 1127    | 1157    | 1050    | 1111    | 4.95    | cps   |
| Zirconium  | 90-1  | 1383    | 1125    | 1342    | 1283    | 10.81   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-01DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-22 13:30:57 | DataFile Name :   | 026SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 250  | 350  | 258  | 286     | 19.39  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-03DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2D             | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-22 13:34:24 | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 217     | 225     | 158     | 200     | 18.16  | cps   |
| Antimony   | 121-1 | 458     | 475     | 650     | 528     | 20.12  | cps   |
| Arsenic    | 75-2  | 20      | 28      | 28      | 25      | 16.90  | cps   |
| Barium     | 135-1 | 12348   | 12056   | 11797   | 12067   | 2.28   | cps   |
| Barium     | 137-1 | 20609   | 20984   | 20884   | 20825   | 0.93   | cps   |
| Beryllium  | 9-1   | 56      | 61      | 106     | 74      | 37.00  | cps   |
| Bismuth    | 209-1 | 4791803 | 4821591 | 4862137 | 4825177 | 0.73   | cps   |
| Bismuth    | 209-2 | 1576669 | 1565877 | 1575738 | 1572761 | 0.38   | cps   |
| Boron      | 10-1  | 967     | 1008    | 992     | 989     | 2.12   | cps   |
| Boron      | 11-1  | 4884    | 4818    | 4659    | 4787    | 2.42   | cps   |
| Cadmium    | 111-1 | 1344    | 1228    | 1081    | 1218    | 10.82  | cps   |
| Cadmium    | 106-1 | 1917    | 1684    | 1542    | 1714    | 11.05  | cps   |
| Cadmium    | 108-1 | 8       | 13      | 21      | 14      | 45.83  | cps   |
| Calcium    | 43-1  | 81226   | 80591   | 79467   | 80428   | 1.11   | cps   |
| Calcium    | 44-1  | 1326536 | 1343069 | 1358591 | 1342732 | 1.19   | cps   |
| Chromium   | 52-2  | 1063    | 993     | 1050    | 1036    | 3.59   | cps   |
| Cobalt     | 59-2  | 113     | 90      | 110     | 104     | 12.08  | cps   |
| Copper     | 63-2  | 1627    | 1727    | 1613    | 1656    | 3.74   | cps   |
| Dysprosium | 156-1 | 108     | 192     | 150     | 150     | 27.78  | cps   |
| Dysprosium | 156-2 | 57      | 77      | 67      | 67      | 15.00  | cps   |
| Erbium     | 164-1 | 200     | 150     | 175     | 175     | 14.28  | cps   |
| Erbium     | 164-2 | 37      | 57      | 60      | 51      | 24.69  | cps   |
| Gadolinium | 160-1 | 208     | 217     | 192     | 206     | 6.19   | cps   |
| Gadolinium | 160-2 | 53      | 80      | 70      | 68      | 19.88  | cps   |
| Holmium    | 165-1 | 8001427 | 8008278 | 8237861 | 8082522 | 1.66   | cps   |
| Holmium    | 165-2 | 2092771 | 2095576 | 2081549 | 2089965 | 0.36   | cps   |
| Indium     | 115-1 | 7138117 | 7236632 | 7370802 | 7248517 | 1.61   | cps   |
| Indium     | 115-2 | 378878  | 379105  | 377912  | 378631  | 0.17   | cps   |
| Iron       | 56-2  | 90419   | 90157   | 91879   | 90818   | 1.02   | cps   |
| Iron       | 57-2  | 2222    | 2311    | 2128    | 2221    | 4.13   | cps   |
| Lead       | 206-1 | 1489    | 1767    | 1645    | 1633    | 8.52   | cps   |
| Lead       | 207-1 | 1450    | 1356    | 1539    | 1448    | 6.33   | cps   |
| Lead       | 208-1 | 6612    | 6440    | 6656    | 6569    | 1.74   | cps   |
| Lithium    | 6-1   | 646942  | 655083  | 662078  | 654701  | 1.16   | cps   |
| Magnesium  | 24-2  | 32822   | 33842   | 33374   | 33346   | 1.53   | cps   |
| Manganese  | 55-2  | 2847    | 2907    | 2760    | 2838    | 2.60   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-03DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2D             | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-22 13:34:24 | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 1092    | 958     | 1159    | 1070    | 9.53   | cps   |
| Molybdenum | 95-1  | 825     | 942     | 1108    | 958     | 14.86  | cps   |
| Molybdenum | 96-1  | 1075    | 1117    | 1058    | 1083    | 2.77   | cps   |
| Molybdenum | 97-1  | 808     | 808     | 742     | 786     | 4.90   | cps   |
| Molybdenum | 98-1  | 1333    | 1667    | 1417    | 1472    | 11.78  | cps   |
| Neodymium  | 150-1 | 233     | 240     | 333     | 269     | 20.79  | cps   |
| Neodymium  | 150-2 | 33      | 43      | 50      | 42      | 19.87  | cps   |
| Nickel     | 60-2  | 263     | 257     | 297     | 272     | 7.87   | cps   |
| Phosphorus | 31-2  | 8       | 17      | 0       | 8       | 100.02 | cps   |
| Potassium  | 39-2  | 11388   | 11380   | 11063   | 11277   | 1.64   | cps   |
| Rhodium    | 103-1 | 6680397 | 6745454 | 6830787 | 6752213 | 1.12   | cps   |
| Rhodium    | 103-2 | 1982708 | 1986778 | 1940400 | 1969962 | 1.30   | cps   |
| Scandium   | 45-1  | 4013398 | 4079630 | 4124940 | 4072656 | 1.38   | cps   |
| Scandium   | 45-2  | 38359   | 38553   | 39392   | 38768   | 1.42   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 2       | 4       | 7       | 4       | 65.54  | cps   |
| Selenium   | 82-1  | -168    | -100    | -14     | -94     | -81.79 | cps   |
| Silicon    | 28-1  | 1133118 | 1117604 | 1141470 | 1130731 | 1.07   | cps   |
| Silver     | 109-1 | 292     | 375     | 450     | 372     | 21.28  | cps   |
| Silver     | 107-1 | 854     | 979     | 1058    | 964     | 10.68  | cps   |
| Sodium     | 23-2  | 604789  | 606368  | 610394  | 607183  | 0.48   | cps   |
| Strontium  | 86-1  | 26602   | 26510   | 26961   | 26691   | 0.89   | cps   |
| Strontium  | 88-1  | 222310  | 224899  | 227855  | 225021  | 1.23   | cps   |
| Sulfur     | 34-1  | 383124  | 382367  | 386732  | 384074  | 0.61   | cps   |
| Terbium    | 159-1 | 8375988 | 8389299 | 8493835 | 8419708 | 0.77   | cps   |
| Terbium    | 159-2 | 2023958 | 2040434 | 1997442 | 2020611 | 1.07   | cps   |
| Thallium   | 203-1 | 108     | 108     | 83      | 100     | 14.43  | cps   |
| Thallium   | 205-1 | 242     | 275     | 267     | 261     | 6.64   | cps   |
| Tin        | 118-1 | 2325    | 2342    | 2200    | 2289    | 3.38   | cps   |
| Titanium   | 47-1  | 625     | 842     | 800     | 756     | 15.22  | cps   |
| Uranium    | 238-1 | 475     | 525     | 658     | 553     | 17.14  | cps   |
| Vanadium   | 51-2  | 163     | 170     | 133     | 156     | 12.55  | cps   |
| Yttrium    | 89-1  | 7584927 | 7704661 | 7811902 | 7700496 | 1.47   | cps   |
| Yttrium    | 89-2  | 277086  | 277167  | 278583  | 277612  | 0.30   | cps   |
| Zinc       | 66-2  | 1137    | 1140    | 1057    | 1111    | 4.25   | cps   |
| Zirconium  | 90-1  | 1075    | 1117    | 1225    | 1139    | 6.80   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-03DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2D             | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-22 13:34:24 | DataFile Name :   | 027SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 200  | 225  | 417  | 281     | 42.25  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-01LDLX100     | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2L             | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-08-22 13:37:33 | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 67      | 83      | 58      | 69      | 18.33  | cps   |
| Antimony   | 121-1 | 217     | 242     | 317     | 258     | 20.15  | cps   |
| Arsenic    | 75-2  | 9       | 2       | 6       | 6       | 66.68  | cps   |
| Barium     | 135-1 | 2642    | 2425    | 2209    | 2425    | 8.94   | cps   |
| Barium     | 137-1 | 4434    | 4509    | 4551    | 4498    | 1.31   | cps   |
| Beryllium  | 9-1   | 83      | 78      | 94      | 85      | 9.96   | cps   |
| Bismuth    | 209-1 | 4777796 | 4844809 | 4785317 | 4802641 | 0.76   | cps   |
| Bismuth    | 209-2 | 1549146 | 1532616 | 1547192 | 1542985 | 0.59   | cps   |
| Boron      | 10-1  | 658     | 633     | 675     | 656     | 3.20   | cps   |
| Boron      | 11-1  | 3059    | 2917    | 3267    | 3081    | 5.72   | cps   |
| Cadmium    | 111-1 | 1160    | 1309    | 1187    | 1219    | 6.53   | cps   |
| Cadmium    | 106-1 | 1642    | 1825    | 1659    | 1709    | 5.93   | cps   |
| Cadmium    | 108-1 | 21      | 8       | 4       | 11      | 78.05  | cps   |
| Calcium    | 43-1  | 17194   | 17578   | 17228   | 17334   | 1.23   | cps   |
| Calcium    | 44-1  | 297630  | 291662  | 292770  | 294021  | 1.08   | cps   |
| Chromium   | 52-2  | 890     | 907     | 833     | 877     | 4.39   | cps   |
| Cobalt     | 59-2  | 53      | 53      | 53      | 53      | 0.00   | cps   |
| Copper     | 63-2  | 707     | 717     | 730     | 718     | 1.63   | cps   |
| Dysprosium | 156-1 | 50      | 50      | 42      | 47      | 10.18  | cps   |
| Dysprosium | 156-2 | 7       | 10      | 10      | 9       | 21.63  | cps   |
| Erbium     | 164-1 | 25      | 58      | 67      | 50      | 44.10  | cps   |
| Erbium     | 164-2 | 23      | 17      | 33      | 24      | 34.31  | cps   |
| Gadolinium | 160-1 | 117     | 142     | 100     | 119     | 17.56  | cps   |
| Gadolinium | 160-2 | 27      | 17      | 7       | 17      | 59.99  | cps   |
| Holmium    | 165-1 | 8028248 | 8115288 | 8069895 | 8071144 | 0.54   | cps   |
| Holmium    | 165-2 | 2040403 | 2034870 | 2048743 | 2041339 | 0.34   | cps   |
| Indium     | 115-1 | 7110883 | 7230866 | 7262025 | 7201258 | 1.11   | cps   |
| Indium     | 115-2 | 369335  | 367473  | 370737  | 369182  | 0.44   | cps   |
| Iron       | 56-2  | 19609   | 19865   | 20543   | 20006   | 2.41   | cps   |
| Iron       | 57-2  | 472     | 550     | 500     | 507     | 7.77   | cps   |
| Lead       | 206-1 | 767     | 739     | 739     | 748     | 2.14   | cps   |
| Lead       | 207-1 | 561     | 700     | 689     | 650     | 11.87  | cps   |
| Lead       | 208-1 | 2928    | 2945    | 2956    | 2943    | 0.48   | cps   |
| Lithium    | 6-1   | 644802  | 654124  | 653822  | 650916  | 0.81   | cps   |
| Magnesium  | 24-2  | 6360    | 6985    | 6569    | 6638    | 4.80   | cps   |
| Manganese  | 55-2  | 653     | 610     | 527     | 597     | 10.79  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-01LDLX100     | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2L             | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-08-22 13:37:33 | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 367     | 383     | 383     | 378     | 2.55   | cps   |
| Molybdenum | 95-1  | 250     | 175     | 217     | 214     | 17.57  | cps   |
| Molybdenum | 96-1  | 408     | 433     | 442     | 428     | 4.06   | cps   |
| Molybdenum | 97-1  | 358     | 417     | 333     | 369     | 11.58  | cps   |
| Molybdenum | 98-1  | 392     | 275     | 308     | 325     | 18.49  | cps   |
| Neodymium  | 150-1 | 27      | 67      | 40      | 44      | 45.82  | cps   |
| Neodymium  | 150-2 | 10      | 7       | 13      | 10      | 33.30  | cps   |
| Nickel     | 60-2  | 217     | 177     | 193     | 196     | 10.27  | cps   |
| Phosphorus | 31-2  | 0       | 0       | 17      | 6       | 173.21 | cps   |
| Potassium  | 39-2  | 5151    | 5068    | 5043    | 5087    | 1.12   | cps   |
| Rhodium    | 103-1 | 6710564 | 6771125 | 6768056 | 6749915 | 0.51   | cps   |
| Rhodium    | 103-2 | 1958911 | 1918661 | 1935285 | 1937619 | 1.04   | cps   |
| Scandium   | 45-1  | 4034346 | 4044930 | 4061749 | 4047008 | 0.34   | cps   |
| Scandium   | 45-2  | 37203   | 37864   | 37256   | 37441   | 0.98   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 2       | 0       | 7       | 3       | 124.95 | cps   |
| Selenium   | 82-1  | -105    | -35     | -138    | -93     | -56.56 | cps   |
| Silicon    | 28-1  | 586957  | 584682  | 581717  | 584452  | 0.45   | cps   |
| Silver     | 109-1 | 250     | 308     | 317     | 292     | 12.45  | cps   |
| Silver     | 107-1 | 700     | 746     | 750     | 732     | 3.79   | cps   |
| Sodium     | 23-2  | 119995  | 118995  | 118305  | 119099  | 0.71   | cps   |
| Strontium  | 86-1  | 5818    | 5852    | 5843    | 5838    | 0.30   | cps   |
| Strontium  | 88-1  | 45176   | 45109   | 43796   | 44694   | 1.74   | cps   |
| Sulfur     | 34-1  | 375213  | 374764  | 376008  | 375328  | 0.17   | cps   |
| Terbium    | 159-1 | 8317870 | 8443880 | 8391214 | 8384321 | 0.75   | cps   |
| Terbium    | 159-2 | 1966425 | 1956974 | 1981325 | 1968241 | 0.62   | cps   |
| Thallium   | 203-1 | 108     | 133     | 133     | 125     | 11.55  | cps   |
| Thallium   | 205-1 | 200     | 325     | 200     | 242     | 29.86  | cps   |
| Tin        | 118-1 | 2617    | 2475    | 2759    | 2617    | 5.42   | cps   |
| Titanium   | 47-1  | 383     | 258     | 300     | 314     | 20.28  | cps   |
| Uranium    | 238-1 | 167     | 158     | 117     | 147     | 18.20  | cps   |
| Vanadium   | 51-2  | 37      | 60      | 27      | 41      | 41.60  | cps   |
| Yttrium    | 89-1  | 7604075 | 7700344 | 7731848 | 7678756 | 0.87   | cps   |
| Yttrium    | 89-2  | 269848  | 270690  | 273670  | 271403  | 0.74   | cps   |
| Zinc       | 66-2  | 347     | 273     | 273     | 298     | 14.22  | cps   |
| Zirconium  | 90-1  | 700     | 642     | 742     | 694     | 7.23   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-01LDLX100     | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2L             | Dilution Factor : | 100       |
| Date & Time Acquired :: | 2017-08-22 13:37:33 | DataFile Name :   | 028SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 108  | 108  | 133  | 117     | 12.37  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-04DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2S             | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-22 13:40:43 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 983     | 925     | 1092    | 1000    | 8.46   | cps   |
| Antimony   | 121-1 | 55132   | 56470   | 54646   | 55416   | 1.70   | cps   |
| Arsenic    | 75-2  | 280     | 311     | 291     | 294     | 5.43   | cps   |
| Barium     | 135-1 | 238013  | 238087  | 233256  | 236452  | 1.17   | cps   |
| Barium     | 137-1 | 409900  | 406238  | 406793  | 407644  | 0.48   | cps   |
| Beryllium  | 9-1   | 3284    | 2950    | 3128    | 3121    | 5.35   | cps   |
| Bismuth    | 209-1 | 4933482 | 4943217 | 4874454 | 4917051 | 0.76   | cps   |
| Bismuth    | 209-2 | 1517213 | 1606912 | 1582748 | 1568958 | 2.96   | cps   |
| Boron      | 10-1  | 792     | 950     | 842     | 861     | 9.40   | cps   |
| Boron      | 11-1  | 4184    | 4359    | 4201    | 4248    | 2.27   | cps   |
| Cadmium    | 111-1 | 7518    | 7394    | 7753    | 7555    | 2.41   | cps   |
| Cadmium    | 106-1 | 2184    | 2242    | 2325    | 2250    | 3.16   | cps   |
| Cadmium    | 108-1 | 458     | 383     | 371     | 404     | 11.71  | cps   |
| Calcium    | 43-1  | 77271   | 76215   | 79500   | 77662   | 2.16   | cps   |
| Calcium    | 44-1  | 1311107 | 1312188 | 1329647 | 1317647 | 0.79   | cps   |
| Chromium   | 52-2  | 12572   | 12693   | 12322   | 12529   | 1.51   | cps   |
| Cobalt     | 59-2  | 61699   | 61669   | 61455   | 61608   | 0.22   | cps   |
| Copper     | 63-2  | 28366   | 28319   | 28129   | 28271   | 0.44   | cps   |
| Dysprosium | 156-1 | 108     | 150     | 200     | 153     | 30.04  | cps   |
| Dysprosium | 156-2 | 40      | 13      | 43      | 32      | 51.04  | cps   |
| Erbium     | 164-1 | 133     | 158     | 175     | 156     | 13.48  | cps   |
| Erbium     | 164-2 | 37      | 30      | 37      | 34      | 11.18  | cps   |
| Gadolinium | 160-1 | 242     | 267     | 217     | 242     | 10.34  | cps   |
| Gadolinium | 160-2 | 67      | 70      | 57      | 64      | 10.76  | cps   |
| Holmium    | 165-1 | 8193736 | 8255331 | 8162905 | 8203991 | 0.57   | cps   |
| Holmium    | 165-2 | 2009803 | 2116992 | 2114566 | 2080454 | 2.94   | cps   |
| Indium     | 115-1 | 7391689 | 7329807 | 7361453 | 7360983 | 0.42   | cps   |
| Indium     | 115-2 | 365108  | 386051  | 380383  | 377180  | 2.87   | cps   |
| Iron       | 56-2  | 125329  | 127005  | 127813  | 126716  | 1.00   | cps   |
| Iron       | 57-2  | 3089    | 3023    | 3162    | 3091    | 2.25   | cps   |
| Lead       | 206-1 | 7480    | 7619    | 7336    | 7478    | 1.90   | cps   |
| Lead       | 207-1 | 6758    | 6557    | 6669    | 6661    | 1.51   | cps   |
| Lead       | 208-1 | 30065   | 30438   | 30076   | 30193   | 0.70   | cps   |
| Lithium    | 6-1   | 665973  | 666007  | 668545  | 666841  | 0.22   | cps   |
| Magnesium  | 24-2  | 32213   | 33156   | 33165   | 32845   | 1.67   | cps   |
| Manganese  | 55-2  | 11275   | 11165   | 10948   | 11129   | 1.49   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-04DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2S             | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-22 13:40:43 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 1192    | 917     | 792     | 967     | 21.17  | cps   |
| Molybdenum | 95-1  | 800     | 758     | 917     | 825     | 9.95   | cps   |
| Molybdenum | 96-1  | 1150    | 1192    | 1142    | 1161    | 2.31   | cps   |
| Molybdenum | 97-1  | 608     | 750     | 817     | 725     | 14.68  | cps   |
| Molybdenum | 98-1  | 1467    | 1408    | 1408    | 1428    | 2.36   | cps   |
| Neodymium  | 150-1 | 187     | 260     | 233     | 227     | 16.38  | cps   |
| Neodymium  | 150-2 | 43      | 50      | 43      | 46      | 8.45   | cps   |
| Nickel     | 60-2  | 18342   | 18092   | 18132   | 18189   | 0.74   | cps   |
| Phosphorus | 31-2  | 0       | 17      | 8       | 8       | 100.02 | cps   |
| Potassium  | 39-2  | 10638   | 10663   | 10846   | 10716   | 1.06   | cps   |
| Rhodium    | 103-1 | 7005744 | 6995585 | 6953502 | 6984943 | 0.40   | cps   |
| Rhodium    | 103-2 | 1885549 | 2017581 | 1987130 | 1963420 | 3.52   | cps   |
| Scandium   | 45-1  | 4176025 | 4169586 | 4167149 | 4170920 | 0.11   | cps   |
| Scandium   | 45-2  | 36504   | 38920   | 39121   | 38182   | 3.81   | cps   |
| Selenium   | 77-2  | 10      | 3       | 3       | 6       | 69.34  | cps   |
| Selenium   | 78-2  | 28      | 20      | 39      | 29      | 32.13  | cps   |
| Selenium   | 82-1  | 495     | 709     | 804     | 669     | 23.67  | cps   |
| Silicon    | 28-1  | 1095297 | 1114303 | 1101105 | 1103568 | 0.88   | cps   |
| Silver     | 109-1 | 26561   | 26803   | 25400   | 26255   | 2.86   | cps   |
| Silver     | 107-1 | 67128   | 67992   | 66005   | 67042   | 1.49   | cps   |
| Sodium     | 23-2  | 592294  | 592444  | 590096  | 591611  | 0.22   | cps   |
| Strontium  | 86-1  | 25925   | 26326   | 26485   | 26246   | 1.10   | cps   |
| Strontium  | 88-1  | 220294  | 220208  | 219032  | 219845  | 0.32   | cps   |
| Sulfur     | 34-1  | 394137  | 389430  | 394796  | 392788  | 0.75   | cps   |
| Terbium    | 159-1 | 8654160 | 8577856 | 8522067 | 8584694 | 0.77   | cps   |
| Terbium    | 159-2 | 1957542 | 2078145 | 2014740 | 2016809 | 2.99   | cps   |
| Thallium   | 203-1 | 18114   | 18673   | 18005   | 18264   | 1.96   | cps   |
| Thallium   | 205-1 | 43977   | 43459   | 43609   | 43682   | 0.61   | cps   |
| Tin        | 118-1 | 2384    | 1967    | 2450    | 2267    | 11.56  | cps   |
| Titanium   | 47-1  | 667     | 575     | 825     | 689     | 18.36  | cps   |
| Uranium    | 238-1 | 558     | 575     | 567     | 567     | 1.47   | cps   |
| Vanadium   | 51-2  | 21547   | 21610   | 21226   | 21461   | 0.96   | cps   |
| Yttrium    | 89-1  | 7813987 | 7847051 | 7917350 | 7859463 | 0.67   | cps   |
| Yttrium    | 89-2  | 270700  | 280393  | 277597  | 276230  | 1.81   | cps   |
| Zinc       | 66-2  | 5641    | 5775    | 5928    | 5781    | 2.48   | cps   |
| Zirconium  | 90-1  | 1383    | 1133    | 1125    | 1214    | 12.09  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-04DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE2S             | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-22 13:40:43 | DataFile Name :   | 029SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 308  | 225  | 217  | 250     | 20.28  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-02DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE3              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-22 13:43:52 | DataFile Name :   | 030SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 33      | 8       | 42      | 28      | 62.46  | cps   |
| Antimony   | 121-1 | 208     | 150     | 175     | 178     | 16.46  | cps   |
| Arsenic    | 75-2  | 4       | 2       | 2       | 2       | 43.30  | cps   |
| Barium     | 135-1 | 83      | 42      | 75      | 67      | 33.07  | cps   |
| Barium     | 137-1 | 142     | 133     | 133     | 136     | 3.53   | cps   |
| Beryllium  | 9-1   | 56      | 67      | 111     | 78      | 37.79  | cps   |
| Bismuth    | 209-1 | 4930043 | 4999103 | 4881357 | 4936834 | 1.20   | cps   |
| Bismuth    | 209-2 | 1581142 | 1469308 | 1570432 | 1540294 | 4.01   | cps   |
| Boron      | 10-1  | 442     | 508     | 458     | 469     | 7.39   | cps   |
| Boron      | 11-1  | 2125    | 2317    | 2175    | 2206    | 4.51   | cps   |
| Cadmium    | 111-1 | 1092    | 1436    | 1240    | 1256    | 13.75  | cps   |
| Cadmium    | 106-1 | 1542    | 2042    | 1759    | 1781    | 14.08  | cps   |
| Cadmium    | 108-1 | 0       | 8       | 17      | 8       | 100.02 | cps   |
| Calcium    | 43-1  | 2675    | 2592    | 2517    | 2595    | 3.05   | cps   |
| Calcium    | 44-1  | 47766   | 48527   | 48518   | 48270   | 0.90   | cps   |
| Chromium   | 52-2  | 940     | 913     | 820     | 891     | 7.07   | cps   |
| Cobalt     | 59-2  | 40      | 43      | 33      | 39      | 13.09  | cps   |
| Copper     | 63-2  | 583     | 530     | 573     | 562     | 5.04   | cps   |
| Dysprosium | 156-1 | 0       | 8       | 8       | 6       | 86.60  | cps   |
| Dysprosium | 156-2 | 10      | 3       | 0       | 4       | 114.60 | cps   |
| Erbium     | 164-1 | 8       | 33      | 58      | 33      | 75.02  | cps   |
| Erbium     | 164-2 | 7       | 0       | 10      | 6       | 91.64  | cps   |
| Gadolinium | 160-1 | 67      | 92      | 133     | 97      | 34.64  | cps   |
| Gadolinium | 160-2 | 10      | 0       | 10      | 7       | 86.60  | cps   |
| Holmium    | 165-1 | 8176189 | 8097455 | 8143960 | 8139201 | 0.49   | cps   |
| Holmium    | 165-2 | 2106764 | 1933099 | 2075753 | 2038539 | 4.54   | cps   |
| Indium     | 115-1 | 7292526 | 7342404 | 7374209 | 7336380 | 0.56   | cps   |
| Indium     | 115-2 | 378198  | 354474  | 380329  | 371000  | 3.87   | cps   |
| Iron       | 56-2  | 3073    | 2823    | 2873    | 2923    | 4.53   | cps   |
| Iron       | 57-2  | 89      | 106     | 100     | 98      | 8.65   | cps   |
| Lead       | 206-1 | 567     | 439     | 428     | 478     | 16.15  | cps   |
| Lead       | 207-1 | 428     | 472     | 467     | 456     | 5.32   | cps   |
| Lead       | 208-1 | 2100    | 2183    | 1989    | 2091    | 4.67   | cps   |
| Lithium    | 6-1   | 660733  | 663617  | 659125  | 661158  | 0.34   | cps   |
| Magnesium  | 24-2  | 267     | 242     | 292     | 267     | 9.37   | cps   |
| Manganese  | 55-2  | 70      | 80      | 60      | 70      | 14.29  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-02DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE3              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-22 13:43:52 | DataFile Name :   | 030SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 208     | 192     | 350     | 250     | 34.80  | cps   |
| Molybdenum | 95-1  | 33      | 42      | 50      | 42      | 20.00  | cps   |
| Molybdenum | 96-1  | 133     | 142     | 250     | 175     | 37.19  | cps   |
| Molybdenum | 97-1  | 267     | 283     | 208     | 253     | 15.58  | cps   |
| Molybdenum | 98-1  | 50      | 58      | 67      | 58      | 14.29  | cps   |
| Neodymium  | 150-1 | 47      | 7       | 20      | 24      | 83.31  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 180     | 190     | 167     | 179     | 6.54   | cps   |
| Phosphorus | 31-2  | 8       | 8       | 0       | 6       | 86.60  | cps   |
| Potassium  | 39-2  | 3409    | 3276    | 3409    | 3364    | 2.29   | cps   |
| Rhodium    | 103-1 | 6869129 | 6912111 | 6884786 | 6888675 | 0.32   | cps   |
| Rhodium    | 103-2 | 2001739 | 1864399 | 1959368 | 1941835 | 3.62   | cps   |
| Scandium   | 45-1  | 4116037 | 4156369 | 4111399 | 4127935 | 0.60   | cps   |
| Scandium   | 45-2  | 39255   | 36267   | 39181   | 38234   | 4.46   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 2       | 6       | 4       | 4       | 50.09  | cps   |
| Selenium   | 82-1  | -74     | -72     | -67     | -71     | -5.37  | cps   |
| Silicon    | 28-1  | 403922  | 401943  | 408897  | 404920  | 0.88   | cps   |
| Silver     | 109-1 | 217     | 208     | 192     | 206     | 6.19   | cps   |
| Silver     | 107-1 | 492     | 588     | 596     | 558     | 10.37  | cps   |
| Sodium     | 23-2  | 5476    | 5718    | 5460    | 5551    | 2.61   | cps   |
| Strontium  | 86-1  | 975     | 1117    | 1158    | 1083    | 8.87   | cps   |
| Strontium  | 88-1  | 442     | 517     | 650     | 536     | 19.68  | cps   |
| Sulfur     | 34-1  | 378109  | 379376  | 381878  | 379788  | 0.51   | cps   |
| Terbium    | 159-1 | 8617711 | 8517681 | 8543018 | 8559470 | 0.61   | cps   |
| Terbium    | 159-2 | 2048181 | 1909192 | 2028256 | 1995210 | 3.77   | cps   |
| Thallium   | 203-1 | 150     | 192     | 183     | 175     | 12.60  | cps   |
| Thallium   | 205-1 | 217     | 283     | 267     | 256     | 13.58  | cps   |
| Tin        | 118-1 | 2492    | 2567    | 2509    | 2523    | 1.56   | cps   |
| Titanium   | 47-1  | 217     | 258     | 100     | 192     | 42.82  | cps   |
| Uranium    | 238-1 | 50      | 33      | 50      | 44      | 21.66  | cps   |
| Vanadium   | 51-2  | 17      | 13      | 10      | 13      | 25.01  | cps   |
| Yttrium    | 89-1  | 7826041 | 7805529 | 7811122 | 7814231 | 0.14   | cps   |
| Yttrium    | 89-2  | 277189  | 257293  | 277131  | 270538  | 4.24   | cps   |
| Zinc       | 66-2  | 93      | 137     | 167     | 132     | 27.88  | cps   |
| Zirconium  | 90-1  | 483     | 525     | 533     | 514     | 5.21   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | I4722-02DLX20       | Instrumnet Name : | P8        |
| Client Sample ID :      | ME7GE3              | Dilution Factor : | 20        |
| Date & Time Acquired :: | 2017-08-22 13:43:52 | DataFile Name :   | 030SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 67   | 200  | 133  | 133     | 50.00  | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89660             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV041              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV041              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-22 13:47:01 | DataFile Name :   | 031CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 374244   | 372715   | 367254   | 371405   | 0.99   | cps   |
| Antimony   | 121-1 | 5264876  | 5208623  | 5235070  | 5236189  | 0.54   | cps   |
| Arsenic    | 75-2  | 64369    | 64248    | 64289    | 64302    | 0.10   | cps   |
| Barium     | 135-1 | 5391121  | 5349054  | 5340449  | 5360208  | 0.51   | cps   |
| Barium     | 137-1 | 9247418  | 9140295  | 9195282  | 9194331  | 0.58   | cps   |
| Beryllium  | 9-1   | 553027   | 551953   | 546686   | 550555   | 0.62   | cps   |
| Bismuth    | 209-1 | 4635546  | 4686565  | 4682399  | 4668170  | 0.61   | cps   |
| Bismuth    | 209-2 | 1473757  | 1467010  | 1476173  | 1472313  | 0.32   | cps   |
| Boron      | 10-1  | 64789    | 65550    | 66396    | 65578    | 1.23   | cps   |
| Boron      | 11-1  | 304691   | 308055   | 306597   | 306448   | 0.55   | cps   |
| Cadmium    | 111-1 | 1112963  | 1107682  | 1103340  | 1107995  | 0.43   | cps   |
| Cadmium    | 106-1 | 118904   | 114198   | 117728   | 116943   | 2.09   | cps   |
| Cadmium    | 108-1 | 78510    | 77659    | 78188    | 78119    | 0.55   | cps   |
| Calcium    | 43-1  | 5170051  | 5185858  | 5227636  | 5194515  | 0.57   | cps   |
| Calcium    | 44-1  | 84883504 | 84430377 | 84203062 | 84505648 | 0.41   | cps   |
| Chromium   | 52-2  | 516239   | 514947   | 515053   | 515413   | 0.14   | cps   |
| Cobalt     | 59-2  | 1057926  | 1067360  | 1063399  | 1062895  | 0.45   | cps   |
| Copper     | 63-2  | 1833280  | 1829797  | 1820930  | 1828002  | 0.35   | cps   |
| Dysprosium | 156-1 | 108      | 92       | 133      | 111      | 18.88  | cps   |
| Dysprosium | 156-2 | 13       | 10       | 17       | 13       | 25.01  | cps   |
| Erbium     | 164-1 | 42       | 33       | 83       | 53       | 50.76  | cps   |
| Erbium     | 164-2 | 17       | 10       | 7        | 11       | 45.82  | cps   |
| Gadolinium | 160-1 | 125      | 125      | 133      | 128      | 3.76   | cps   |
| Gadolinium | 160-2 | 27       | 40       | 50       | 39       | 30.10  | cps   |
| Holmium    | 165-1 | 8116433  | 8211591  | 8201611  | 8176545  | 0.64   | cps   |
| Holmium    | 165-2 | 2054495  | 2030896  | 2050599  | 2045330  | 0.62   | cps   |
| Indium     | 115-1 | 6779042  | 6890599  | 6860306  | 6843315  | 0.84   | cps   |
| Indium     | 115-2 | 347379   | 342414   | 344739   | 344844   | 0.72   | cps   |
| Iron       | 56-2  | 85207188 | 84487699 | 84998519 | 84897802 | 0.44   | cps   |
| Iron       | 57-2  | 2158221  | 2174811  | 2188989  | 2174007  | 0.71   | cps   |
| Lead       | 206-1 | 2855874  | 2868976  | 2792082  | 2838977  | 1.45   | cps   |
| Lead       | 207-1 | 2622714  | 2632255  | 2598453  | 2617807  | 0.67   | cps   |
| Lead       | 208-1 | 11560131 | 11571351 | 11449964 | 11527149 | 0.58   | cps   |
| Lithium    | 6-1   | 609263   | 619199   | 620220   | 616228   | 0.98   | cps   |
| Magnesium  | 24-2  | 8779942  | 8743742  | 8772039  | 8765241  | 0.22   | cps   |
| Manganese  | 55-2  | 293333   | 295959   | 293168   | 294153   | 0.53   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89660             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV041              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV041              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-22 13:47:01 | DataFile Name :   | 031CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 4225108  | 4188799  | 4176931  | 4196946  | 0.60   | cps   |
| Molybdenum | 95-1  | 2286807  | 2262423  | 2246134  | 2265121  | 0.90   | cps   |
| Molybdenum | 96-1  | 2934516  | 2854897  | 2898366  | 2895926  | 1.38   | cps   |
| Molybdenum | 97-1  | 1377269  | 1369779  | 1394631  | 1380559  | 0.92   | cps   |
| Molybdenum | 98-1  | 3628918  | 3607787  | 3615228  | 3617311  | 0.30   | cps   |
| Neodymium  | 150-1 | 280      | 220      | 227      | 242      | 13.58  | cps   |
| Neodymium  | 150-2 | 17       | 27       | 23       | 22       | 22.91  | cps   |
| Nickel     | 60-2  | 305768   | 307318   | 308127   | 307071   | 0.39   | cps   |
| Phosphorus | 31-2  | 5585     | 5743     | 5543     | 5624     | 1.88   | cps   |
| Potassium  | 39-2  | 2754850  | 2778760  | 2765909  | 2766506  | 0.43   | cps   |
| Rhodium    | 103-1 | 6222373  | 6191761  | 6239642  | 6217925  | 0.39   | cps   |
| Rhodium    | 103-2 | 1796576  | 1776448  | 1797232  | 1790085  | 0.66   | cps   |
| Scandium   | 45-1  | 3820760  | 3878803  | 3886763  | 3862109  | 0.93   | cps   |
| Scandium   | 45-2  | 36538    | 35866    | 37233    | 36545    | 1.87   | cps   |
| Selenium   | 77-2  | 467      | 450      | 567      | 494      | 12.76  | cps   |
| Selenium   | 78-2  | 1687     | 1515     | 1633     | 1612     | 5.47   | cps   |
| Selenium   | 82-1  | 68479    | 68107    | 68258    | 68281    | 0.27   | cps   |
| Silicon    | 28-1  | 2242762  | 2248742  | 2243140  | 2244882  | 0.15   | cps   |
| Silver     | 109-1 | 5146545  | 5145619  | 5119494  | 5137219  | 0.30   | cps   |
| Silver     | 107-1 | 13112025 | 13034460 | 13028579 | 13058355 | 0.36   | cps   |
| Sodium     | 23-2  | 21254456 | 21114533 | 21133282 | 21167424 | 0.36   | cps   |
| Strontium  | 86-1  | 1496808  | 1474699  | 1473614  | 1481707  | 0.88   | cps   |
| Strontium  | 88-1  | 12656719 | 12614626 | 12572097 | 12614481 | 0.34   | cps   |
| Sulfur     | 34-1  | 691448   | 688564   | 684761   | 688257   | 0.49   | cps   |
| Terbium    | 159-1 | 8420818  | 8552781  | 8522894  | 8498831  | 0.81   | cps   |
| Terbium    | 159-2 | 1965246  | 1980365  | 1978868  | 1974826  | 0.42   | cps   |
| Thallium   | 203-1 | 3528841  | 3547364  | 3545467  | 3540558  | 0.29   | cps   |
| Thallium   | 205-1 | 8296631  | 8239090  | 8219332  | 8251684  | 0.49   | cps   |
| Tin        | 118-1 | 3627848  | 3659301  | 3612058  | 3633069  | 0.66   | cps   |
| Titanium   | 47-1  | 556686   | 549130   | 551835   | 552550   | 0.69   | cps   |
| Uranium    | 238-1 | 10745413 | 10901669 | 10813146 | 10820076 | 0.72   | cps   |
| Vanadium   | 51-2  | 385633   | 387478   | 384242   | 385784   | 0.42   | cps   |
| Yttrium    | 89-1  | 7333473  | 7493736  | 7454084  | 7427098  | 1.12   | cps   |
| Yttrium    | 89-2  | 261537   | 261653   | 262481   | 261890   | 0.20   | cps   |
| Zinc       | 66-2  | 167311   | 168365   | 168334   | 168003   | 0.36   | cps   |
| Zirconium  | 90-1  | 7914925  | 7908357  | 7849136  | 7890806  | 0.46   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB89660             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV041              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV041              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2017-08-22 13:47:01 | DataFile Name :   | 031CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1813033 | 1782673 | 1795879 | 1797195 | 0.85   | cps   |

LB Number : LB89660 Operator : Jaswal  
 Lab Sample ID : CCB041 Instrumnet Name : P8  
 Client Sample ID : CCB041 Dilution Factor : 1  
 Date & Time Acquired :: 2017-08-22 13:50:01 DataFile Name : 032CCBE.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 33      | 33      | 42      | 36      | 13.33  | cps   |
| Antimony   | 121-1 | 2892    | 2767    | 2734    | 2798    | 2.98   | cps   |
| Arsenic    | 75-2  | 4       | 7       | 2       | 4       | 65.54  | cps   |
| Barium     | 135-1 | 33      | 33      | 75      | 47      | 50.95  | cps   |
| Barium     | 137-1 | 92      | 142     | 75      | 103     | 33.76  | cps   |
| Beryllium  | 9-1   | 139     | 139     | 167     | 148     | 10.83  | cps   |
| Bismuth    | 209-1 | 4968994 | 4994974 | 4906146 | 4956705 | 0.92   | cps   |
| Bismuth    | 209-2 | 1409441 | 1555669 | 1552530 | 1505880 | 5.55   | cps   |
| Boron      | 10-1  | 1742    | 1925    | 1684    | 1784    | 7.07   | cps   |
| Boron      | 11-1  | 9253    | 8278    | 8353    | 8628    | 6.29   | cps   |
| Cadmium    | 111-1 | 1278    | 1314    | 1301    | 1298    | 1.40   | cps   |
| Cadmium    | 106-1 | 1775    | 1817    | 1825    | 1806    | 1.48   | cps   |
| Cadmium    | 108-1 | 21      | 29      | 21      | 24      | 20.39  | cps   |
| Calcium    | 43-1  | 2325    | 2334    | 2442    | 2367    | 2.75   | cps   |
| Calcium    | 44-1  | 48042   | 47138   | 47916   | 47699   | 1.03   | cps   |
| Chromium   | 52-2  | 853     | 803     | 853     | 837     | 3.45   | cps   |
| Cobalt     | 59-2  | 20      | 43      | 43      | 36      | 37.89  | cps   |
| Copper     | 63-2  | 370     | 323     | 367     | 353     | 7.37   | cps   |
| Dysprosium | 156-1 | 0       | 25      | 17      | 14      | 91.65  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 42      | 83      | 42      | 56      | 43.30  | cps   |
| Erbium     | 164-2 | 13      | 0       | 0       | 4       | 173.21 | cps   |
| Gadolinium | 160-1 | 92      | 83      | 58      | 78      | 22.30  | cps   |
| Gadolinium | 160-2 | 13      | 0       | 7       | 7       | 99.98  | cps   |
| Holmium    | 165-1 | 8187821 | 8326752 | 8155679 | 8223417 | 1.11   | cps   |
| Holmium    | 165-2 | 1859311 | 2037994 | 2048037 | 1981781 | 5.36   | cps   |
| Indium     | 115-1 | 7185248 | 7242469 | 7192693 | 7206803 | 0.43   | cps   |
| Indium     | 115-2 | 335494  | 365084  | 366292  | 355623  | 4.90   | cps   |
| Iron       | 56-2  | 3428    | 3250    | 3078    | 3252    | 5.38   | cps   |
| Iron       | 57-2  | 122     | 72      | 100     | 98      | 25.53  | cps   |
| Lead       | 206-1 | 589     | 700     | 578     | 622     | 10.86  | cps   |
| Lead       | 207-1 | 533     | 622     | 606     | 587     | 8.05   | cps   |
| Lead       | 208-1 | 2461    | 2861    | 2461    | 2595    | 8.90   | cps   |
| Lithium    | 6-1   | 651150  | 658853  | 647921  | 652641  | 0.86   | cps   |
| Magnesium  | 24-2  | 167     | 175     | 275     | 206     | 29.33  | cps   |
| Manganese  | 55-2  | 70      | 40      | 53      | 54      | 27.61  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB041              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB041              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 13:50:01 | DataFile Name :   | 032CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 842     | 575     | 708     | 708     | 18.82  | cps   |
| Molybdenum | 95-1  | 292     | 192     | 250     | 244     | 20.55  | cps   |
| Molybdenum | 96-1  | 492     | 408     | 408     | 436     | 11.03  | cps   |
| Molybdenum | 97-1  | 333     | 383     | 342     | 353     | 7.59   | cps   |
| Molybdenum | 98-1  | 325     | 308     | 308     | 314     | 3.07   | cps   |
| Neodymium  | 150-1 | 20      | 20      | 27      | 22      | 17.33  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 183     | 140     | 153     | 159     | 13.97  | cps   |
| Phosphorus | 31-2  | 8       | 8       | 0       | 6       | 86.60  | cps   |
| Potassium  | 39-2  | 3826    | 3801    | 3842    | 3823    | 0.55   | cps   |
| Rhodium    | 103-1 | 6823377 | 6858381 | 6736039 | 6805932 | 0.93   | cps   |
| Rhodium    | 103-2 | 1752424 | 1933287 | 1897837 | 1861182 | 5.15   | cps   |
| Scandium   | 45-1  | 3985265 | 4047606 | 3981646 | 4004839 | 0.93   | cps   |
| Scandium   | 45-2  | 33755   | 37998   | 36969   | 36241   | 6.11   | cps   |
| Selenium   | 77-2  | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 0       | 2       | 4       | 2       | 100.00 | cps   |
| Selenium   | 82-1  | -119    | -100    | -115    | -111    | -8.71  | cps   |
| Silicon    | 28-1  | 416337  | 415133  | 412763  | 414744  | 0.44   | cps   |
| Silver     | 109-1 | 383     | 300     | 308     | 331     | 13.88  | cps   |
| Silver     | 107-1 | 1042    | 817     | 771     | 876     | 16.54  | cps   |
| Sodium     | 23-2  | 8978    | 9645    | 8795    | 9139    | 4.90   | cps   |
| Strontium  | 86-1  | 958     | 1000    | 983     | 981     | 2.14   | cps   |
| Strontium  | 88-1  | 342     | 342     | 358     | 347     | 2.77   | cps   |
| Sulfur     | 34-1  | 373282  | 368041  | 374754  | 372025  | 0.95   | cps   |
| Terbium    | 159-1 | 8624024 | 8635669 | 8467007 | 8575567 | 1.10   | cps   |
| Terbium    | 159-2 | 1812820 | 1985651 | 1971761 | 1923411 | 4.99   | cps   |
| Thallium   | 203-1 | 625     | 667     | 608     | 633     | 4.74   | cps   |
| Thallium   | 205-1 | 1509    | 1308    | 1250    | 1356    | 10.00  | cps   |
| Tin        | 118-1 | 2292    | 1967    | 2367    | 2209    | 9.63   | cps   |
| Titanium   | 47-1  | 167     | 225     | 142     | 178     | 24.05  | cps   |
| Uranium    | 238-1 | 192     | 117     | 217     | 175     | 29.74  | cps   |
| Vanadium   | 51-2  | 30      | 30      | 7       | 22      | 60.61  | cps   |
| Yttrium    | 89-1  | 7623487 | 7636087 | 7548706 | 7602760 | 0.62   | cps   |
| Yttrium    | 89-2  | 244527  | 266768  | 266942  | 259412  | 4.97   | cps   |
| Zinc       | 66-2  | 57      | 80      | 50      | 62      | 25.32  | cps   |
| Zirconium  | 90-1  | 1759    | 1317    | 1250    | 1442    | 19.16  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB89660             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB041              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB041              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2017-08-22 13:50:01 | DataFile Name :   | 032CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 292  | 283  | 242  | 272     | 9.84   | cps   |