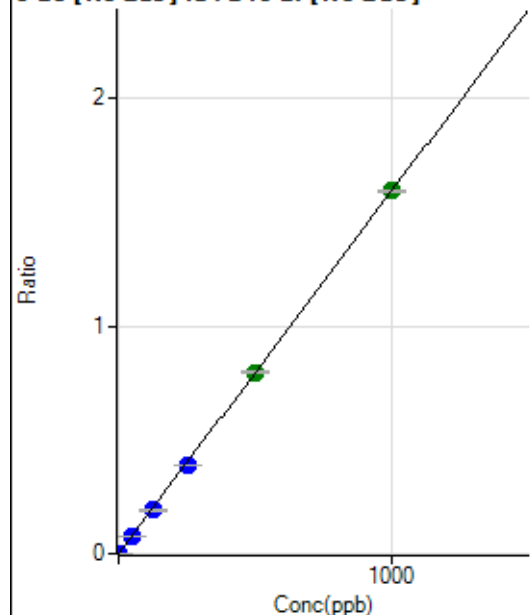


Batch Folder: D:\P8020519MS.b\  
Analysis File: P8020519MS.batch.bin  
DA Date-Time: 2019-02-05 12:36:46  
Calibration Title:  
Calibration Method: External Calibration  
VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time      |
|-------|--------------------|-------------|---------------------|
| 1     | 003CALB.d          | S00         | 2019-02-05 11:56:32 |
| 2     |                    |             |                     |
| 3     | 005CAL.S.d         | S02         | 2019-02-05 12:04:23 |
| 4     | 006CAL.S.d         | S03         | 2019-02-05 12:08:15 |
| 5     | 007CAL.S.d         | S04         | 2019-02-05 12:12:04 |
| 6     | 008CAL.S.d         | S05         | 2019-02-05 12:15:46 |
| 7     | 009CAL.S.d         | S06         | 2019-02-05 12:19:22 |
| 8     | 010CAL.S.d         | S07         | 2019-02-05 12:22:51 |
| 9     | 011CAL.S.d         | S08         | 2019-02-05 12:26:15 |

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 93.34      | 0.0001 | P    | 17.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.893      | 2050.18    | 0.0015 | P    | 4.5  |
| 4 | <input type="checkbox"/> | 50.000   | 49.587     | 106629.69  | 0.0791 | P    | 1.0  |
| 5 | <input type="checkbox"/> | 125.000  | 121.526    | 266140.89  | 0.1936 | P    | 5.0  |
| 6 | <input type="checkbox"/> | 250.000  | 245.656    | 535396.33  | 0.3914 | P    | 0.4  |
| 7 | <input type="checkbox"/> | 500.000  | 500.934    | 1068150.60 | 0.7980 | A    | 1.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.074   | 2107291.20 | 1.5947 | A    | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 245.56     | 0.0002 | P    | 9.5  |

$$y = 0.0016 * x + 6.7816E-005$$

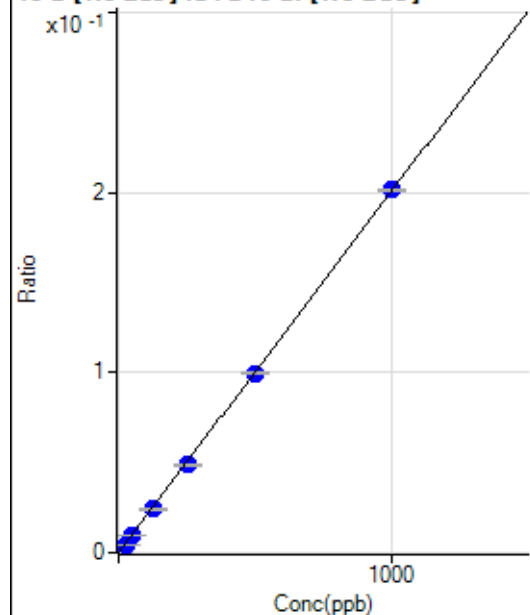
$$R = 1.0000$$

$$DL = 0.02227$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 108.34    | 0.0001 | P    | 22.4 |
| 2 | <input type="checkbox"/> | 2.500    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 25.000   | 22.467     | 6315.55   | 0.0046 | P    | 0.7  |
| 4 | <input type="checkbox"/> | 50.000   | 49.487     | 13506.89  | 0.0100 | P    | 1.8  |
| 5 | <input type="checkbox"/> | 125.000  | 120.855    | 33448.25  | 0.0243 | P    | 5.7  |
| 6 | <input type="checkbox"/> | 250.000  | 243.666    | 67040.57  | 0.0490 | P    | 1.7  |
| 7 | <input type="checkbox"/> | 500.000  | 496.137    | 133429.01 | 0.0997 | P    | 1.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 1004.122   | 266507.11 | 0.2017 | P    | 0.2  |
| 9 | <input type="checkbox"/> |          |            | 7035.33   | 0.0053 | P    | 3.8  |

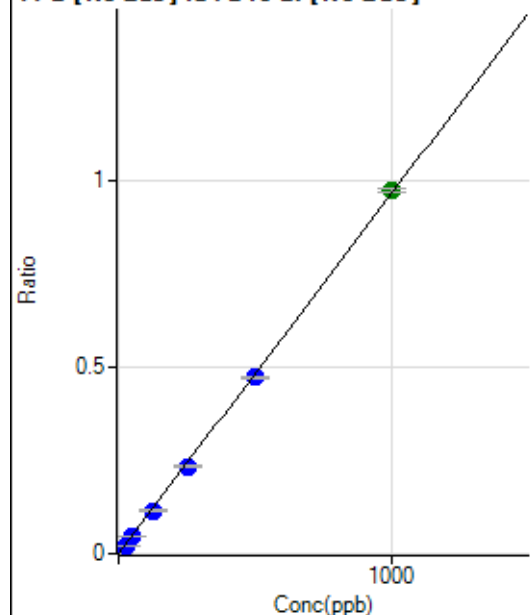
$$y = 2.0077E-004 * x + 7.8950E-005$$

$$R = 1.0000$$

$$DL = 0.2645$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 402.80     | 0.0003 | P    | 11.7 |
| 2 | <input type="checkbox"/> | 2.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 25.000   | 22.018     | 29673.18   | 0.0216 | P    | 0.7  |
| 4 | <input type="checkbox"/> | 50.000   | 48.106     | 63075.92   | 0.0468 | P    | 1.5  |
| 5 | <input type="checkbox"/> | 125.000  | 118.374    | 157558.87  | 0.1147 | P    | 5.2  |
| 6 | <input type="checkbox"/> | 250.000  | 242.442    | 320821.68  | 0.2345 | P    | 0.4  |
| 7 | <input type="checkbox"/> | 500.000  | 490.571    | 634748.82  | 0.4742 | P    | 1.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 1007.601   | 1286764.68 | 0.9737 | A    | 1.0  |
| 9 | <input type="checkbox"/> |          |            | 31644.33   | 0.0240 | P    | 5.9  |

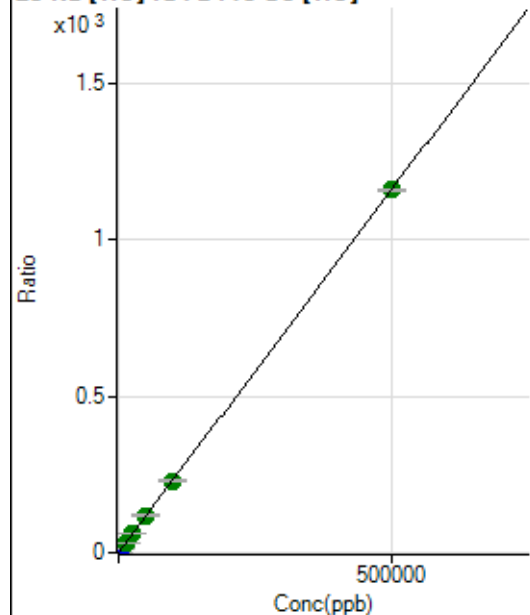
$$y = 9.6608\text{E-}004 * x + 2.9230\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.1061$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS         | Ratio     | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|-----------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 9200.57     | 0.1471    | P    | 4.1 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |           |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 471.595    | 75237.98    | 1.2389    | P    | 1.0 |
| 4 | <input type="checkbox"/> | 5000.000  | 5218.893   | 727802.71   | 12.2295   | P    | 0.9 |
| 5 | <input type="checkbox"/> | 12500.000 | 13201.119  | 1853416.69  | 30.7093   | A    | 1.3 |
| 6 | <input type="checkbox"/> | 25000.000 | 26113.291  | 3639325.17  | 60.6026   | A    | 0.5 |
| 7 | <input type="checkbox"/> | 50000.000 | 51544.867  | 7123588.35  | 119.4800  | A    | 1.7 |
| 8 | <input type="checkbox"/> | 100000.00 | 99300.708  | 14298926.36 | 230.0408  | A    | 0.6 |
| 9 | <input type="checkbox"/> | 500000.00 | 499910.01  | 72557174.54 | 1,157.502 | A    | 0.9 |

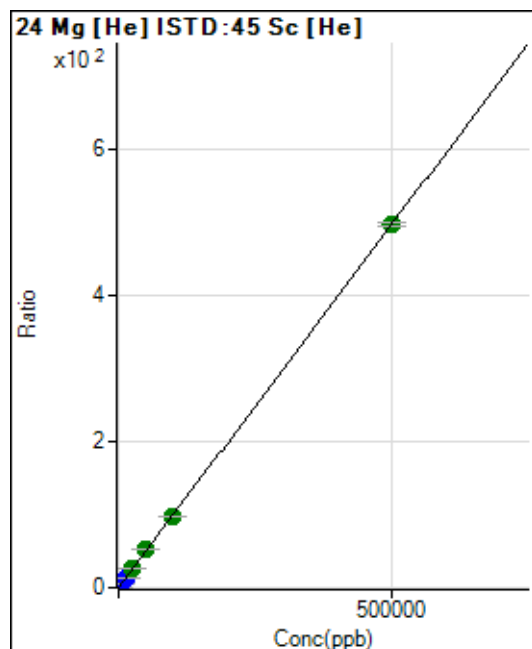
$$y = 0.0023 * x + 0.1471$$

$$R = 1.0000$$

$$DL = 7.777$$

Weight: &lt;None&gt;

Min Conc: 0



|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS         | Ratio    | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|----------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 347.24      | 0.0055   | P    | 8.7 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 488.877    | 29846.06    | 0.4915   | P    | 2.2 |
| 4 | <input type="checkbox"/> | 5000.000  | 5334.108   | 315855.94   | 5.3075   | P    | 0.9 |
| 5 | <input type="checkbox"/> | 12500.000 | 13123.786  | 787680.33   | 13.0501  | P    | 0.6 |
| 6 | <input type="checkbox"/> | 25000.000 | 26760.936  | 1597741.55  | 26.6050  | A    | 1.4 |
| 7 | <input type="checkbox"/> | 50000.000 | 52592.660  | 3117107.25  | 52.2808  | A    | 1.6 |
| 8 | <input type="checkbox"/> | 100000.00 | 99183.699  | 6128394.19  | 98.5907  | A    | 0.1 |
| 9 | <input type="checkbox"/> | 500000.00 | 499797.02  | 31140662.50 | 496.7863 | A    | 1.0 |

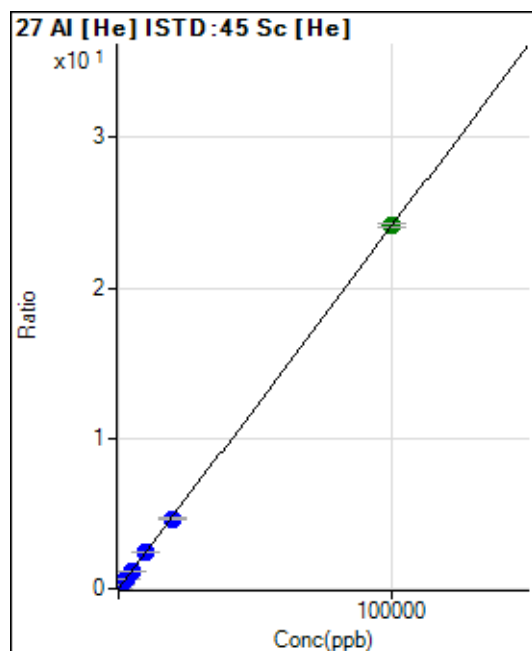
$$y = 9.9396\text{E-}004 * x + 0.0055$$

$$R = 1.0000$$

$$DL = 1.452$$

Weight: <None>

Min Conc: 0



|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS        | Ratio   | Det. | RSD  |
|---|--------------------------|-----------|------------|------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 56.68      | 0.0009  | P    | 18.5 |
| 2 | <input type="checkbox"/> | 2.000     |            |            |         |      |      |
| 3 | <input type="checkbox"/> | 20.000    | 15.938     | 288.41     | 0.0047  | P    | 12.2 |
| 4 | <input type="checkbox"/> | 1000.000  | 1011.089   | 14555.38   | 0.2446  | P    | 1.6  |
| 5 | <input type="checkbox"/> | 2500.000  | 2506.136   | 36507.54   | 0.6049  | P    | 1.1  |
| 6 | <input type="checkbox"/> | 5000.000  | 5029.957   | 72852.05   | 1.2131  | P    | 0.2  |
| 7 | <input type="checkbox"/> | 10000.000 | 10100.434  | 145189.32  | 2.4351  | P    | 1.3  |
| 8 | <input type="checkbox"/> | 20000.000 | 19329.762  | 289616.37  | 4.6593  | P    | 0.5  |
| 9 | <input type="checkbox"/> | 100000.00 | 100122.24  | 1512565.54 | 24.1301 | A    | 1.2  |

$$y = 2.4100\text{E-}004 * x + 9.0670\text{E-}004$$

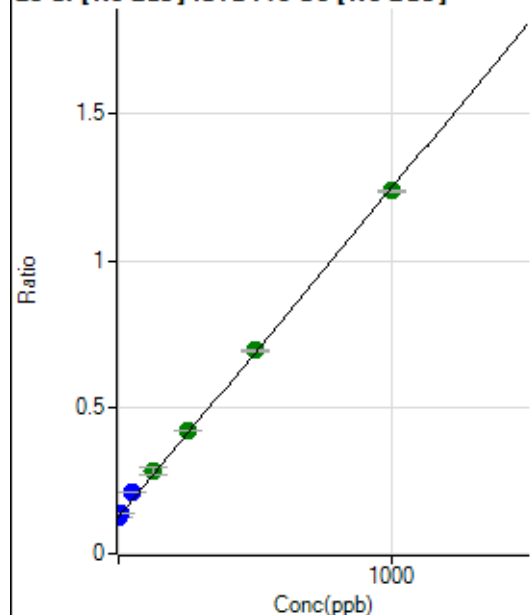
$$R = 1.0000$$

$$DL = 2.089$$

Weight: <None>

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 566105.53  | 0.1255 | P    | 1.2 |
| 2 | <input type="checkbox"/> | 1.000    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 10.000   | 12.977     | 630075.46  | 0.1401 | P    | 0.6 |
| 4 | <input type="checkbox"/> | 50.000   | 74.776     | 917031.74  | 0.2094 | P    | 1.5 |
| 5 | <input type="checkbox"/> | 125.000  | 141.582    | 1269152.58 | 0.2845 | A    | 9.2 |
| 6 | <input type="checkbox"/> | 250.000  | 262.048    | 1886454.25 | 0.4197 | A    | 0.3 |
| 7 | <input type="checkbox"/> | 500.000  | 505.049    | 3113145.99 | 0.6925 | A    | 1.1 |
| 8 | <input type="checkbox"/> | 1000.000 | 991.122    | 5418805.37 | 1.2383 | A    | 0.9 |
| 9 | <input type="checkbox"/> |          |            | 875979.56  | 0.1976 | P    | 3.0 |

$$y = 0.0011 * x + 0.1255$$

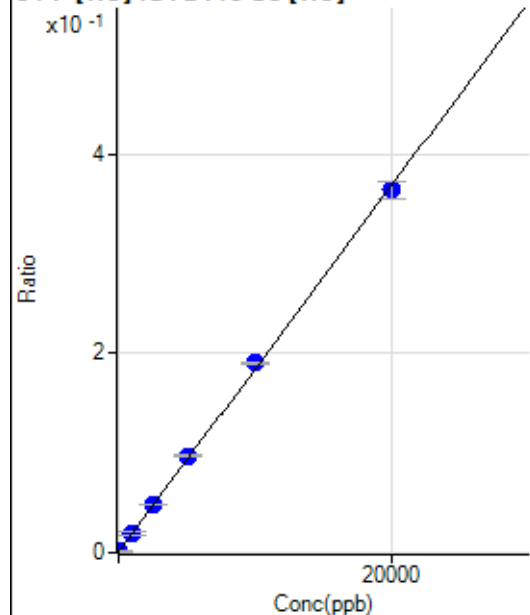
$$R = 0.9997$$

$$DL = 4.119$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS      | Ratio  | Det. | RSD  |
|---|--------------------------|-----------|------------|----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | -27.566    | 11.11    | 0.0002 | P    | 86.6 |
| 2 | <input type="checkbox"/> | 0.000     |            |          |        |      |      |
| 3 | <input type="checkbox"/> | 0.000     | 27.566     | 72.22    | 0.0012 | P    | 54.2 |
| 4 | <input type="checkbox"/> | 1000.000  | 1017.879   | 1155.66  | 0.0194 | P    | 18.3 |
| 5 | <input type="checkbox"/> | 2500.000  | 2573.602   | 2900.43  | 0.0480 | P    | 0.7  |
| 6 | <input type="checkbox"/> | 5000.000  | 5254.109   | 5848.72  | 0.0974 | P    | 3.1  |
| 7 | <input type="checkbox"/> | 10000.000 | 10323.494  | 11371.75 | 0.1907 | P    | 1.6  |
| 8 | <input type="checkbox"/> | 20000.000 | 19764.631  | 22657.94 | 0.3644 | P    | 4.5  |
| 9 | <input type="checkbox"/> |           |            | 33.33    | 0.0005 | P    | 24.9 |

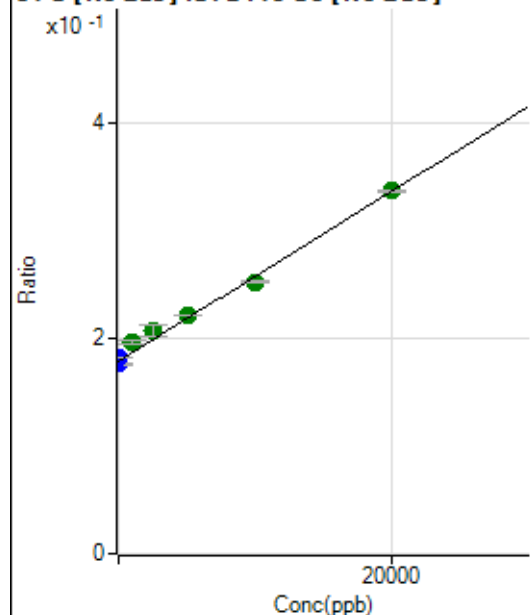
$$y = 1.8404E-005 * x + 6.8526E-004$$

$$R = 0.9997$$

$$DL = 65.23$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio  | Det | RSD |
|---|--------------------------|-----------|------------|------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | -360.681   | 795950.75  | 0.1764 | P   | 1.5 |
| 2 | <input type="checkbox"/> | 0.000     |            |            |        |     |     |
| 3 | <input type="checkbox"/> | 0.000     | 360.681    | 819422.64  | 0.1821 | P   | 0.4 |
| 4 | <input type="checkbox"/> | 1000.000  | 2182.507   | 860549.42  | 0.1965 | A   | 1.4 |
| 5 | <input type="checkbox"/> | 2500.000  | 3539.798   | 926211.44  | 0.2073 | A   | 4.7 |
| 6 | <input type="checkbox"/> | 5000.000  | 5392.097   | 997380.38  | 0.2219 | A   | 0.6 |
| 7 | <input type="checkbox"/> | 10000.000 | 9347.196   | 1137982.42 | 0.2532 | A   | 0.9 |
| 8 | <input type="checkbox"/> | 20000.000 | 20039.278  | 1477596.09 | 0.3376 | A   | 0.7 |
| 9 | <input type="checkbox"/> |           |            | 729730.58  | 0.1646 | P   | 2.0 |

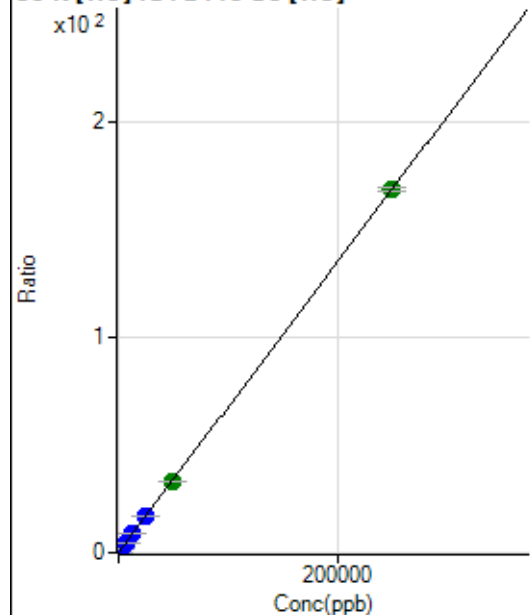
$$y = 7.9020\text{E-}006 * x + 0.1793$$

$$R = 0.9961$$

$$DL = 633.8$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det | RSD |
|---|--------------------------|-----------|------------|-------------|----------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 7141.05     | 0.1141   | P   | 4.7 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |     |     |
| 3 | <input type="checkbox"/> | 500.000   | 462.515    | 25857.93    | 0.4257   | P   | 2.2 |
| 4 | <input type="checkbox"/> | 2500.000  | 2547.666   | 108943.78   | 1.8305   | P   | 0.4 |
| 5 | <input type="checkbox"/> | 6250.000  | 6315.451   | 263700.20   | 4.3688   | P   | 0.5 |
| 6 | <input type="checkbox"/> | 12500.000 | 12654.196  | 518795.12   | 8.6391   | P   | 0.6 |
| 7 | <input type="checkbox"/> | 25000.000 | 25415.456  | 1027651.78  | 17.2362  | P   | 1.7 |
| 8 | <input type="checkbox"/> | 50000.000 | 49372.624  | 2074590.43  | 33.3758  | A   | 0.5 |
| 9 | <input type="checkbox"/> | 250000.00 | 250074.18  | 10567699.89 | 168.5859 | A   | 0.9 |

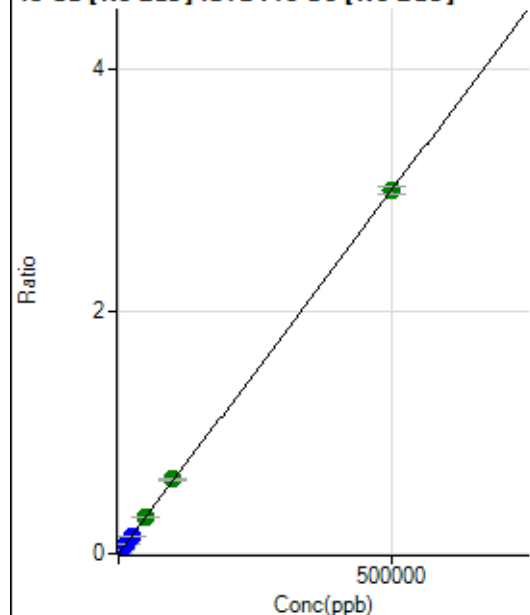
$$y = 6.7369\text{E-}004 * x + 0.1141$$

$$R = 1.0000$$

$$DL = 23.71$$

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      | 1313.42     | 0.0003 | P    | 0.4 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |        |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 437.026    | 13112.96    | 0.0029 | P    | 2.5 |
| 4 | <input type="checkbox"/> | 5000.000  | 5054.778   | 134158.74   | 0.0306 | P    | 0.6 |
| 5 | <input type="checkbox"/> | 12500.000 | 12294.618  | 330965.61   | 0.0741 | P    | 6.1 |
| 6 | <input type="checkbox"/> | 25000.000 | 24746.808  | 669107.16   | 0.1489 | P    | 0.5 |
| 7 | <input type="checkbox"/> | 50000.000 | 49928.399  | 1348792.97  | 0.3001 | A    | 0.7 |
| 8 | <input type="checkbox"/> | 100000.00 | 102123.40  | 2684526.73  | 0.6134 | A    | 1.1 |
| 9 | <input type="checkbox"/> | 500000.00 | 499599.78  | 13300695.78 | 2.9998 | A    | 2.2 |

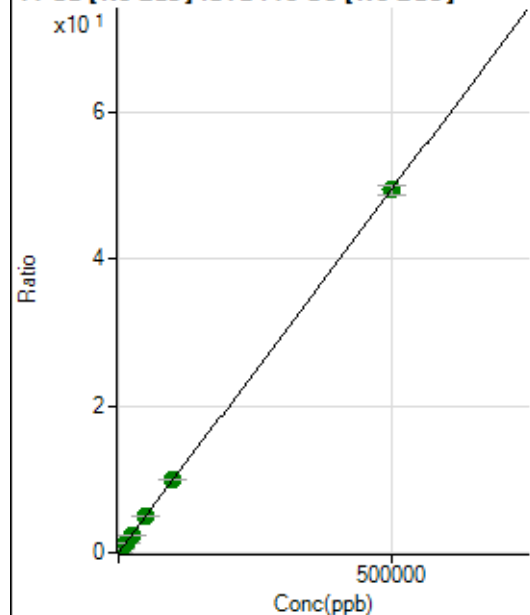
$$y = 6.0038E-006 * x + 2.9112E-004$$

$$R = 1.0000$$

$$DL = 0.5394$$

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      | 35697.83    | 0.0079  | P    | 1.1 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |         |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 448.210    | 234739.84   | 0.0522  | P    | 1.1 |
| 4 | <input type="checkbox"/> | 5000.000  | 5106.102   | 2242877.05  | 0.5122  | A    | 1.7 |
| 5 | <input type="checkbox"/> | 12500.000 | 12204.547  | 5419646.59  | 1.2133  | A    | 5.7 |
| 6 | <input type="checkbox"/> | 25000.000 | 24552.781  | 10935484.56 | 2.4330  | A    | 0.5 |
| 7 | <input type="checkbox"/> | 50000.000 | 49075.623  | 21824166.90 | 4.8550  | A    | 0.3 |
| 8 | <input type="checkbox"/> | 100000.00 | 100976.55  | 43679451.02 | 9.9812  | A    | 0.5 |
| 9 | <input type="checkbox"/> | 500000.00 | 499925.86  | 218955225.6 | 49.3848 | A    | 2.5 |

$$y = 9.8768E-005 * x + 0.0079$$

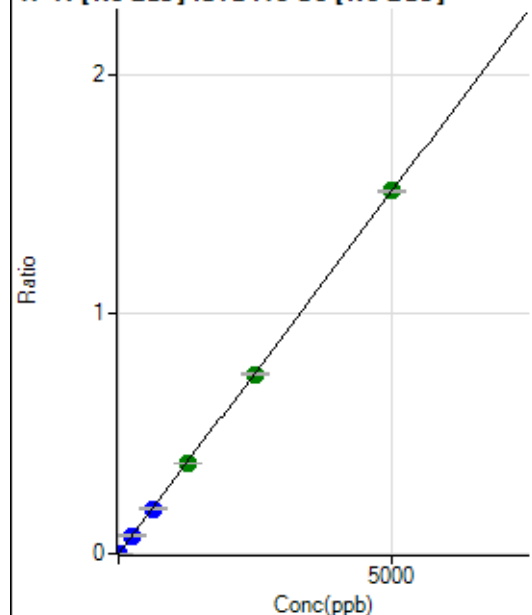
$$R = 1.0000$$

$$DL = 2.678$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 238.90     | 0.0001 | P    | 7.7  |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.467      | 6315.56    | 0.0014 | P    | 2.4  |
| 4 | <input type="checkbox"/> | 250.000  | 250.800    | 332273.38  | 0.0759 | P    | 1.2  |
| 5 | <input type="checkbox"/> | 625.000  | 618.231    | 834943.35  | 0.1870 | P    | 6.6  |
| 6 | <input type="checkbox"/> | 1250.000 | 1254.278   | 1704832.05 | 0.3793 | A    | 0.3  |
| 7 | <input type="checkbox"/> | 2500.000 | 2478.877   | 3369409.93 | 0.7496 | A    | 0.5  |
| 8 | <input type="checkbox"/> | 5000.000 | 5010.298   | 6629712.69 | 1.5150 | A    | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 1144.55    | 0.0003 | P    | 15.3 |

$$y = 3.0236E-004 * x + 5.2946E-005$$

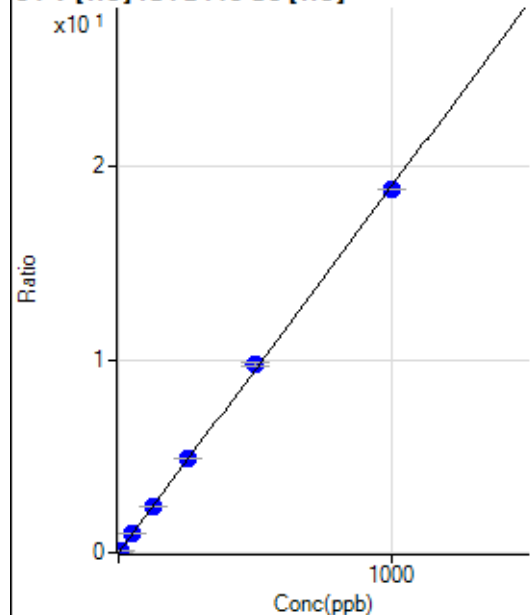
$$R = 1.0000$$

$$DL = 0.04063$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio   | Det. | RSD  |
|---|--------------------------|----------|------------|------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 31.11      | 0.0005  | P    | 21.5 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |         |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.808      | 5568.97    | 0.0917  | P    | 3.8  |
| 4 | <input type="checkbox"/> | 50.000   | 50.695     | 57237.69   | 0.9618  | P    | 0.6  |
| 5 | <input type="checkbox"/> | 125.000  | 126.965    | 145332.37  | 2.4080  | P    | 1.6  |
| 6 | <input type="checkbox"/> | 250.000  | 255.770    | 291275.17  | 4.8503  | P    | 0.4  |
| 7 | <input type="checkbox"/> | 500.000  | 515.014    | 582275.96  | 9.7660  | P    | 1.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 990.771    | 1167813.58 | 18.7872 | P    | 0.1  |
| 9 | <input type="checkbox"/> |          |            | 170.00     | 0.0027  | P    | 15.9 |

$$y = 0.0190 * x + 4.9647E-004$$

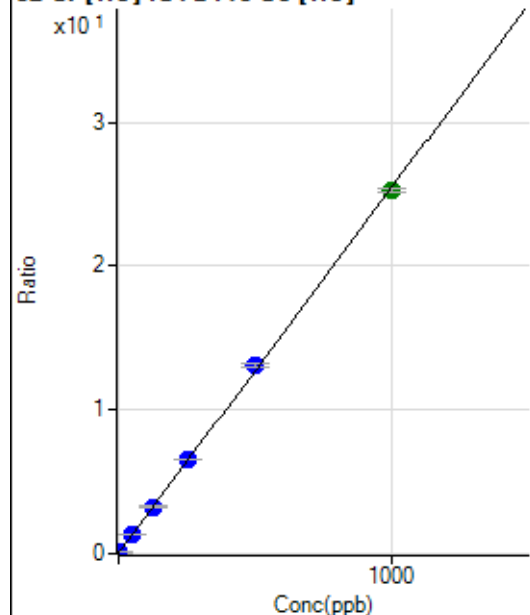
$$R = 0.9998$$

$$DL = 0.01689$$

Weight: &lt;None&gt;

Min Conc: 0



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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio   | Det | RSD |
|---|--------------------------|----------|------------|------------|---------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1342.31    | 0.0214  | P   | 8.9 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |         |     |     |
| 3 | <input type="checkbox"/> | 2.000    | 1.939      | 4294.06    | 0.0707  | P   | 1.7 |
| 4 | <input type="checkbox"/> | 50.000   | 51.240     | 78768.95   | 1.3236  | P   | 0.9 |
| 5 | <input type="checkbox"/> | 125.000  | 127.621    | 197043.70  | 3.2646  | P   | 1.2 |
| 6 | <input type="checkbox"/> | 250.000  | 256.256    | 392356.22  | 6.5336  | P   | 0.8 |
| 7 | <input type="checkbox"/> | 500.000  | 513.478    | 779272.53  | 13.0703 | P   | 1.7 |
| 8 | <input type="checkbox"/> | 1000.000 | 991.307    | 1567158.12 | 25.2133 | A   | 0.9 |
| 9 | <input type="checkbox"/> |          |            | 11705.08   | 0.1867  | P   | 1.9 |

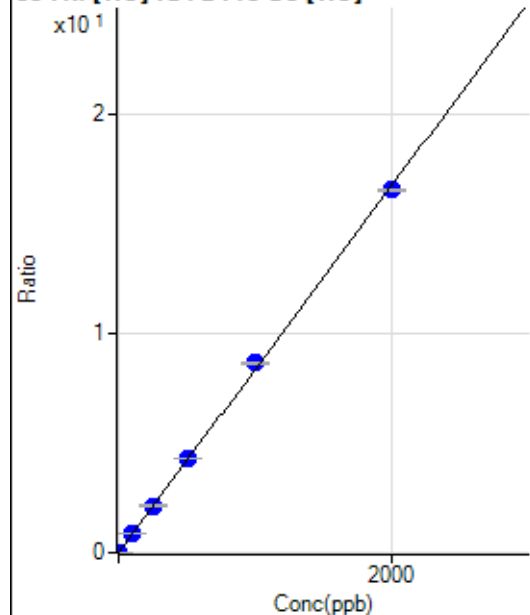
$$y = 0.0254 * x + 0.0214$$

$$R = 0.9998$$

$$DL = 0.2242$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio   | Det | RSD  |
|---|--------------------------|----------|------------|------------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 52.22      | 0.0008  | P   | 37.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |         |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.956      | 536.69     | 0.0088  | P   | 7.1  |
| 4 | <input type="checkbox"/> | 100.000  | 103.133    | 51436.63   | 0.8643  | P   | 0.2  |
| 5 | <input type="checkbox"/> | 250.000  | 255.761    | 129286.73  | 2.1421  | P   | 1.1  |
| 6 | <input type="checkbox"/> | 500.000  | 516.368    | 259658.96  | 4.3239  | P   | 0.3  |
| 7 | <input type="checkbox"/> | 1000.000 | 1033.411   | 515914.34  | 8.6526  | P   | 1.1  |
| 8 | <input type="checkbox"/> | 2000.000 | 1978.326   | 1029550.36 | 16.5634 | P   | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 3705.00    | 0.0591  | P   | 5.6  |

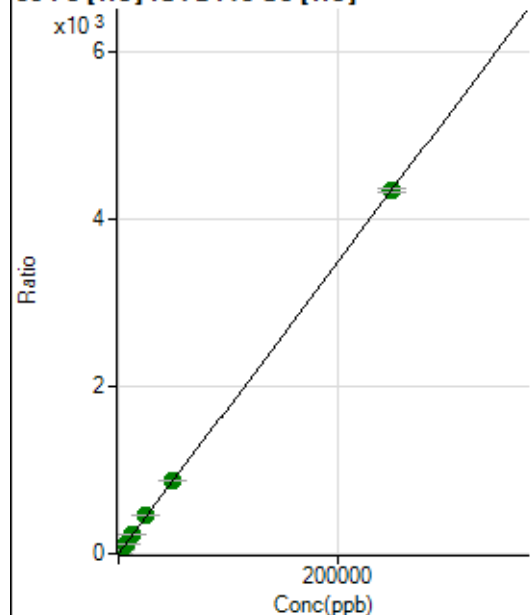
$$y = 0.0084 * x + 8.3683E-004$$

$$R = 0.9998$$

$$DL = 0.1123$$

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      | 2637.37     | 0.0422    | P   | 7.3 |
| 2 | <input type="checkbox"/> | 5.000     |            |             |           |     |     |
| 3 | <input type="checkbox"/> | 50.000    | 52.686     | 58052.46    | 0.9559    | P   | 1.0 |
| 4 | <input type="checkbox"/> | 2500.000  | 2671.313   | 2759457.27  | 46.3699   | A   | 1.3 |
| 5 | <input type="checkbox"/> | 6250.000  | 6577.003   | 6886584.12  | 114.1052  | A   | 1.4 |
| 6 | <input type="checkbox"/> | 12500.000 | 13208.744  | 13759251.58 | 229.1175  | A   | 0.2 |
| 7 | <input type="checkbox"/> | 25000.000 | 26417.751  | 27318081.40 | 458.1973  | A   | 1.8 |
| 8 | <input type="checkbox"/> | 50000.000 | 50574.535  | 54520430.85 | 877.1412  | A   | 0.7 |
| 9 | <input type="checkbox"/> | 250000.00 | 249697.99  | 271453978.2 | 4,330.479 | A   | 1.0 |

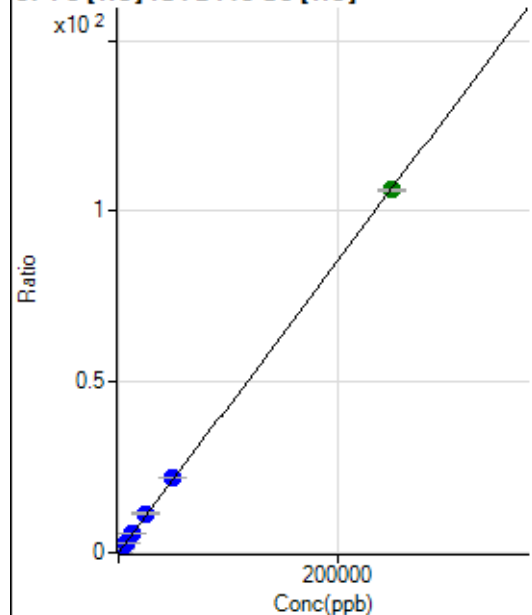
$$y = 0.0173 * x + 0.0422$$

$$R = 1.0000$$

$$DL = 0.5302$$

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      | 92.60      | 0.0015   | P   | 27.5 |
| 2 | <input type="checkbox"/> | 5.000     |            |            |          |     |      |
| 3 | <input type="checkbox"/> | 50.000    | 54.430     | 1498.28    | 0.0247   | P   | 3.7  |
| 4 | <input type="checkbox"/> | 2500.000  | 2711.699   | 68840.40   | 1.1569   | P   | 2.0  |
| 5 | <input type="checkbox"/> | 6250.000  | 6740.175   | 173426.82  | 2.8733   | P   | 0.5  |
| 6 | <input type="checkbox"/> | 12500.000 | 13477.844  | 344942.16  | 5.7440   | P   | 0.6  |
| 7 | <input type="checkbox"/> | 25000.000 | 26996.440  | 685883.92  | 11.5039  | P   | 1.6  |
| 8 | <input type="checkbox"/> | 50000.000 | 51755.260  | 1370776.96 | 22.0529  | P   | 0.4  |
| 9 | <input type="checkbox"/> | 250000.00 | 249386.03  | 6660775.38 | 106.2577 | A   | 0.5  |

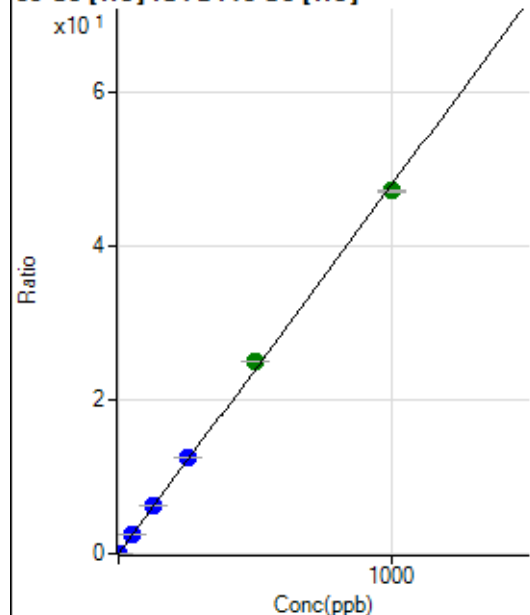
$$y = 4.2607E-004 * x + 0.0015$$

$$R = 1.0000$$

$$DL = 2.856$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio   | Det. | RSD  |
|---|--------------------------|----------|------------|------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 197.78     | 0.0032  | P    | 14.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |         |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.925      | 2887.02    | 0.0475  | P    | 0.5  |
| 4 | <input type="checkbox"/> | 50.000   | 52.514     | 150064.86  | 2.5215  | P    | 0.5  |
| 5 | <input type="checkbox"/> | 125.000  | 130.530    | 378000.17  | 6.2629  | P    | 1.0  |
| 6 | <input type="checkbox"/> | 250.000  | 262.828    | 757110.73  | 12.6075 | P    | 0.3  |
| 7 | <input type="checkbox"/> | 500.000  | 522.746    | 1495027.53 | 25.0722 | A    | 0.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 984.603    | 2935341.38 | 47.2213 | A    | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 34103.00   | 0.5440  | P    | 0.8  |

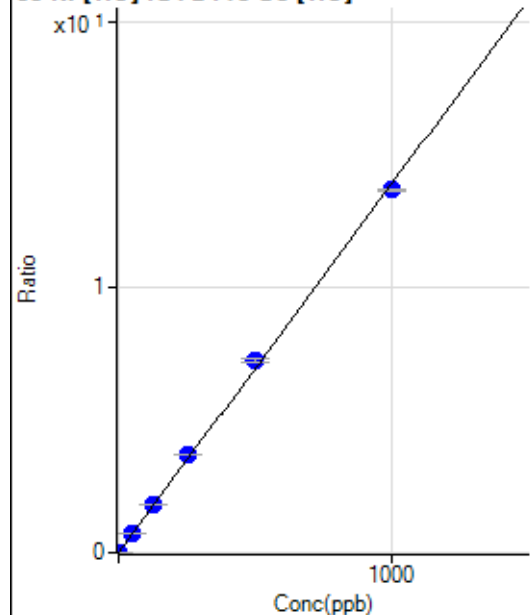
$$y = 0.0480 * x + 0.0032$$

$$R = 0.9995$$

$$DL = 0.02798$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio   | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 73.33     | 0.0012  | P    | 17.2 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |         |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.027      | 936.72    | 0.0154  | P    | 2.9  |
| 4 | <input type="checkbox"/> | 50.000   | 53.772     | 44500.17  | 0.7477  | P    | 0.6  |
| 5 | <input type="checkbox"/> | 125.000  | 131.688    | 110409.98 | 1.8294  | P    | 1.3  |
| 6 | <input type="checkbox"/> | 250.000  | 264.513    | 220593.85 | 3.6734  | P    | 0.5  |
| 7 | <input type="checkbox"/> | 500.000  | 521.767    | 431949.34 | 7.2448  | P    | 1.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 984.464    | 849652.40 | 13.6683 | P    | 0.6  |
| 9 | <input type="checkbox"/> |          |            | 10467.45  | 0.1670  | P    | 3.0  |

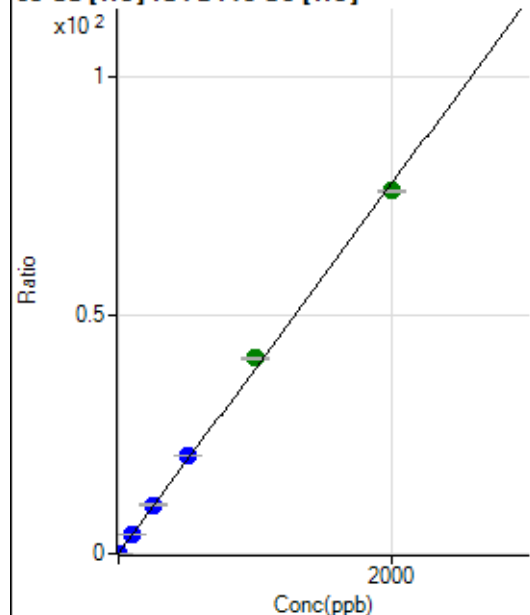
$$y = 0.0139 * x + 0.0012$$

$$R = 0.9995$$

$$DL = 0.0435$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio   | Det. | RSD |
|---|--------------------------|----------|------------|------------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1306.75    | 0.0209  | P    | 4.9 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |         |      |     |
| 3 | <input type="checkbox"/> | 2.000    | 1.708      | 5295.55    | 0.0872  | P    | 1.9 |
| 4 | <input type="checkbox"/> | 100.000  | 106.905    | 248211.10  | 4.1707  | P    | 0.6 |
| 5 | <input type="checkbox"/> | 250.000  | 264.744    | 621513.37  | 10.2977 | P    | 1.1 |
| 6 | <input type="checkbox"/> | 500.000  | 530.126    | 1237024.48 | 20.5993 | P    | 0.7 |
| 7 | <input type="checkbox"/> | 1000.000 | 1055.894   | 2444999.91 | 41.0085 | A    | 1.6 |
| 8 | <input type="checkbox"/> | 2000.000 | 1962.333   | 4736402.98 | 76.1946 | A    | 0.4 |
| 9 | <input type="checkbox"/> |          |            | 6307.09    | 0.1006  | P    | 1.8 |

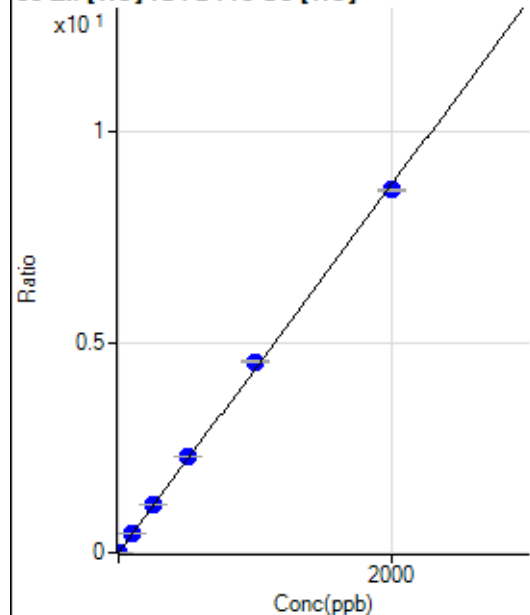
$$y = 0.0388 * x + 0.0209$$

$$R = 0.9993$$

$$DL = 0.0795$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 75.56     | 0.0012 | P    | 12.0 |
| 2 | <input type="checkbox"/> | 0.200    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 2.000    | 1.733      | 533.36    | 0.0088 | P    | 13.7 |
| 4 | <input type="checkbox"/> | 100.000  | 104.988    | 27389.47  | 0.4602 | P    | 1.2  |
| 5 | <input type="checkbox"/> | 250.000  | 262.540    | 69361.10  | 1.1491 | P    | 0.9  |
| 6 | <input type="checkbox"/> | 500.000  | 523.292    | 137470.69 | 2.2892 | P    | 0.9  |
| 7 | <input type="checkbox"/> | 1000.000 | 1039.273   | 271001.52 | 4.5453 | P    | 1.5  |
| 8 | <input type="checkbox"/> | 2000.000 | 1972.724   | 536239.74 | 8.6266 | P    | 0.3  |
| 9 | <input type="checkbox"/> |          |            | 2620.30   | 0.0418 | P    | 7.1  |

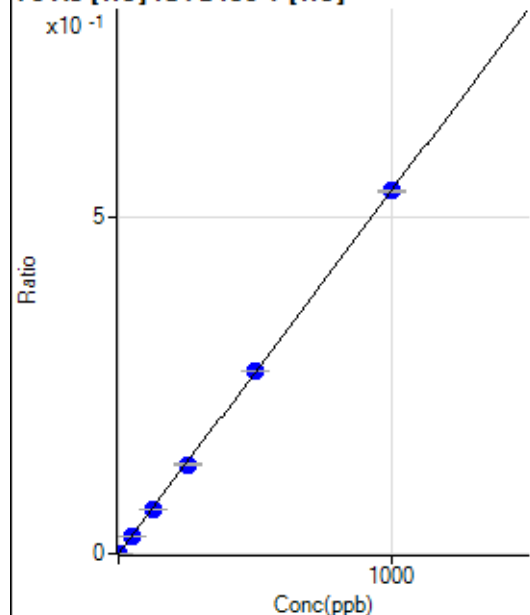
$$y = 0.0044 * x + 0.0012$$

$$R = 0.9996$$

$$DL = 0.09915$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 9.88      | 0.0000 | P    | 39.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.960      | 201.24    | 0.0005 | P    | 6.8  |
| 4 | <input type="checkbox"/> | 50.000   | 49.577     | 9817.14   | 0.0268 | P    | 1.4  |
| 5 | <input type="checkbox"/> | 125.000  | 123.808    | 24712.23  | 0.0668 | P    | 1.1  |
| 6 | <input type="checkbox"/> | 250.000  | 244.864    | 49416.36  | 0.1321 | P    | 1.8  |
| 7 | <input type="checkbox"/> | 500.000  | 503.287    | 99085.18  | 0.2715 | P    | 0.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.811    | 200096.63 | 0.5392 | P    | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 277.78    | 0.0007 | P    | 13.3 |

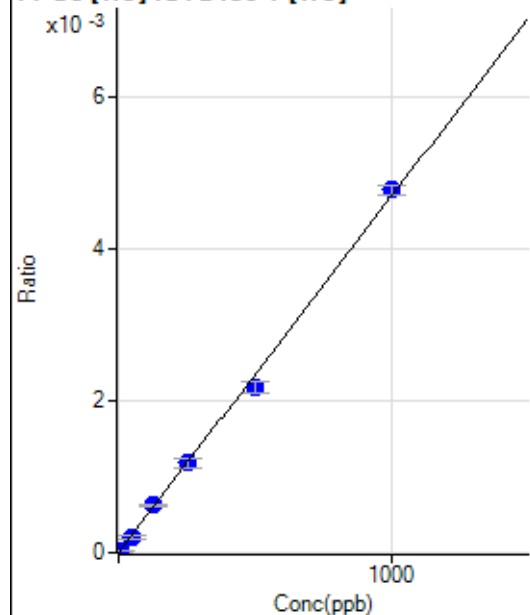
$$y = 5.3933\text{E-}004 * x + 2.5825\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.05649$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS     | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|---------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1.11    | 0.0000 | P    | 173. |
| 2 | <input type="checkbox"/> | 0.500    |            |         |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 6.436      | 12.22   | 0.0000 | P    | 16.2 |
| 4 | <input type="checkbox"/> | 50.000   | 43.455     | 75.56   | 0.0002 | P    | 18.2 |
| 5 | <input type="checkbox"/> | 125.000  | 132.130    | 230.01  | 0.0006 | P    | 6.6  |
| 6 | <input type="checkbox"/> | 250.000  | 251.279    | 441.13  | 0.0012 | P    | 10.6 |
| 7 | <input type="checkbox"/> | 500.000  | 462.728    | 791.15  | 0.0022 | P    | 7.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 1017.745   | 1769.04 | 0.0048 | P    | 2.9  |
| 9 | <input type="checkbox"/> |          |            | 5.56    | 0.0000 | P    | 92.1 |

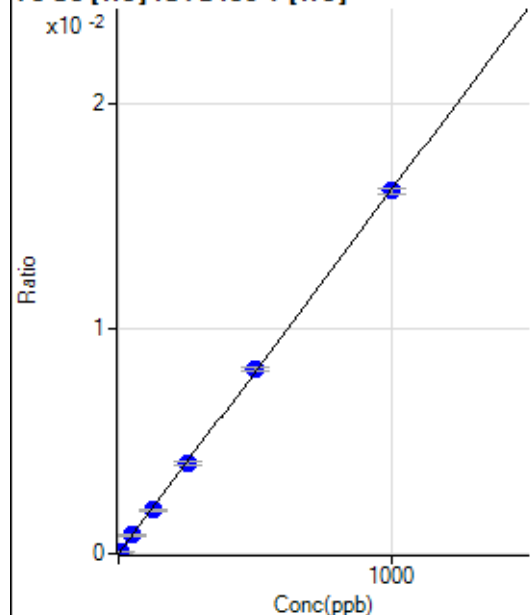
$$y = 4.6810\text{E-}006 * x + 2.9019\text{E-}006$$

$$R = 0.9989$$

$$DL = 3.221$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS     | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|---------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 2.47    | 0.0000 | P        | 42.8 |
| 2 | <input type="checkbox"/> | 0.500    |            |         |        |          |      |
| 3 | <input type="checkbox"/> | 5.000    | 5.786      | 37.04   | 0.0001 | P        | 8.4  |
| 4 | <input type="checkbox"/> | 50.000   | 50.418     | 301.24  | 0.0008 | P        | 10.8 |
| 5 | <input type="checkbox"/> | 125.000  | 119.981    | 720.40  | 0.0019 | P        | 6.1  |
| 6 | <input type="checkbox"/> | 250.000  | 249.466    | 1512.44 | 0.0040 | P        | 4.2  |
| 7 | <input type="checkbox"/> | 500.000  | 507.040    | 2996.65 | 0.0082 | P        | 1.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 997.216    | 5988.38 | 0.0161 | P        | 1.8  |
| 9 | <input type="checkbox"/> |          |            | 11.73   | 0.0000 | P        | 65.9 |

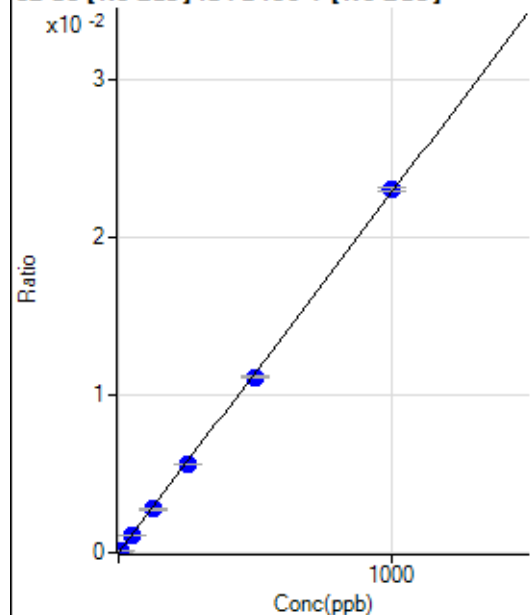
$$y = 1.6176\text{E-}005 * x + 6.4343\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.511$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 3.69      | 0.0000 | P        | 325. |
| 2 | <input type="checkbox"/> | 0.500    |            |           |        |          |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.488      | 718.37    | 0.0001 | P        | 13.8 |
| 4 | <input type="checkbox"/> | 50.000   | 50.367     | 7753.42   | 0.0012 | P        | 0.5  |
| 5 | <input type="checkbox"/> | 125.000  | 120.863    | 19402.94  | 0.0028 | P        | 6.3  |
| 6 | <input type="checkbox"/> | 250.000  | 244.648    | 39417.64  | 0.0056 | P        | 0.9  |
| 7 | <input type="checkbox"/> | 500.000  | 488.465    | 78522.45  | 0.0112 | P        | 1.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 1007.607   | 157120.68 | 0.0230 | P        | 0.9  |
| 9 | <input type="checkbox"/> |          |            | 47.20     | 0.0000 | P        | 189. |

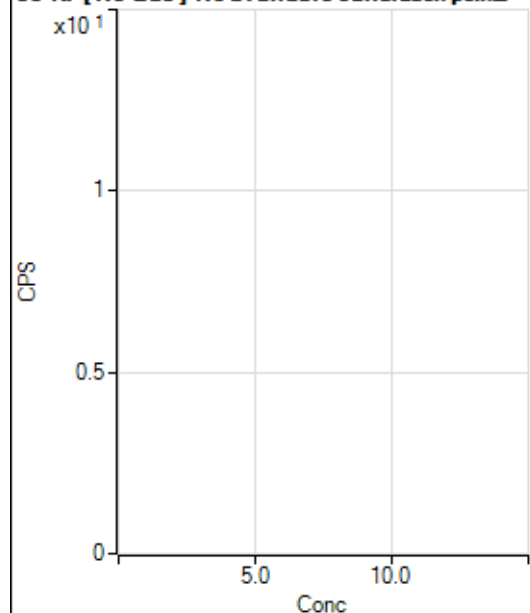
$$y = 2.2831\text{E-}005 * x + 5.5795\text{E-}007$$

$$R = 0.9999$$

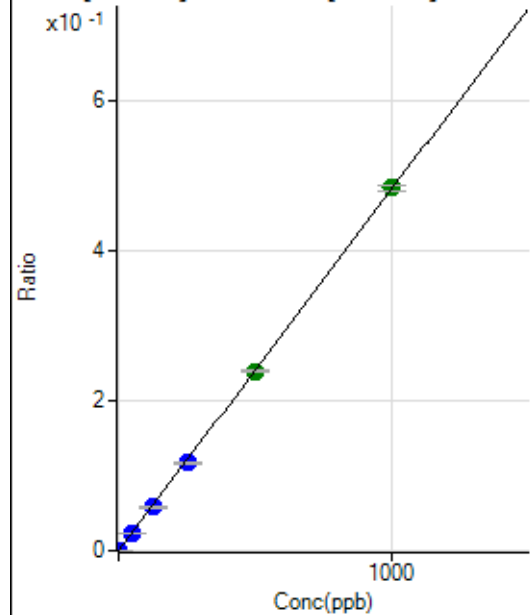
$$DL = 0.2383$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|--------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 855.60 |       | P        | 1.6 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |     |
| 3 | <input type="checkbox"/> |       |            | 872.27 |       | P        | 6.4 |
| 4 | <input type="checkbox"/> |       |            | 845.60 |       | P        | 6.6 |
| 5 | <input type="checkbox"/> |       |            | 830.04 |       | P        | 1.4 |
| 6 | <input type="checkbox"/> |       |            | 817.82 |       | P        | 2.5 |
| 7 | <input type="checkbox"/> |       |            | 887.83 |       | P        | 3.3 |
| 8 | <input type="checkbox"/> |       |            | 816.70 |       | P        | 2.9 |
| 9 | <input type="checkbox"/> |       |            | 865.60 |       | P        | 8.9 |

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1244.57    | 0.0002 | P        | 6.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |          |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.768      | 3836.82    | 0.0006 | P        | 4.4 |
| 4 | <input type="checkbox"/> | 50.000   | 49.730     | 162445.97  | 0.0241 | P        | 1.6 |
| 5 | <input type="checkbox"/> | 125.000  | 120.145    | 407647.63  | 0.0580 | P        | 6.1 |
| 6 | <input type="checkbox"/> | 250.000  | 242.664    | 825061.85  | 0.1169 | P        | 1.0 |
| 7 | <input type="checkbox"/> | 500.000  | 495.985    | 1681345.22 | 0.2388 | A        | 1.1 |
| 8 | <input type="checkbox"/> | 1000.000 | 1004.462   | 3301591.98 | 0.4834 | A        | 1.6 |
| 9 | <input type="checkbox"/> |          |            | 12901.14   | 0.0019 | P        | 1.5 |

$$y = 4.8111\text{E-}004 * x + 1.8108\text{E-}004$$

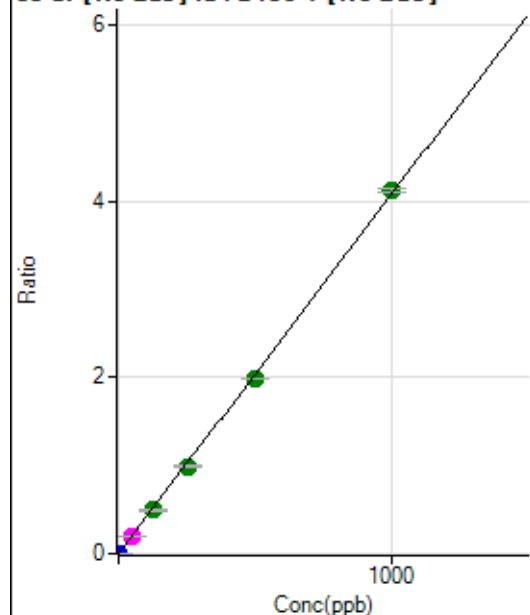
$$R = 1.0000$$

$$DL = 0.06931$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 80.56       | 0.0000 | P        | 50.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.765      | 21832.15    | 0.0031 | P        | 3.0  |
| 4 | <input type="checkbox"/> | 50.000   | 50.053     | 1376341.12  | 0.2042 | M        | 1.2  |
| 5 | <input type="checkbox"/> | 125.000  | 121.088    | 3473642.35  | 0.4941 | A        | 6.1  |
| 6 | <input type="checkbox"/> | 250.000  | 243.202    | 7002199.63  | 0.9923 | A        | 0.3  |
| 7 | <input type="checkbox"/> | 500.000  | 486.161    | 13966847.88 | 1.9837 | A        | 0.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 1009.105   | 28120571.46 | 4.1174 | A        | 1.0  |
| 9 | <input type="checkbox"/> |          |            | 98594.21    | 0.0147 | P        | 2.5  |

$$y = 0.0041 * x + 1.1675E-005$$

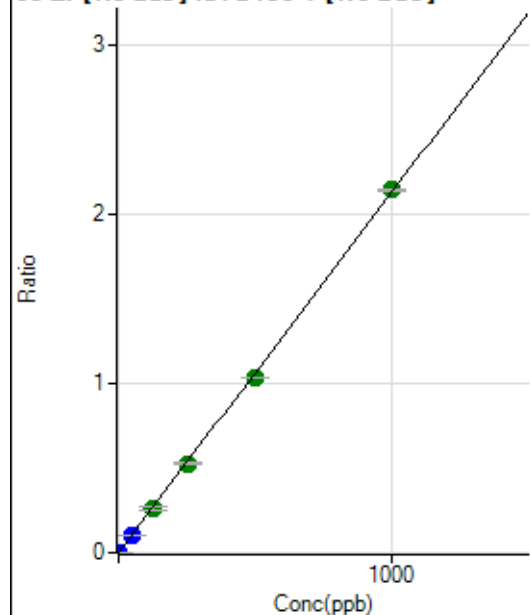
$$R = 0.9998$$

$$DL = 0.004336$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 433.36      | 0.0001 | P        | 16.7 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.883      | 13507.25    | 0.0019 | P        | 3.7  |
| 4 | <input type="checkbox"/> | 50.000   | 49.753     | 712358.49   | 0.1057 | P        | 1.0  |
| 5 | <input type="checkbox"/> | 125.000  | 122.447    | 1828213.10  | 0.2601 | A        | 6.5  |
| 6 | <input type="checkbox"/> | 250.000  | 247.985    | 3716017.58  | 0.5266 | A        | 0.9  |
| 7 | <input type="checkbox"/> | 500.000  | 485.842    | 7264631.59  | 1.0317 | A        | 0.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 1007.914   | 14618500.32 | 2.1403 | A        | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 3178.29     | 0.0005 | P        | 7.2  |

$$y = 0.0021 * x + 6.2960E-005$$

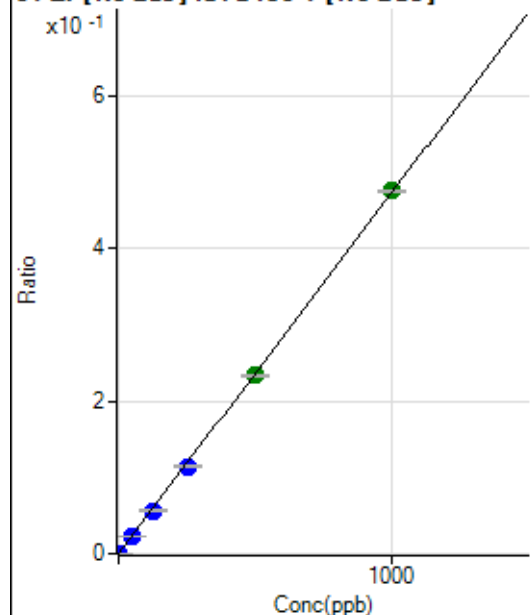
$$R = 0.9998$$

$$DL = 0.01481$$

Weight: &lt;None&gt;

Min Conc: 0



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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 86.11      | 0.0000 | P        | 39.8 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.906      | 3072.72    | 0.0004 | P        | 4.2  |
| 4 | <input type="checkbox"/> | 50.000   | 49.613     | 158033.42  | 0.0235 | P        | 1.6  |
| 5 | <input type="checkbox"/> | 125.000  | 119.846    | 398231.71  | 0.0566 | P        | 5.7  |
| 6 | <input type="checkbox"/> | 250.000  | 241.998    | 806827.68  | 0.1143 | P        | 1.1  |
| 7 | <input type="checkbox"/> | 500.000  | 493.939    | 1643168.88 | 0.2334 | A        | 0.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 1005.695   | 3245260.71 | 0.4752 | A        | 0.3  |
| 9 | <input type="checkbox"/> |          |            | 694.50     | 0.0001 | P        | 4.5  |

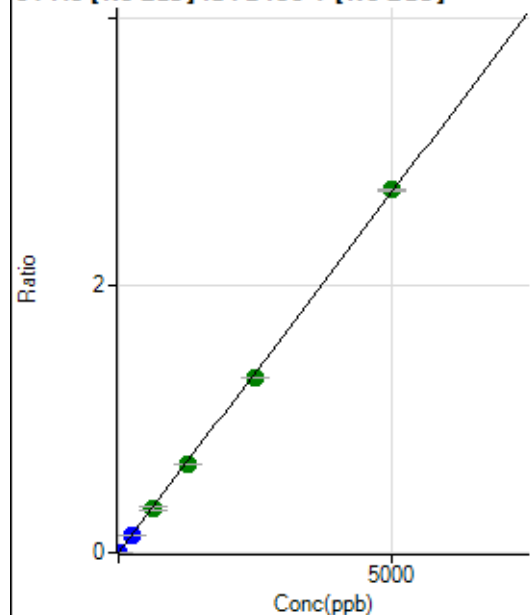
$$y = 4.7245\text{E-}004 * x + 1.2549\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.03171$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 188.90      | 0.0000 | P        | 26.9 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |          |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.330      | 16463.47    | 0.0024 | P        | 1.3  |
| 4 | <input type="checkbox"/> | 250.000  | 250.073    | 908278.49   | 0.1348 | P        | 0.5  |
| 5 | <input type="checkbox"/> | 625.000  | 616.186    | 2334013.14  | 0.3321 | A        | 6.7  |
| 6 | <input type="checkbox"/> | 1250.000 | 1229.080   | 4673483.09  | 0.6623 | A        | 0.0  |
| 7 | <input type="checkbox"/> | 2500.000 | 2436.744   | 9245382.50  | 1.3131 | A        | 0.3  |
| 8 | <input type="checkbox"/> | 5000.000 | 5037.957   | 18541146.25 | 2.7147 | A        | 0.2  |
| 9 | <input type="checkbox"/> |          |            | 5998.81     | 0.0009 | P        | 2.1  |

$$y = 5.3884\text{E-}004 * x + 2.7584\text{E-}005$$

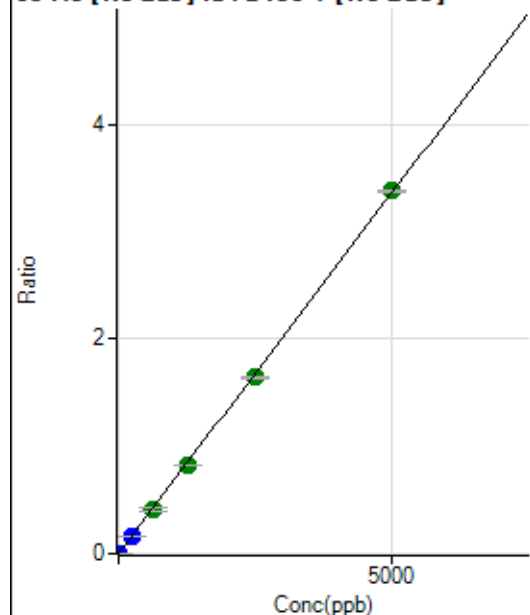
$$R = 0.9999$$

$$DL = 0.04124$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 138.90      | 0.0000 | P        | 41.6 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |          |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.361      | 20538.61    | 0.0029 | P        | 4.3  |
| 4 | <input type="checkbox"/> | 250.000  | 251.213    | 1136196.73  | 0.1686 | P        | 1.2  |
| 5 | <input type="checkbox"/> | 625.000  | 620.373    | 2926606.75  | 0.4163 | A        | 6.6  |
| 6 | <input type="checkbox"/> | 1250.000 | 1228.738   | 5818879.43  | 0.8246 | A        | 0.3  |
| 7 | <input type="checkbox"/> | 2500.000 | 2443.787   | 11547708.77 | 1.6400 | A        | 0.3  |
| 8 | <input type="checkbox"/> | 5000.000 | 5033.940   | 23072714.93 | 3.3783 | A        | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 8689.30     | 0.0013 | P        | 5.3  |

$$y = 6.7109E-004 * x + 2.0169E-005$$

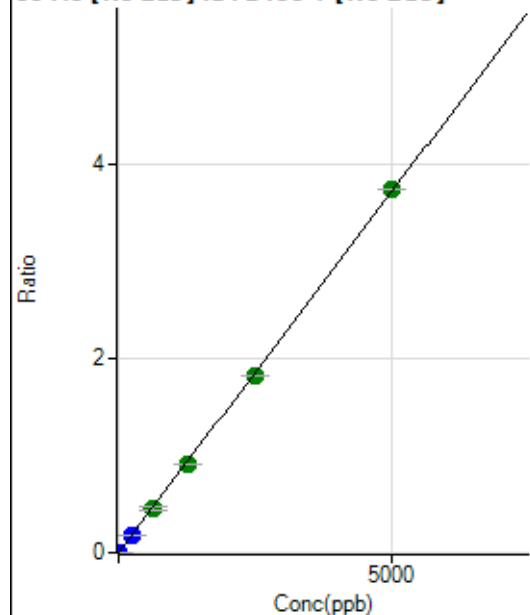
$$R = 0.9999$$

$$DL = 0.03747$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 172.23      | 0.0000 | P        | 24.5 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |          |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.360      | 22728.23    | 0.0033 | P        | 0.3  |
| 4 | <input type="checkbox"/> | 250.000  | 248.147    | 1240785.84  | 0.1841 | P        | 1.4  |
| 5 | <input type="checkbox"/> | 625.000  | 610.167    | 3181902.41  | 0.4527 | A        | 6.9  |
| 6 | <input type="checkbox"/> | 1250.000 | 1220.783   | 6391414.98  | 0.9058 | A        | 0.5  |
| 7 | <input type="checkbox"/> | 2500.000 | 2454.582   | 12822645.95 | 1.8211 | A        | 0.4  |
| 8 | <input type="checkbox"/> | 5000.000 | 5031.961   | 25498693.28 | 3.7334 | A        | 0.0  |
| 9 | <input type="checkbox"/> |          |            | 11333.06    | 0.0017 | P        | 3.0  |

$$y = 7.4192E-004 * x + 2.5137E-005$$

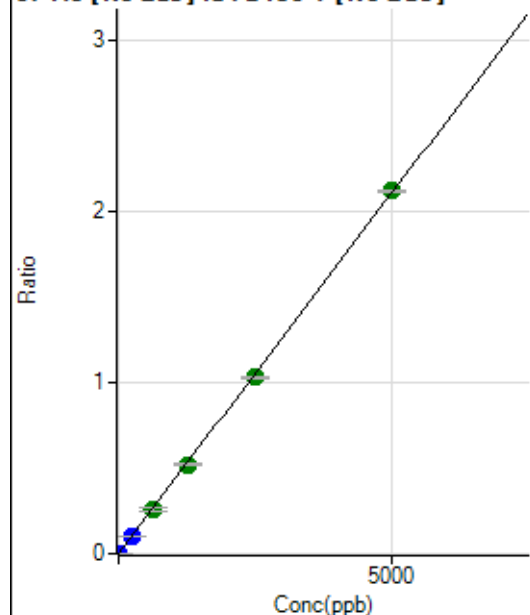
$$R = 0.9999$$

$$DL = 0.02489$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|-------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 77.78       | 0.0000 | P        | 7.7 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |          |     |
| 3 | <input type="checkbox"/> | 5.000    | 4.291      | 12686.98    | 0.0018 | P        | 1.6 |
| 4 | <input type="checkbox"/> | 250.000  | 247.493    | 702914.00   | 0.1043 | P        | 0.9 |
| 5 | <input type="checkbox"/> | 625.000  | 608.919    | 1803400.10  | 0.2566 | A        | 7.1 |
| 6 | <input type="checkbox"/> | 1250.000 | 1235.733   | 3674722.26  | 0.5208 | A        | 1.0 |
| 7 | <input type="checkbox"/> | 2500.000 | 2443.332   | 7249406.76  | 1.0297 | A        | 1.4 |
| 8 | <input type="checkbox"/> | 5000.000 | 5034.037   | 14489010.57 | 2.1214 | A        | 0.4 |
| 9 | <input type="checkbox"/> |          |            | 5292.92     | 0.0008 | P        | 4.0 |

$$y = 4.2141\text{E-}004 * x + 1.1331\text{E-}005$$

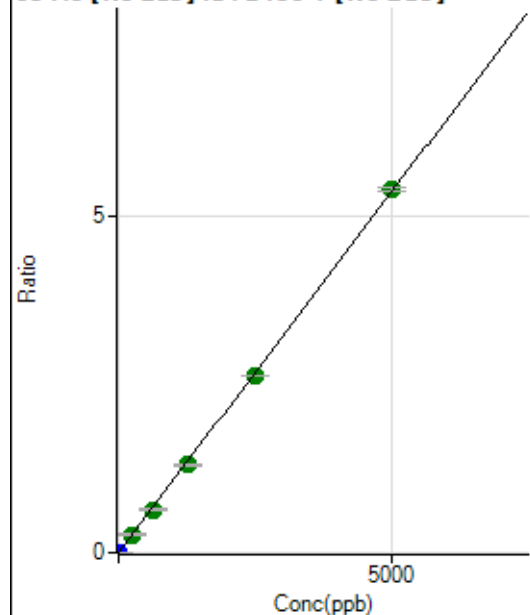
$$R = 0.9999$$

$$DL = 0.006191$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 147.23      | 0.0000 | P        | 26.7 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |          |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.319      | 32406.70    | 0.0046 | P        | 1.4  |
| 4 | <input type="checkbox"/> | 250.000  | 251.634    | 1816731.37  | 0.2696 | A        | 2.2  |
| 5 | <input type="checkbox"/> | 625.000  | 598.176    | 4504251.05  | 0.6409 | A        | 7.0  |
| 6 | <input type="checkbox"/> | 1250.000 | 1216.651   | 9198496.91  | 1.3035 | A        | 1.3  |
| 7 | <input type="checkbox"/> | 2500.000 | 2458.338   | 18544747.81 | 2.6338 | A        | 0.6  |
| 8 | <input type="checkbox"/> | 5000.000 | 5032.440   | 36823297.00 | 5.3917 | A        | 1.0  |
| 9 | <input type="checkbox"/> |          |            | 13145.79    | 0.0020 | P        | 1.7  |

$$y = 0.0011 * x + 2.1379\text{E-}005$$

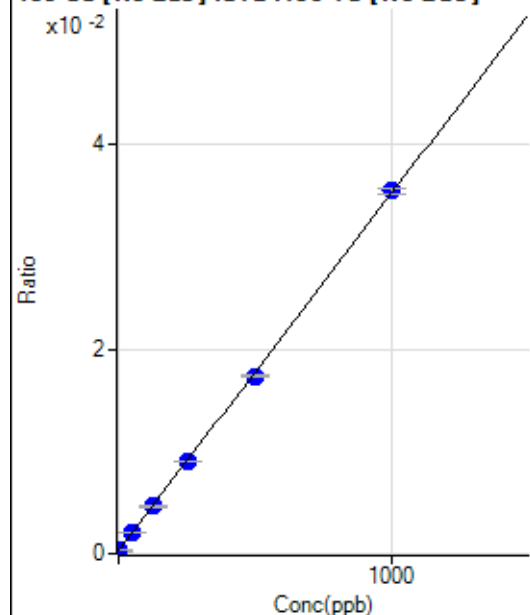
$$R = 0.9999$$

$$DL = 0.016$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 2016.92   | 0.0003 | P   | 15.0 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.648      | 2211.41   | 0.0003 | P   | 5.1  |
| 4 | <input type="checkbox"/> | 50.000   | 49.715     | 13754.81  | 0.0020 | P   | 1.3  |
| 5 | <input type="checkbox"/> | 125.000  | 123.915    | 32429.06  | 0.0046 | P   | 5.9  |
| 6 | <input type="checkbox"/> | 250.000  | 248.251    | 63475.10  | 0.0090 | P   | 0.6  |
| 7 | <input type="checkbox"/> | 500.000  | 488.060    | 123652.56 | 0.0174 | P   | 0.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 1006.558   | 244621.41 | 0.0355 | P   | 1.5  |
| 9 | <input type="checkbox"/> |          |            | 2091.93   | 0.0003 | P   | 3.1  |

$$y = 3.4970\text{E-}005 * x + 2.9816\text{E-}004$$

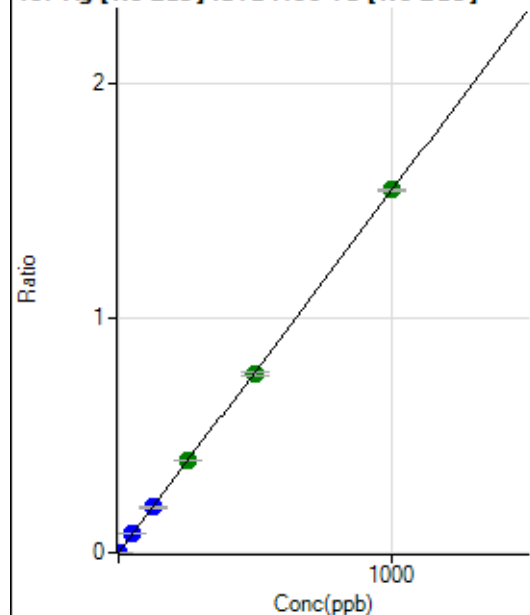
$$R = 0.9999$$

$$DL = 3.826$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 161.12      | 0.0000 | P   | 12.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.957      | 10348.85    | 0.0015 | P   | 3.1  |
| 4 | <input type="checkbox"/> | 50.000   | 51.490     | 537059.83   | 0.0795 | P   | 1.7  |
| 5 | <input type="checkbox"/> | 125.000  | 125.849    | 1360818.89  | 0.1943 | P   | 5.6  |
| 6 | <input type="checkbox"/> | 250.000  | 256.788    | 2802948.26  | 0.3965 | A   | 0.3  |
| 7 | <input type="checkbox"/> | 500.000  | 492.001    | 5408271.09  | 0.7596 | A   | 1.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.122   | 10662939.39 | 1.5473 | A   | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 1377.91     | 0.0002 | P   | 6.8  |

$$y = 0.0015 * x + 2.3851\text{E-}005$$

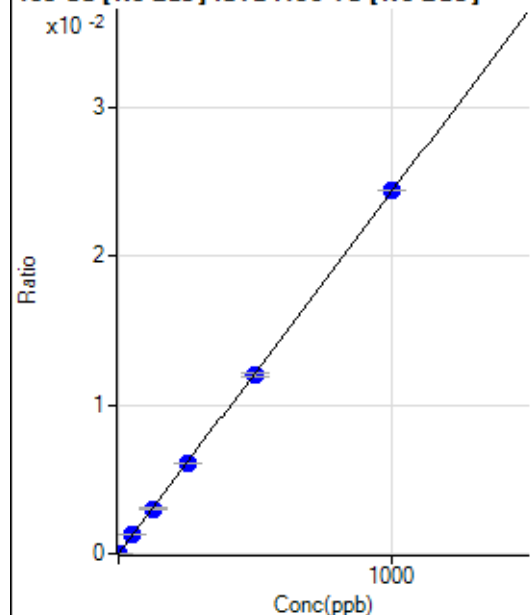
$$R = 0.9999$$

$$DL = 0.00571$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 18.06     | 0.0000 | P    | 14.0 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.721      | 138.89    | 0.0000 | P    | 12.2 |
| 4 | <input type="checkbox"/> | 50.000   | 51.137     | 8398.61   | 0.0012 | P    | 1.3  |
| 5 | <input type="checkbox"/> | 125.000  | 123.748    | 21039.02  | 0.0030 | P    | 6.6  |
| 6 | <input type="checkbox"/> | 250.000  | 249.720    | 42851.51  | 0.0061 | P    | 0.8  |
| 7 | <input type="checkbox"/> | 500.000  | 493.890    | 85340.57  | 0.0120 | P    | 1.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 1003.225   | 167778.96 | 0.0243 | P    | 0.2  |
| 9 | <input type="checkbox"/> |          |            | 25.00     | 0.0000 | P    | 45.9 |

$$y = 2.4264\text{E-}005 * x + 2.6712\text{E-}006$$

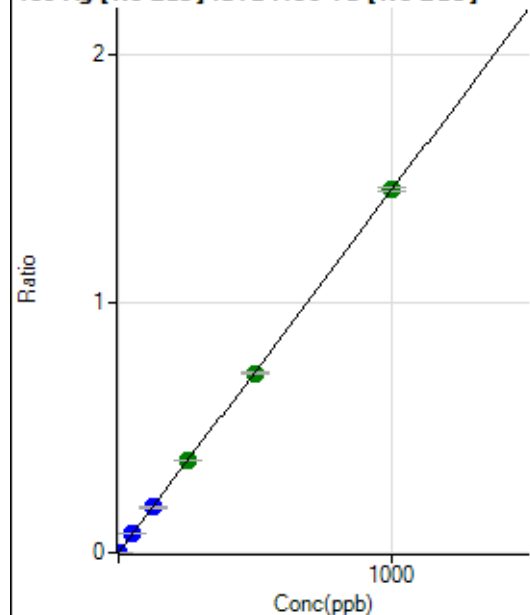
$$R = 1.0000$$

$$DL = 0.04632$$

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      | 108.34      | 0.0000 | P    | 12.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.991      | 10031.93    | 0.0015 | P    | 2.3  |
| 4 | <input type="checkbox"/> | 50.000   | 51.387     | 504352.41   | 0.0747 | P    | 1.9  |
| 5 | <input type="checkbox"/> | 125.000  | 124.957    | 1271796.77  | 0.1816 | P    | 5.1  |
| 6 | <input type="checkbox"/> | 250.000  | 256.196    | 2631622.28  | 0.3723 | A    | 0.3  |
| 7 | <input type="checkbox"/> | 500.000  | 494.516    | 5115890.92  | 0.7186 | A    | 1.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.129   | 10024698.57 | 1.4547 | A    | 1.1  |
| 9 | <input type="checkbox"/> |          |            | 1272.34     | 0.0002 | P    | 6.4  |

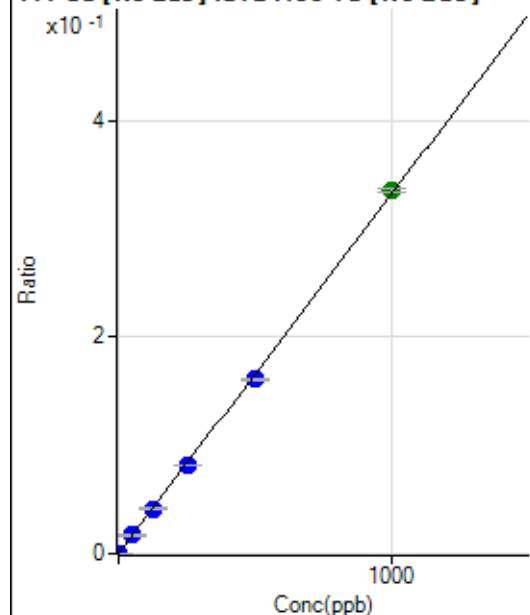
$$y = 0.0015 * x + 1.6009\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.004254$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1422.81    | 0.0002 | P   | 14.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.867      | 3434.29    | 0.0005 | P   | 4.8  |
| 4 | <input type="checkbox"/> | 50.000   | 50.389     | 114440.14  | 0.0169 | P   | 1.9  |
| 5 | <input type="checkbox"/> | 125.000  | 123.436    | 288560.85  | 0.0412 | P   | 5.6  |
| 6 | <input type="checkbox"/> | 250.000  | 245.149    | 577054.04  | 0.0816 | P   | 0.8  |
| 7 | <input type="checkbox"/> | 500.000  | 484.469    | 1147151.98 | 0.1611 | P   | 0.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 1009.154   | 2311199.63 | 0.3354 | A   | 1.2  |
| 9 | <input type="checkbox"/> |          |            | 1559.36    | 0.0002 | P   | 3.3  |

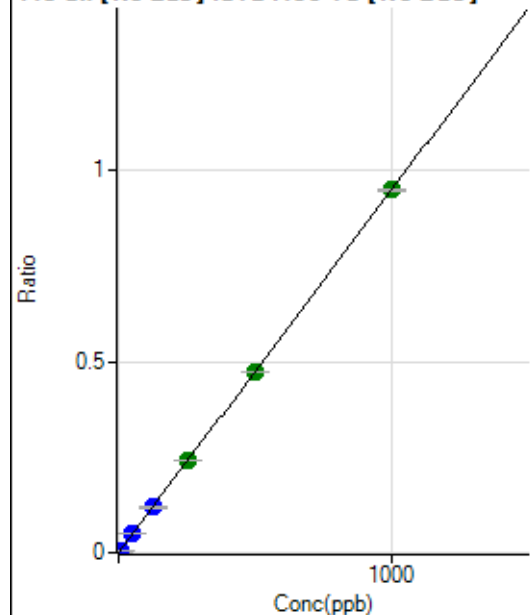
$$y = 3.3213\text{E-}004 * x + 2.1034\text{E-}004$$

$$R = 0.9998$$

$$DL = 0.2781$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 563.93     | 0.0001 | P   | 3.8 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |     |     |
| 3 | <input type="checkbox"/> | 5.000    | 4.676      | 31142.86   | 0.0045 | P   | 1.4 |
| 4 | <input type="checkbox"/> | 50.000   | 50.607     | 324736.53  | 0.0481 | P   | 1.2 |
| 5 | <input type="checkbox"/> | 125.000  | 124.538    | 827691.71  | 0.1182 | P   | 5.8 |
| 6 | <input type="checkbox"/> | 250.000  | 253.501    | 1700167.70 | 0.2405 | A   | 1.4 |
| 7 | <input type="checkbox"/> | 500.000  | 497.949    | 3363450.03 | 0.4724 | A   | 0.2 |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.179   | 6538208.00 | 0.9487 | A   | 0.5 |
| 9 | <input type="checkbox"/> |          |            | 3447.84    | 0.0005 | P   | 1.5 |

$$y = 9.4848\text{E-}004 * x + 8.3337\text{E-}005$$

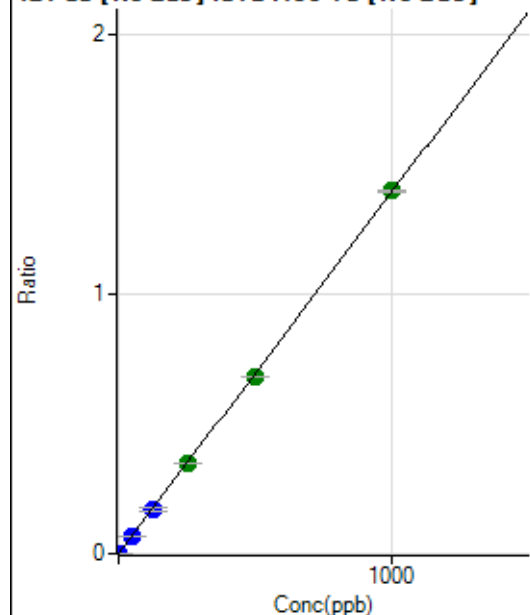
$$R = 1.0000$$

$$DL = 0.009963$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 113.90     | 0.0000 | P        | 36.6 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |        |          |      |
| 3 | <input type="checkbox"/> | 2.000    | 1.720      | 16619.34   | 0.0024 | P        | 1.1  |
| 4 | <input type="checkbox"/> | 50.000   | 49.910     | 469186.95  | 0.0695 | P        | 2.0  |
| 5 | <input type="checkbox"/> | 125.000  | 122.658    | 1195578.78 | 0.1707 | P        | 5.3  |
| 6 | <input type="checkbox"/> | 250.000  | 250.981    | 2469279.31 | 0.3493 | A        | 1.1  |
| 7 | <input type="checkbox"/> | 500.000  | 490.958    | 4865318.25 | 0.6833 | A        | 0.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 1004.573   | 9634748.83 | 1.3981 | A        | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 10988.32   | 0.0017 | P        | 6.3  |

$$y = 0.0014 * x + 1.6797E-005$$

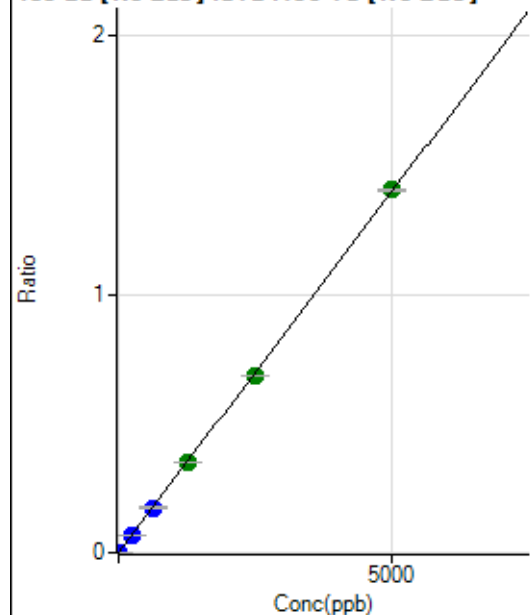
$$R = 0.9999$$

$$DL = 0.01324$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 75.01      | 0.0000 | P        | 23.6 |
| 2 | <input type="checkbox"/> | 1.000    |            |            |        |          |      |
| 3 | <input type="checkbox"/> | 10.000   | 9.079      | 17559.63   | 0.0025 | P        | 0.2  |
| 4 | <input type="checkbox"/> | 250.000  | 249.400    | 470581.34  | 0.0697 | P        | 1.7  |
| 5 | <input type="checkbox"/> | 625.000  | 616.520    | 1206115.45 | 0.1722 | P        | 5.5  |
| 6 | <input type="checkbox"/> | 1250.000 | 1251.372   | 2471157.74 | 0.3496 | A        | 0.8  |
| 7 | <input type="checkbox"/> | 2500.000 | 2448.447   | 4870095.85 | 0.6840 | A        | 0.4  |
| 8 | <input type="checkbox"/> | 5000.000 | 5026.525   | 9676948.13 | 1.4042 | A        | 0.3  |
| 9 | <input type="checkbox"/> |          |            | 833.40     | 0.0001 | P        | 10.9 |

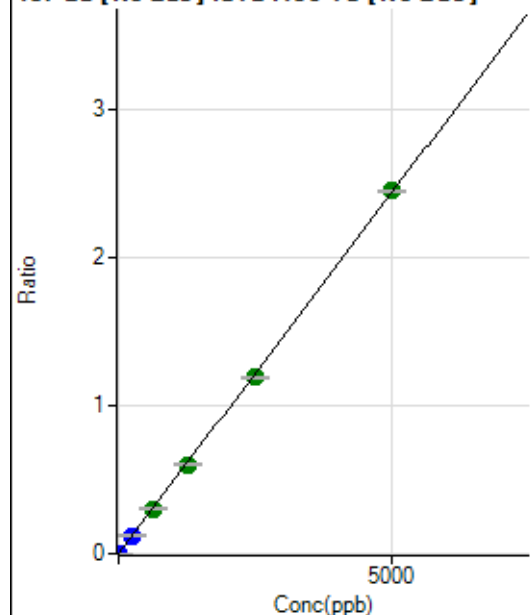
$$y = 2.7935E-004 * x + 1.1115E-005$$

$$R = 0.9999$$

$$DL = 0.02821$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 116.67      | 0.0000 | P        | 29.1 |
| 2 | <input type="checkbox"/> | 1.000    |            |             |        |          |      |
| 3 | <input type="checkbox"/> | 10.000   | 9.078      | 30653.25    | 0.0044 | P        | 1.2  |
| 4 | <input type="checkbox"/> | 250.000  | 251.458    | 828839.89   | 0.1227 | P        | 2.1  |
| 5 | <input type="checkbox"/> | 625.000  | 624.201    | 2134362.22  | 0.3046 | A        | 3.9  |
| 6 | <input type="checkbox"/> | 1250.000 | 1238.457   | 4272481.91  | 0.6044 | A        | 0.6  |
| 7 | <input type="checkbox"/> | 2500.000 | 2443.235   | 8489568.24  | 1.1923 | A        | 0.4  |
| 8 | <input type="checkbox"/> | 5000.000 | 5031.297   | 16921053.68 | 2.4553 | A        | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 1469.60     | 0.0002 | P        | 5.1  |

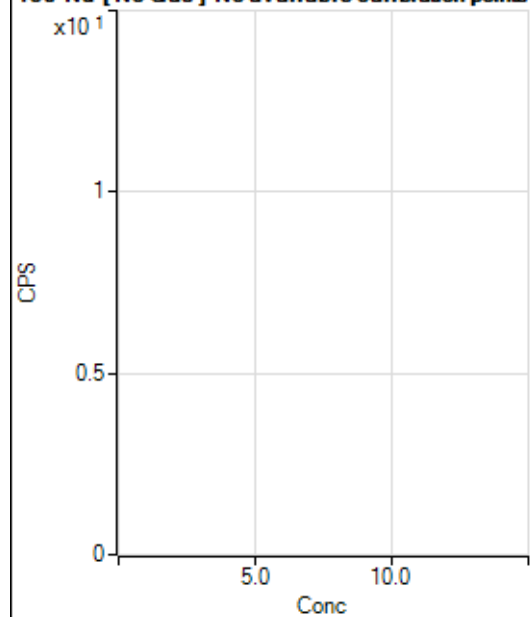
$$y = 4.8801E-004 * x + 1.7259E-005$$

$$R = 0.9999$$

$$DL = 0.03089$$

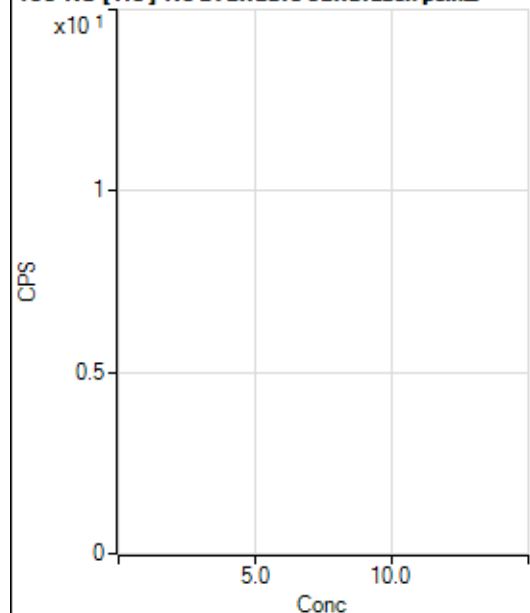
Weight: &lt;None&gt;

Min Conc: 0

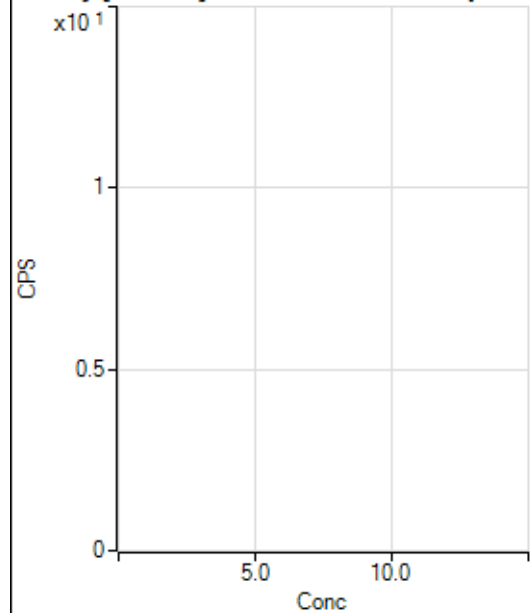
**150 Nd [No Gas] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 8.89   |       | P        | 43.3 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 13.34  |       | P        | 86.6 |
| 4 | <input type="checkbox"/> |       |            | 20.00  |       | P        | 88.2 |
| 5 | <input type="checkbox"/> |       |            | 64.45  |       | P        | 23.9 |
| 6 | <input type="checkbox"/> |       |            | 175.57 |       | P        | 4.4  |
| 7 | <input type="checkbox"/> |       |            | 255.57 |       | P        | 21.2 |
| 8 | <input type="checkbox"/> |       |            | 420.02 |       | P        | 5.7  |
| 9 | <input type="checkbox"/> |       |            | 142.23 |       | P        | 23.1 |

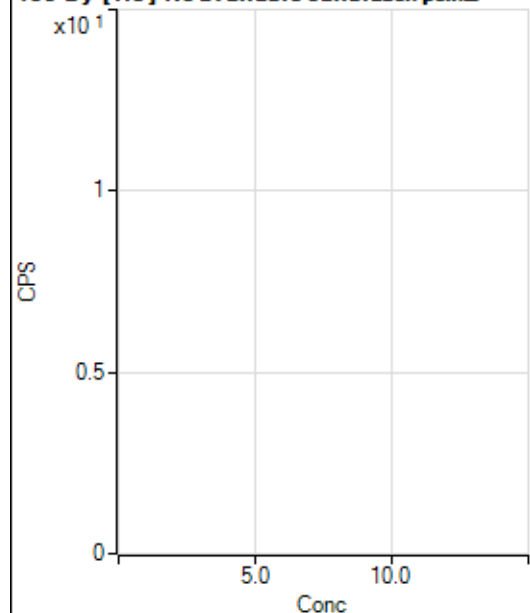


**150 Nd [He] No available calibration points**

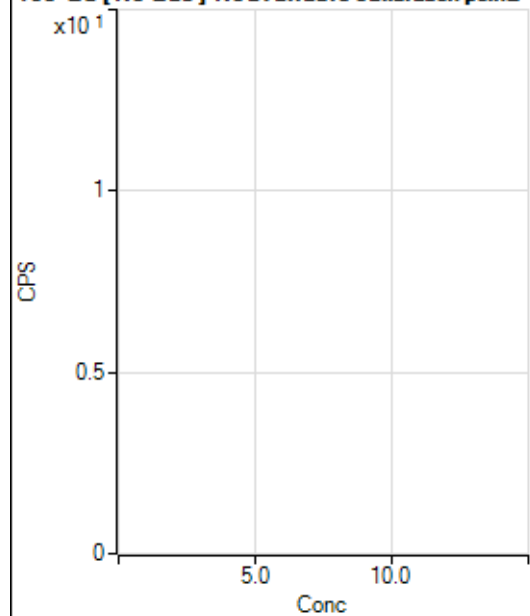
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 0.00  |       | P        |      |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 0.00  |       | P        |      |
| 4 | <input type="checkbox"/> |       |            | 0.00  |       | P        |      |
| 5 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173. |
| 6 | <input type="checkbox"/> |       |            | 10.00 |       | P        | 120. |
| 7 | <input type="checkbox"/> |       |            | 15.55 |       | P        | 68.9 |
| 8 | <input type="checkbox"/> |       |            | 15.56 |       | P        | 53.9 |
| 9 | <input type="checkbox"/> |       |            | 31.11 |       | P        | 24.7 |

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

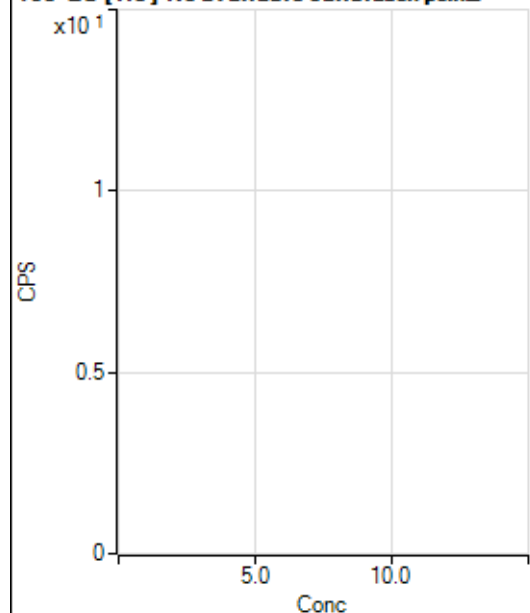
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 16.67  |       | P        | 50.0 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 16.67  |       | P        | 50.0 |
| 4 | <input type="checkbox"/> |       |            | 27.78  |       | P        | 17.3 |
| 5 | <input type="checkbox"/> |       |            | 36.11  |       | P        | 35.3 |
| 6 | <input type="checkbox"/> |       |            | 66.67  |       | P        | 33.1 |
| 7 | <input type="checkbox"/> |       |            | 80.56  |       | P        | 31.6 |
| 8 | <input type="checkbox"/> |       |            | 125.01 |       | P        | 17.6 |
| 9 | <input type="checkbox"/> |       |            | 97.23  |       | P        | 35.7 |

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

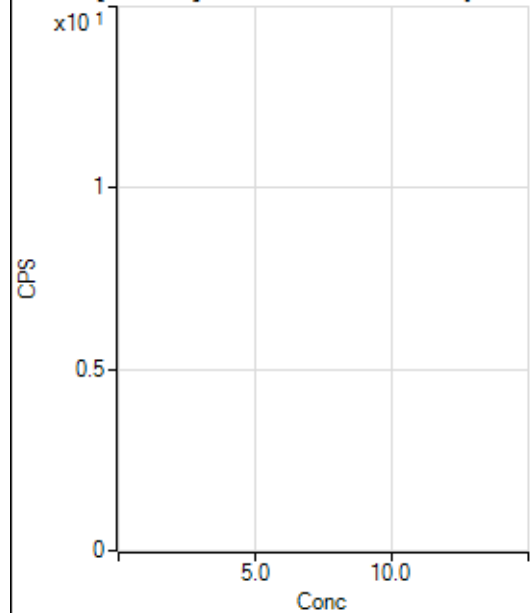
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173. |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173. |
| 4 | <input type="checkbox"/> |       |            | 2.22  |       | P        | 86.6 |
| 5 | <input type="checkbox"/> |       |            | 3.33  |       | P        | 100. |
| 6 | <input type="checkbox"/> |       |            | 4.44  |       | P        | 114. |
| 7 | <input type="checkbox"/> |       |            | 7.78  |       | P        | 24.7 |
| 8 | <input type="checkbox"/> |       |            | 8.89  |       | P        | 57.3 |
| 9 | <input type="checkbox"/> |       |            | 17.78 |       | P        | 84.6 |

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

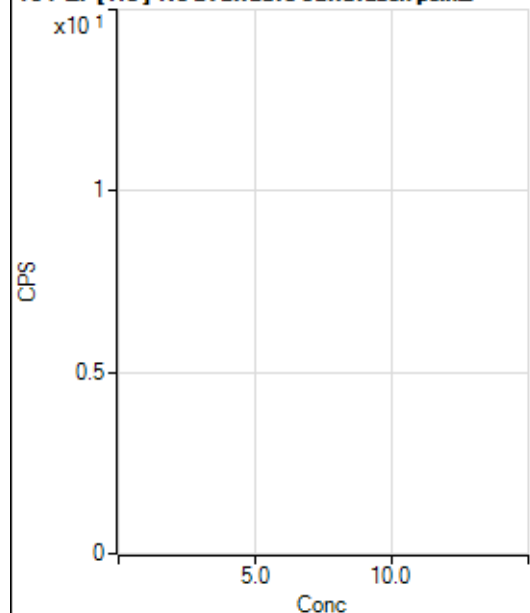
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 69.45  |       | P        | 36.7 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 61.11  |       | P        | 15.7 |
| 4 | <input type="checkbox"/> |       |            | 77.78  |       | P        | 27.0 |
| 5 | <input type="checkbox"/> |       |            | 61.11  |       | P        | 43.8 |
| 6 | <input type="checkbox"/> |       |            | 86.11  |       | P        | 61.5 |
| 7 | <input type="checkbox"/> |       |            | 69.45  |       | P        | 25.0 |
| 8 | <input type="checkbox"/> |       |            | 113.89 |       | P        | 18.4 |
| 9 | <input type="checkbox"/> |       |            | 166.68 |       | P        | 43.6 |

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

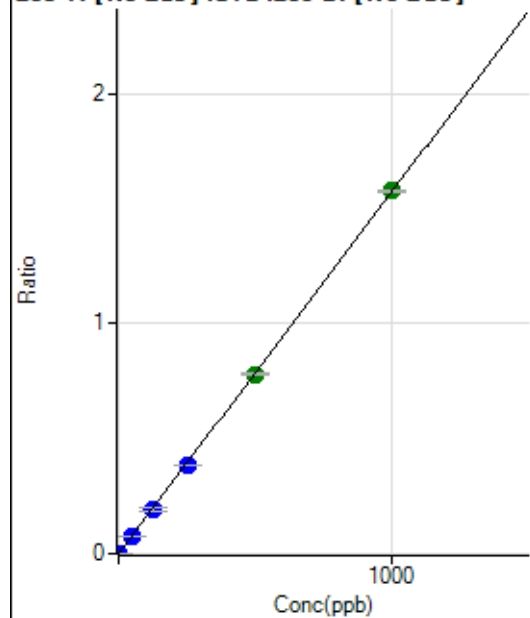
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 6.67  |       | P        | 0.0  |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 11.11 |       | P        | 96.4 |
| 4 | <input type="checkbox"/> |       |            | 8.89  |       | P        | 21.6 |
| 5 | <input type="checkbox"/> |       |            | 10.00 |       | P        | 33.3 |
| 6 | <input type="checkbox"/> |       |            | 22.22 |       | P        | 22.9 |
| 7 | <input type="checkbox"/> |       |            | 23.34 |       | P        | 24.7 |
| 8 | <input type="checkbox"/> |       |            | 13.34 |       | P        | 43.3 |
| 9 | <input type="checkbox"/> |       |            | 35.56 |       | P        | 14.3 |

**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        | 45.8 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 16.67 |       | P        | 50.0 |
| 4 | <input type="checkbox"/> |       |            | 22.22 |       | P        | 21.6 |
| 5 | <input type="checkbox"/> |       |            | 25.00 |       | P        | 33.3 |
| 6 | <input type="checkbox"/> |       |            | 33.34 |       | P        | 66.1 |
| 7 | <input type="checkbox"/> |       |            | 52.78 |       | P        | 32.9 |
| 8 | <input type="checkbox"/> |       |            | 27.78 |       | P        | 45.8 |
| 9 | <input type="checkbox"/> |       |            | 33.34 |       | P        | 43.3 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 6.67  |       | P        | 100. |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 2.22  |       | P        | 86.6 |
| 4 | <input type="checkbox"/> |       |            | 11.11 |       | P        | 45.8 |
| 5 | <input type="checkbox"/> |       |            | 6.67  |       | P        | 0.0  |
| 6 | <input type="checkbox"/> |       |            | 7.78  |       | P        | 89.2 |
| 7 | <input type="checkbox"/> |       |            | 8.89  |       | P        | 142. |
| 8 | <input type="checkbox"/> |       |            | 2.22  |       | P        | 86.6 |
| 9 | <input type="checkbox"/> |       |            | 13.33 |       | P        | 25.0 |

**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      | 127.79     | 0.0000 | P        | 25.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.829      | 5276.34    | 0.0013 | P        | 5.5  |
| 4 | <input type="checkbox"/> | 50.000   | 49.363     | 297529.64  | 0.0775 | P        | 2.4  |
| 5 | <input type="checkbox"/> | 125.000  | 121.718    | 768104.34  | 0.1911 | P        | 6.7  |
| 6 | <input type="checkbox"/> | 250.000  | 243.492    | 1560243.44 | 0.3823 | P        | 0.3  |
| 7 | <input type="checkbox"/> | 500.000  | 496.972    | 3135430.95 | 0.7803 | A        | 0.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 1003.583   | 6081779.13 | 1.5757 | A        | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 427.80     | 0.0001 | P        | 21.4 |

$$y = 0.0016 * x + 3.2626E-005$$

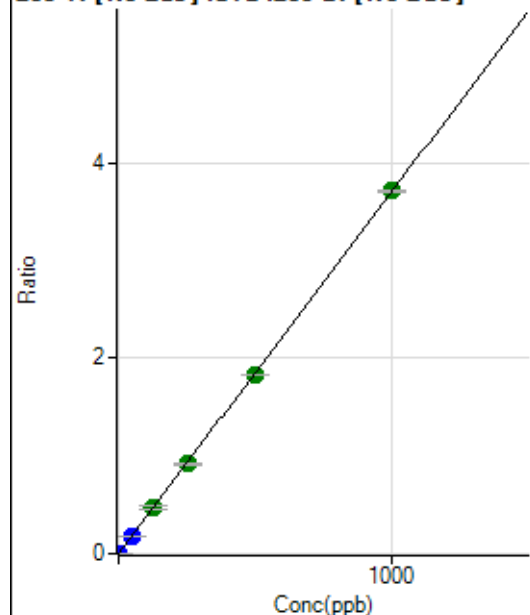
$$R = 1.0000$$

$$DL = 0.01582$$

Weight: <None>

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      | 236.13      | 0.0001 | P        | 11.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.866      | 12915.48    | 0.0033 | P        | 2.2  |
| 4 | <input type="checkbox"/> | 50.000   | 49.805     | 707205.21   | 0.1843 | P        | 1.6  |
| 5 | <input type="checkbox"/> | 125.000  | 125.515    | 1864966.17  | 0.4643 | A        | 7.8  |
| 6 | <input type="checkbox"/> | 250.000  | 248.999    | 3758516.84  | 0.9211 | A        | 1.6  |
| 7 | <input type="checkbox"/> | 500.000  | 493.647    | 7337433.06  | 1.8261 | A        | 0.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 1003.372   | 14325045.46 | 3.7116 | A        | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 1102.88     | 0.0003 | P        | 3.5  |

$$y = 0.0037 * x + 6.0240E-005$$

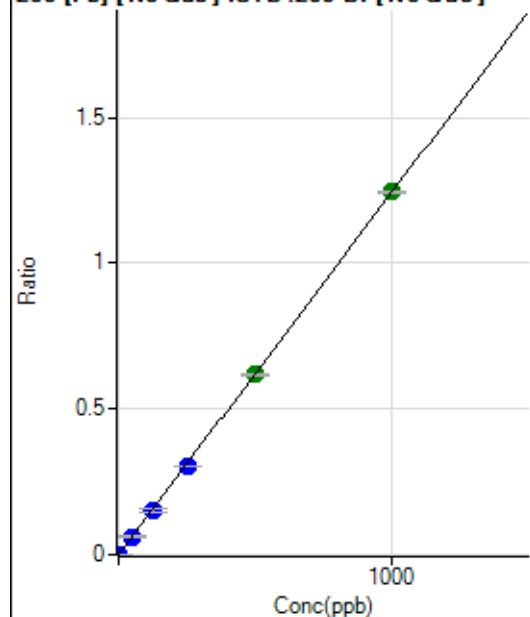
$$R = 1.0000$$

$$DL = 0.005649$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 342.61     | 0.0001 | P        | 12.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.873      | 4632.46    | 0.0012 | P        | 2.7  |
| 4 | <input type="checkbox"/> | 50.000   | 50.167     | 239134.31  | 0.0623 | P        | 2.5  |
| 5 | <input type="checkbox"/> | 125.000  | 121.964    | 608122.03  | 0.1514 | P        | 7.5  |
| 6 | <input type="checkbox"/> | 250.000  | 244.993    | 1240556.48 | 0.3040 | P        | 1.1  |
| 7 | <input type="checkbox"/> | 500.000  | 497.777    | 2481543.66 | 0.6176 | A        | 1.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.735   | 4801510.81 | 1.2440 | A        | 0.9  |
| 9 | <input type="checkbox"/> |          |            | 7333.83    | 0.0021 | P        | 1.2  |

$$y = 0.0012 * x + 8.7387E-005$$

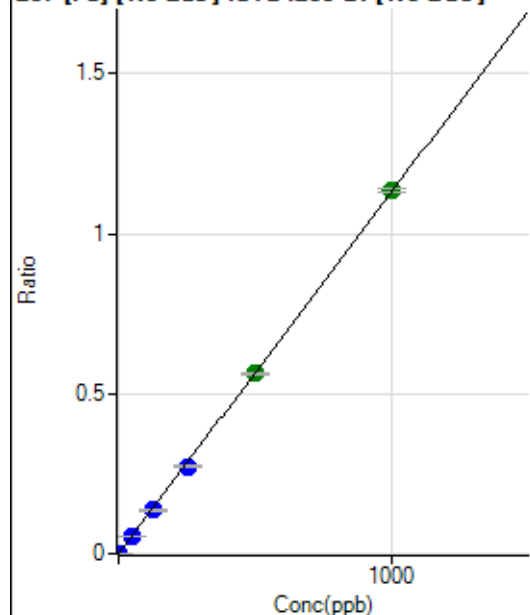
$$R = 1.0000$$

$$DL = 0.02593$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 387.06     | 0.0001 | P        | 10.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.846      | 4173.05    | 0.0011 | P        | 1.7  |
| 4 | <input type="checkbox"/> | 50.000   | 49.000     | 212887.95  | 0.0555 | P        | 2.1  |
| 5 | <input type="checkbox"/> | 125.000  | 120.140    | 545991.12  | 0.1359 | P        | 6.8  |
| 6 | <input type="checkbox"/> | 250.000  | 241.245    | 1113021.84 | 0.2728 | P        | 1.3  |
| 7 | <input type="checkbox"/> | 500.000  | 498.898    | 2266107.92 | 0.5640 | A        | 0.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 1003.397   | 4377331.72 | 1.1341 | A        | 1.1  |
| 9 | <input type="checkbox"/> |          |            | 6501.87    | 0.0019 | P        | 4.8  |

$$y = 0.0011 * x + 9.8719E-005$$

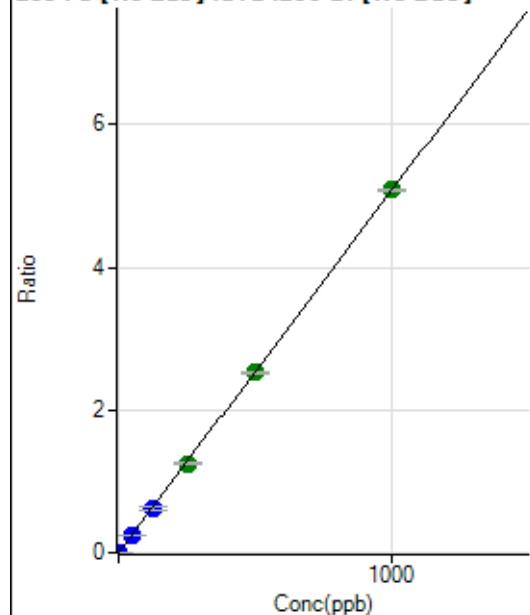
$$R = 1.0000$$

$$DL = 0.02641$$

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      | 1559.35     | 0.0004 | P        | 4.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |          |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.863      | 18872.79    | 0.0048 | P        | 1.1 |
| 4 | <input type="checkbox"/> | 50.000   | 49.259     | 959859.82   | 0.2501 | P        | 1.6 |
| 5 | <input type="checkbox"/> | 125.000  | 120.784    | 2461885.01  | 0.6127 | P        | 7.0 |
| 6 | <input type="checkbox"/> | 250.000  | 245.606    | 5082697.85  | 1.2456 | A        | 1.3 |
| 7 | <input type="checkbox"/> | 500.000  | 497.861    | 10143740.36 | 2.5245 | A        | 0.6 |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.732   | 19622382.24 | 5.0840 | A        | 0.7 |
| 9 | <input type="checkbox"/> |          |            | 28909.88    | 0.0083 | P        | 1.0 |

$$y = 0.0051 * x + 3.9764E-004$$

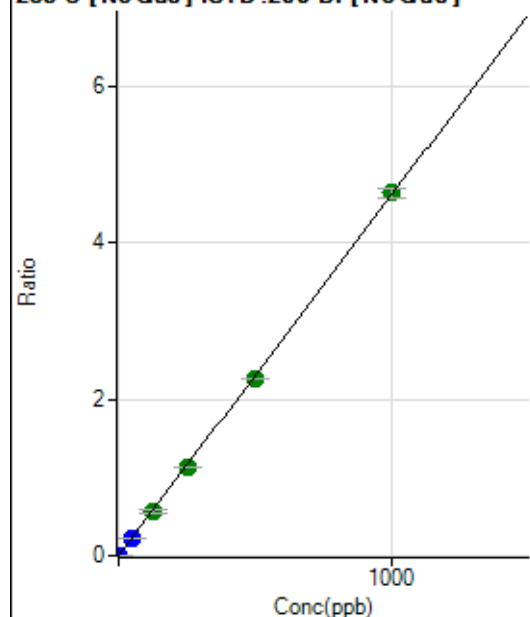
$$R = 1.0000$$

$$DL = 0.01074$$

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      | 363.91      | 0.0001 | P        | 16.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.847      | 15799.63    | 0.0040 | P        | 4.1  |
| 4 | <input type="checkbox"/> | 50.000   | 48.588     | 858964.27   | 0.2238 | P        | 1.4  |
| 5 | <input type="checkbox"/> | 125.000  | 122.615    | 2270288.40  | 0.5647 | A        | 5.7  |
| 6 | <input type="checkbox"/> | 250.000  | 245.372    | 4611338.73  | 1.1300 | A        | 0.9  |
| 7 | <input type="checkbox"/> | 500.000  | 491.558    | 9095766.09  | 2.2637 | A        | 0.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 1005.747   | 17874104.57 | 4.6315 | A        | 2.3  |
| 9 | <input type="checkbox"/> |          |            | 436.14      | 0.0001 | P        | 10.8 |

$$y = 0.0046 * x + 9.2704E-005$$

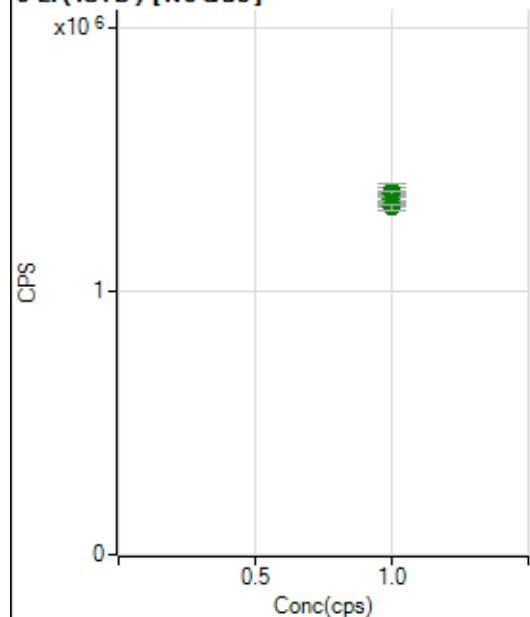
$$R = 0.9999$$

$$DL = 0.009914$$

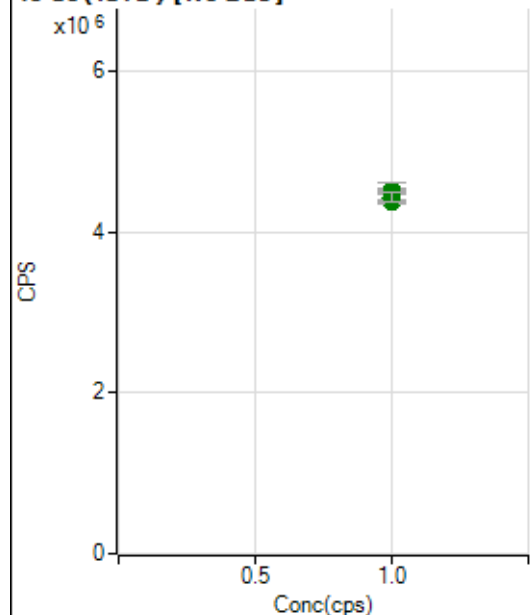
Weight: &lt;None&gt;

Min Conc: 0

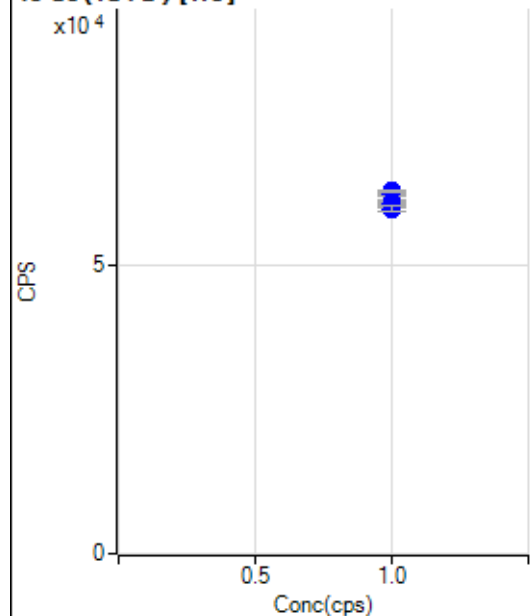
6 Li (ISTD) [No Gas]



|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1376135.52 |       | A        | 2.0 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1376048.58 |       | A        | 0.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1348873.72 |       | A        | 1.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1376406.03 |       | A        | 4.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1368016.15 |       | A        | 1.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1338515.38 |       | A        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1321453.41 |       | A        | 0.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1319090.34 |       | A        | 1.5 |

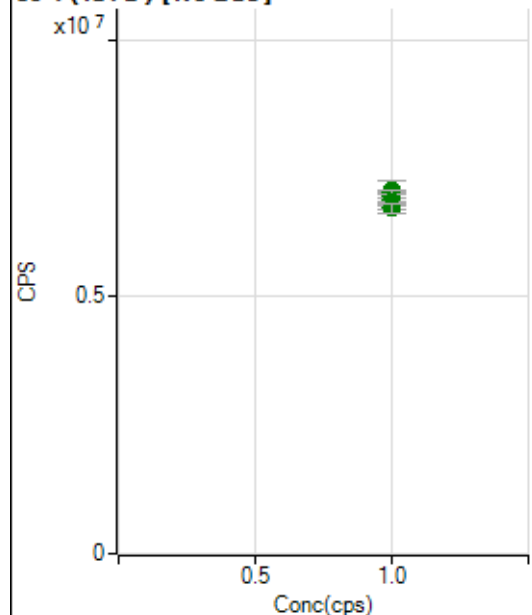
**45 Sc (ISTD) [No Gas]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4511682.44 |       | A        | 1.6 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 4498716.38 |       | A        | 0.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4378911.30 |       | A        | 1.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4477004.35 |       | A        | 6.0 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4494762.86 |       | A        | 0.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4495188.60 |       | A        | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4376251.88 |       | A        | 0.7 |
| 9 | <input type="checkbox"/> | 1.000 |            | 4435453.40 |       | A        | 2.4 |

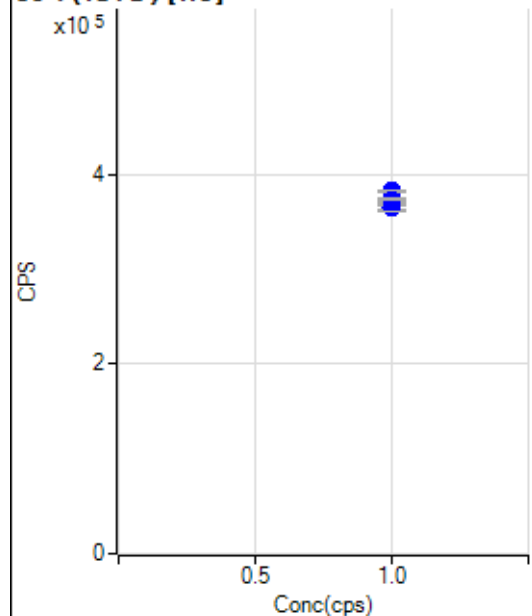
**45 Sc (ISTD) [He]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS      | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 62576.42 |       | P        | 1.1 |
| 2 | <input type="checkbox"/> | 1.000 |            |          |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 60735.16 |       | P        | 0.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 59515.37 |       | P        | 1.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 60361.37 |       | P        | 1.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 60053.29 |       | P        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 59632.77 |       | P        | 1.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 62160.09 |       | P        | 1.1 |
| 9 | <input type="checkbox"/> | 1.000 |            | 62685.62 |       | P        | 0.4 |

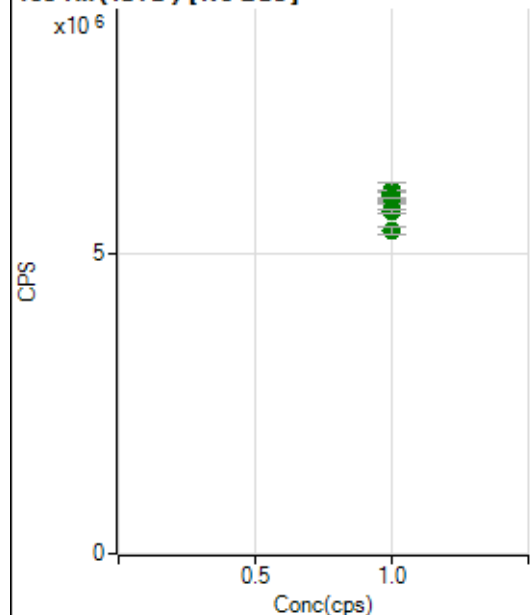


**89 Y (ISTD) [No Gas]**

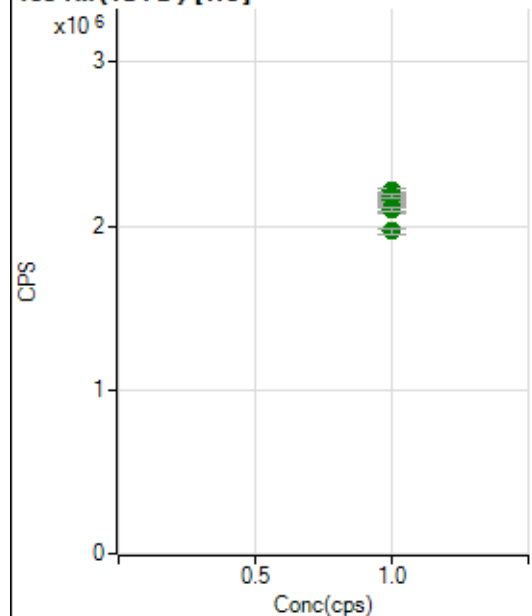
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6869487.47 |       | A        | 1.8 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 6972452.81 |       | A        | 1.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6739304.83 |       | A        | 1.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 7047433.44 |       | A        | 5.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 7056347.74 |       | A        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 7041198.71 |       | A        | 0.9 |
| 8 | <input type="checkbox"/> | 1.000 |            | 6829966.36 |       | A        | 0.7 |
| 9 | <input type="checkbox"/> | 1.000 |            | 6725863.02 |       | A        | 2.7 |

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

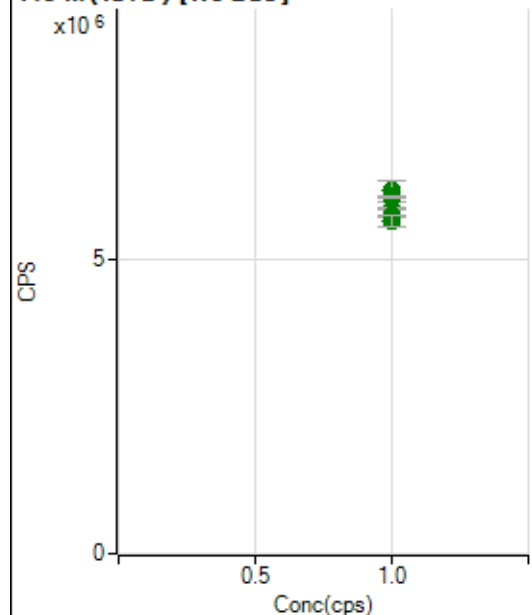
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 382895.75 |       | P        | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |           |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 370205.15 |       | P        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 366850.12 |       | P        | 1.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 369975.49 |       | P        | 1.0 |
| 6 | <input type="checkbox"/> | 1.000 |            | 374137.53 |       | P        | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 365035.13 |       | P        | 1.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 371064.24 |       | P        | 0.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 374412.48 |       | P        | 0.9 |

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

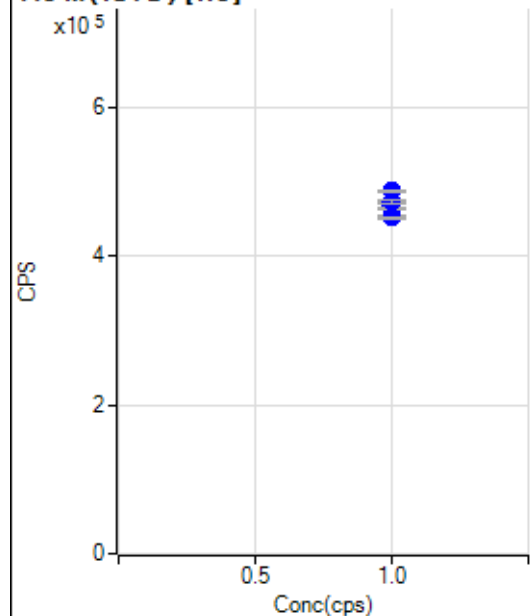
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 5951965.76 |       | A        | 2.0 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 6030414.42 |       | A        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 5830969.18 |       | A        | 0.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6015581.34 |       | A        | 5.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 5968334.73 |       | A        | 2.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 5912332.51 |       | A        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5686953.64 |       | A        | 0.7 |
| 9 | <input type="checkbox"/> | 1.000 |            | 5381467.13 |       | A        | 2.3 |

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

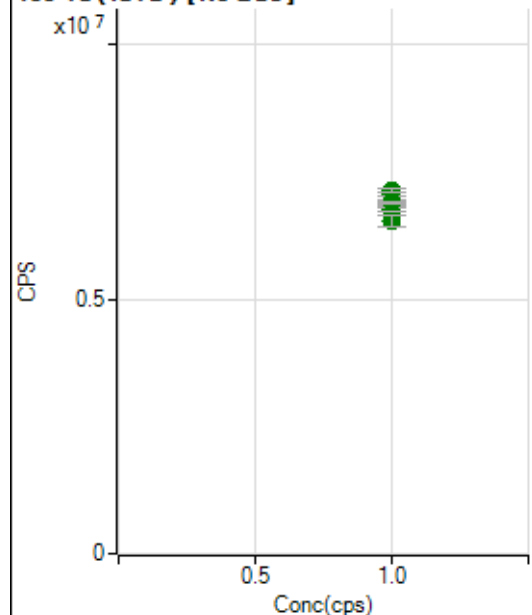
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2213552.50 |       | A        | 0.9 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 2167139.17 |       | A        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2147382.35 |       | A        | 0.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2160240.69 |       | A        | 1.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2181847.38 |       | A        | 1.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2099291.86 |       | A        | 2.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2098955.30 |       | A        | 0.8 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1969501.22 |       | A        | 1.9 |

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

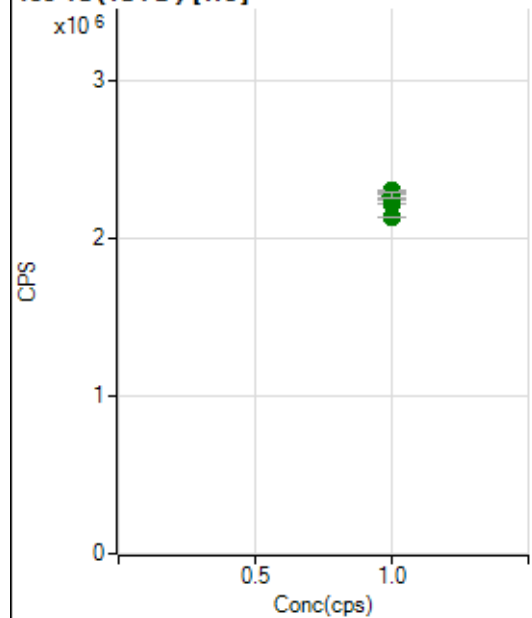
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6022718.86 |       | A        | 1.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 6044669.04 |       | A        | 0.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 5845860.26 |       | A        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6151723.25 |       | A        | 5.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6046188.65 |       | A        | 0.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6055240.24 |       | A        | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5728159.10 |       | A        | 0.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 5635116.58 |       | A        | 3.8 |

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

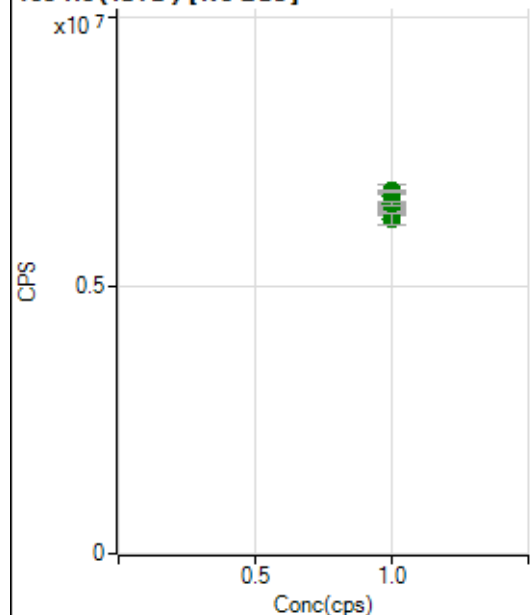
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 488050.99 |       | P        | 0.9 |
| 2 | <input type="checkbox"/> | 1.000 |            |           |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 472810.19 |       | P        | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 468848.34 |       | P        | 0.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 472857.54 |       | P        | 1.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 472658.62 |       | P        | 1.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 456386.63 |       | P        | 2.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 452119.83 |       | P        | 0.8 |
| 9 | <input type="checkbox"/> | 1.000 |            | 451643.88 |       | P        | 0.7 |

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

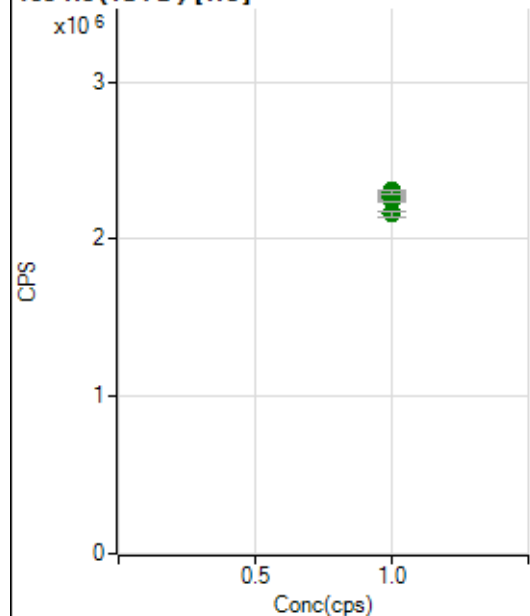
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6764592.26 |       | A        | 1.7 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 6893121.56 |       | A        | 1.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6754394.06 |       | A        | 1.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 7014852.19 |       | A        | 4.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 7069247.67 |       | A        | 1.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 7120321.14 |       | A        | 1.0 |
| 8 | <input type="checkbox"/> | 1.000 |            | 6891658.02 |       | A        | 0.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 6529325.39 |       | A        | 3.3 |

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

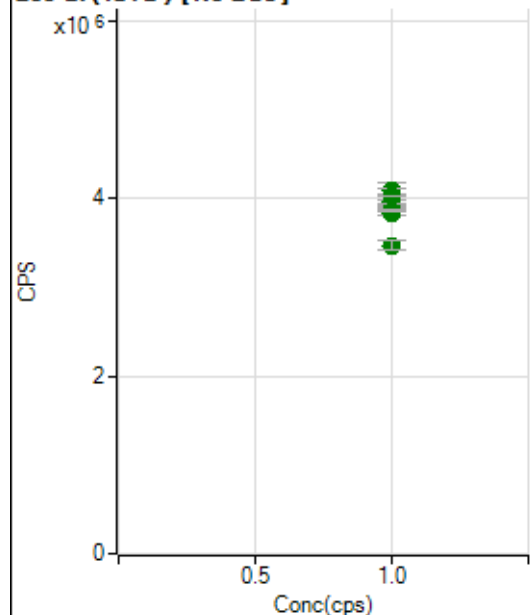
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2278281.25 |       | A        | 0.1 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 2218560.64 |       | A        | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2239731.06 |       | A        | 1.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2250265.50 |       | A        | 0.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2301318.21 |       | A        | 0.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2263997.62 |       | A        | 1.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2270383.01 |       | A        | 1.7 |
| 9 | <input type="checkbox"/> | 1.000 |            | 2134492.71 |       | A        | 0.5 |

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

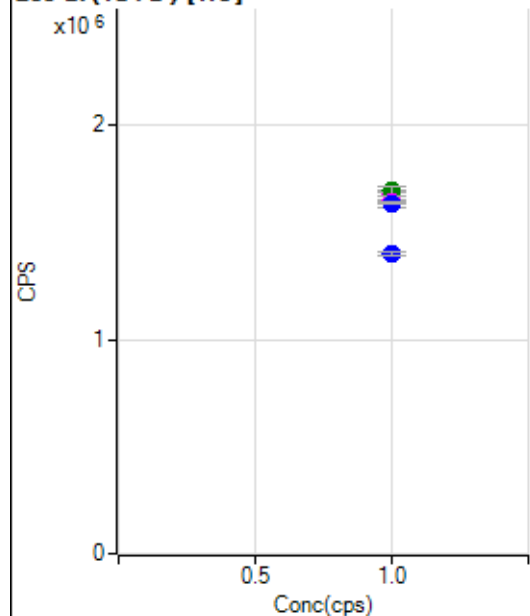
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6457819.80 |       | A        | 1.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 6494249.54 |       | A        | 1.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6354465.29 |       | A        | 0.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6682999.85 |       | A        | 6.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6707045.46 |       | A        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6767261.00 |       | A        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 6530017.94 |       | A        | 1.0 |
| 9 | <input type="checkbox"/> | 1.000 |            | 6229006.52 |       | A        | 3.6 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2277643.87 |       | A        | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 2243815.11 |       | A        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2251319.78 |       | A        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2279933.61 |       | A        | 2.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2306715.43 |       | A        | 0.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2265711.41 |       | A        | 2.0 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2298931.86 |       | A        | 1.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 2159613.01 |       | A        | 1.9 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 3922253.31 |       | A        | 0.8 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 3955759.11 |       | A        | 1.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 3837962.16 |       | A        | 1.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4030336.19 |       | A        | 6.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4080945.25 |       | A        | 1.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4018169.49 |       | A        | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3859752.93 |       | A        | 0.9 |
| 9 | <input type="checkbox"/> | 1.000 |            | 3468227.48 |       | A        | 3.4 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1691335.60 |       | A        | 0.9 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1639399.30 |       | P        | 1.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1653183.47 |       | M        | 1.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1678418.38 |       | M        | 1.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1693310.12 |       | A        | 2.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1641492.49 |       | M        | 2.9 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1634539.72 |       | P        | 0.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1399734.58 |       | P        | 1.2 |

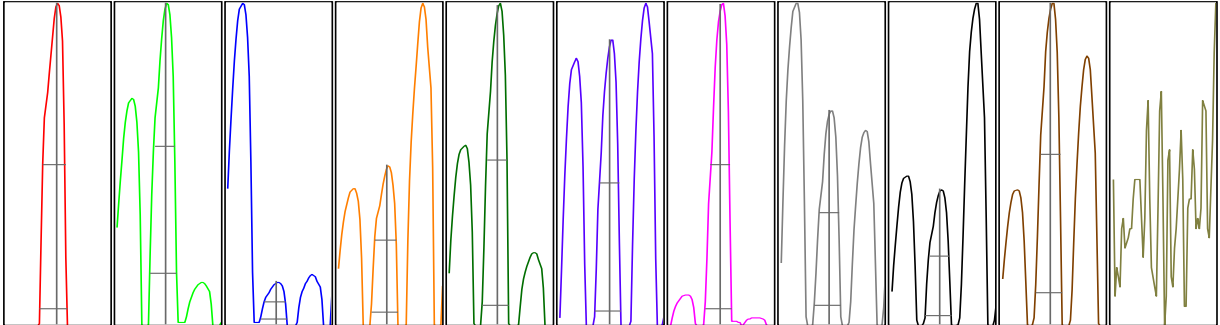
US EPA Tune Check Sample Report

Batch Folder D:\P8020519MS.b  
Report Comment  
Instrument Name G8403A JP17141814

| [No Gas] |                 |                  |                    |                |
|----------|-----------------|------------------|--------------------|----------------|
| Mass     | Count<br>(Mean) | RSD%<br>(Actual) | RSD%<br>(Required) | RSD%<br>(Flag) |
| 9        | 7665            | 1.16             | 5.00               |                |
| 24       | 74624           | 1.30             | 5.00               |                |
| 25       | 10117           | 1.18             | 5.00               |                |
| 26       | 12311           | 0.95             | 5.00               |                |
| 59       | 62453           | 1.05             | 5.00               |                |
| 113      | 7473            | 1.20             | 5.00               |                |
| 115      | 86937           | 0.81             | 5.00               |                |
| 206      | 16550           | 1.35             | 5.00               |                |
| 207      | 15546           | 1.26             | 5.00               |                |
| 208      | 35823           | 1.59             | 5.00               |                |
| 220      | 2               | 13.49            |                    |                |

| Mass | Replicate 1<br>Count | Replicate 2<br>Count | Replicate 3<br>Count | Replicate 4<br>Count | Replicate 5<br>Count |
|------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 9    | 7524                 | 7686                 | 7642                 | 7734                 | 7740                 |
| 24   | 73261                | 74176                | 74774                | 75067                | 75843                |
| 25   | 9967                 | 10119                | 10060                | 10151                | 10291                |
| 26   | 12181                | 12327                | 12205                | 12394                | 12450                |
| 59   | 61401                | 62428                | 62420                | 62996                | 63022                |
| 113  | 7352                 | 7423                 | 7489                 | 7519                 | 7585                 |
| 115  | 85892                | 86912                | 87562                | 87616                | 86704                |
| 206  | 16314                | 16366                | 16512                | 16815                | 16745                |
| 207  | 15275                | 15429                | 15572                | 15756                | 15696                |
| 208  | 35090                | 35555                | 35751                | 36583                | 36135                |
| 220  | 2                    | 2                    | 2                    | 2                    | 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-X%<br>X%<br>(Flag) |
|------|----------------|------------------|--------------------|----------------|----------------------|------------------------|--------------------------|
| 9    | 13523          | 9.00             | 8.9 - 9.1          |                | 0.778                | 0.900                  |                          |
| 24   | 130765         | 23.95            | 23.9 - 24.1        |                | 0.765                | 0.900                  |                          |
| 25   | 17755          | 24.95            | 24.9 - 25.1        |                | 0.759                | 0.900                  |                          |
| 26   | 20727          | 25.95            | 25.9 - 26.1        |                | 0.762                | 0.900                  |                          |
| 59   | 112817         | 58.95            | 58.9 - 59.1        |                | 0.751                | 0.900                  |                          |
| 113  | 14366          | 113.00           | 112.9 - 113.1      |                | 0.735                | 0.900                  |                          |
| 115  | 166081         | 115.00           | 114.9 - 115.1      |                | 0.759                | 0.900                  |                          |
| 206  | 31070          | 205.95           | 205.9 - 206.1      |                | 0.748                | 0.900                  |                          |
| 207  | 28195          | 206.95           | 206.9 - 207.1      |                | 0.735                | 0.900                  |                          |
| 208  | 66795          | 207.95           | 207.9 - 208.1      |                | 0.747                | 0.900                  |                          |
| 220  |                |                  | -                  |                |                      |                        |                          |

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    | 8.2   | V    | Deflect       | 14.4  | V    |
| Extract 2     | -250.0 | V    | Cell Entrance | -30   | V    | Plate Bias    | -35   | V    |
| Omega Bias    | -110   | 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   | 10261           | 0.28             |                    |
| 89   | 4847            | 0.51             |                    |
| 205  | 11439           | 0.42             |                    |

| Mass | Replicate 1<br>Count | Replicate 2<br>Count | Replicate 3<br>Count | Replicate 4<br>Count | Replicate 5<br>Count |
|------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 59   | 10293                | 10260                | 10256                | 10218                | 10281                |
| 89   | 4837                 | 4856                 | 4825                 | 4831                 | 4886                 |
| 205  | 11430                | 11385                | 11463                | 11410                | 11507                |

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    | 8.2   | V    | Deflect       | 2.4   | V    |
| Extract 2     | -250.0 | V    | Cell Entrance | -40   | V    | Plate Bias    | -60   | V    |
| Omega Bias    | -110   | 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 :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 11:56:32 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.80   | 0.37    | 0.43    | 0.00       | N/A     | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Arsenic    | 75-2  | -0.02   | 0.02    | 0.01    | 0.00       | N/A     | ppb   |
| Barium     | 135-1 | 0.00    | -0.01   | 0.01    | 0.00       | N/A     | ppb   |
| Barium     | 137-1 | -0.01   | 0.00    | 0.01    | 0.00       | N/A     | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.01    | -0.01   | 0.00       | N/A     | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Bismuth    | 209-2 |         |         |         | 100        |         | %     |
| Boron      | 10-1  | 0.10    | -0.04   | -0.06   | 0.00       | N/A     | ppb   |
| Boron      | 11-1  | -0.03   | 0.04    | 0.00    | 0.00       | N/A     | ppb   |
| Cadmium    | 111-1 | -0.10   | 0.01    | 0.09    | 0.00       | N/A     | ppb   |
| Cadmium    | 106-1 | -1.36   | 0.19    | 1.17    | 0.00       | N/A     | ppb   |
| Cadmium    | 108-1 | 0.02    | -0.01   | -0.01   | 0.00       | N/A     | ppb   |
| Calcium    | 43-1  | -0.08   | -0.12   | 0.21    | 0.00       | N/A     | ppb   |
| Calcium    | 44-1  | -0.60   | -0.43   | 1.03    | 0.00       | N/A     | ppb   |
| Chromium   | 52-2  | 0.05    | 0.04    | -0.09   | 0.00       | N/A     | ppb   |
| Cobalt     | 59-2  | 0.00    | -0.01   | 0.01    | 0.00       | N/A     | ppb   |
| Copper     | 63-2  | -0.03   | 0.02    | 0.01    | 0.00       | N/A     | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 100        |         | %     |
| Holmium    | 165-2 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Iron       | 56-2  | 0.05    | -0.20   | 0.15    | 0.00       | N/A     | ppb   |
| Iron       | 57-2  | 1.08    | -0.35   | -0.73   | 0.00       | N/A     | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | -0.01   | 0.00    | 0.01    | 0.00       | N/A     | ppb   |
| Lead       | 207-1 | 0.01    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |
| Lead       | 208-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Lithium    | 6-1   |         |         |         | 100        |         | %     |
| Magnesium  | 24-2  | -0.27   | 0.56    | -0.29   | 0.00       | N/A     | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 11:56:32 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | -0.03   | -0.01   | 0.04    | 0.00       | N/A     | ppb   |
| Molybdenum | 94-1  | 0.01    | -0.02   | 0.01    | 0.00       | N/A     | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.01    | -0.01   | 0.00       | N/A     | ppb   |
| Molybdenum | 96-1  | 0.01    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 97-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 98-1  | -0.01   | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.01    | 0.00    | -0.01   | 0.00       | N/A     | ppb   |
| Phosphorus | 31-2  | -22.88  | -37.24  | -22.58  | -27.57     |         | ppb   |
| Potassium  | 39-2  | -8.25   | 7.50    | 0.75    | 0.00       | N/A     | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Rhodium    | 103-2 |         |         |         | 100        |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 100        |         | %     |
| Selenium   | 77-2  | -0.62   | -0.62   | 1.24    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.20    | -0.10   | -0.10   | 0.00       | N/A     | ppb   |
| Selenium   | 82-1  | 0.05    | -0.09   | 0.05    | 0.00       | N/A     | ppb   |
| Silicon    | 28-1  | 0.08    | -1.41   | 1.33    | 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    | -2.64   | 2.54    | 0.00       | N/A     | ppb   |
| Strontium  | 86-1  | 0.00    | 0.02    | -0.02   | 0.00       | N/A     | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Sulfur     | 34-1  | -210.62 | -749.06 | -122.36 | -360.68    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 100        |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 0.00    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Tin        | 118-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Titanium   | 47-1  | -0.02   | 0.00    | 0.01    | 0.00       | N/A     | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | -0.01   | 0.00       | N/A     | ppb   |
| Yttrium    | 89-1  |         |         |         | 100        |         | %     |
| Yttrium    | 89-2  |         |         |         | 100        |         | %     |
| Zinc       | 66-2  | 0.04    | -0.02   | -0.02   | 0.00       | N/A     | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 11:56:32 | DataFile Name :   | 003CALB.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 12:04:23 | DataFile Name :   | 005CALS.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 13.47   | 16.07   | 18.28   | 15.94      | 15.11   | ppb   |
| Antimony   | 121-1 | 1.74    | 1.72    | 1.70    | 1.72       | 1.13    | ppb   |
| Arsenic    | 75-2  | 0.88    | 1.01    | 0.99    | 0.96       | 7.14    | ppb   |
| Barium     | 135-1 | 9.10    | 9.08    | 9.06    | 9.08       | 0.25    | ppb   |
| Barium     | 137-1 | 9.13    | 9.16    | 8.95    | 9.08       | 1.25    | ppb   |
| Beryllium  | 9-1   | 0.94    | 0.85    | 0.89    | 0.89       | 4.69    | ppb   |
| Bismuth    | 209-1 |         |         |         | 101        |         | %     |
| Bismuth    | 209-2 |         |         |         | 97         |         | %     |
| Boron      | 10-1  | 22.34   | 22.64   | 22.42   | 22.47      | 0.67    | ppb   |
| Boron      | 11-1  | 21.97   | 22.19   | 21.90   | 22.02      | 0.69    | ppb   |
| Cadmium    | 111-1 | 0.92    | 0.78    | 0.90    | 0.87       | 8.35    | ppb   |
| Cadmium    | 106-1 | 0.78    | 0.13    | 1.03    | 0.65       | 72.12   | ppb   |
| Cadmium    | 108-1 | 0.80    | 0.76    | 0.61    | 0.72       | 14.08   | ppb   |
| Calcium    | 43-1  | 451.15  | 430.62  | 429.31  | 437.03     | 2.80    | ppb   |
| Calcium    | 44-1  | 453.34  | 449.21  | 442.07  | 448.21     | 1.27    | ppb   |
| Chromium   | 52-2  | 1.92    | 1.99    | 1.91    | 1.94       | 2.51    | ppb   |
| Cobalt     | 59-2  | 0.93    | 0.93    | 0.92    | 0.93       | 0.50    | ppb   |
| Copper     | 63-2  | 1.76    | 1.69    | 1.68    | 1.71       | 2.54    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 101        |         | %     |
| Holmium    | 165-2 |         |         |         | 99         |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Indium     | 115-2 |         |         |         | 97         |         | %     |
| Iron       | 56-2  | 52.51   | 53.29   | 52.26   | 52.69      | 1.02    | ppb   |
| Iron       | 57-2  | 52.06   | 55.04   | 56.19   | 54.43      | 3.92    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.85    | 0.88    | 0.90    | 0.87       | 2.87    | ppb   |
| Lead       | 207-1 | 0.85    | 0.83    | 0.86    | 0.85       | 1.91    | ppb   |
| Lead       | 208-1 | 0.87    | 0.85    | 0.86    | 0.86       | 1.22    | ppb   |
| Lithium    | 6-1   |         |         |         | 100        |         | %     |
| Magnesium  | 24-2  | 486.20  | 500.84  | 479.60  | 488.88     | 2.22    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 12:04:23 | DataFile Name :   | 005CALS.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.87    | 1.00    | 1.00    | 0.96       | 7.86    | ppb   |
| Molybdenum | 94-1  | 4.30    | 4.30    | 4.40    | 4.33       | 1.32    | ppb   |
| Molybdenum | 95-1  | 4.34    | 4.56    | 4.19    | 4.36       | 4.30    | ppb   |
| Molybdenum | 96-1  | 4.38    | 4.35    | 4.36    | 4.36       | 0.33    | ppb   |
| Molybdenum | 97-1  | 4.23    | 4.36    | 4.29    | 4.29       | 1.58    | ppb   |
| Molybdenum | 98-1  | 4.37    | 4.33    | 4.25    | 4.32       | 1.41    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.00    | 1.02    | 1.06    | 1.03       | 3.15    | ppb   |
| Phosphorus | 31-2  | 7.43    | 68.11   | 7.16    | 27.57      | 127.38  | ppb   |
| Potassium  | 39-2  | 450.63  | 459.14  | 477.77  | 462.52     | 3.00    | ppb   |
| Rhodium    | 103-1 |         |         |         | 101        |         | %     |
| Rhodium    | 103-2 |         |         |         | 98         |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 97         |         | %     |
| Selenium   | 77-2  | 5.11    | 7.10    | 7.10    | 6.44       | 17.81   | ppb   |
| Selenium   | 78-2  | 6.05    | 6.12    | 5.19    | 5.79       | 8.97    | ppb   |
| Selenium   | 82-1  | 3.77    | 4.91    | 4.78    | 4.49       | 13.85   | ppb   |
| Silicon    | 28-1  | 13.27   | 13.52   | 12.14   | 12.98      | 5.66    | ppb   |
| Silver     | 109-1 | 1.02    | 0.98    | 0.97    | 0.99       | 2.29    | ppb   |
| Silver     | 107-1 | 0.98    | 0.97    | 0.92    | 0.96       | 3.13    | ppb   |
| Sodium     | 23-2  | 470.44  | 477.68  | 466.66  | 471.59     | 1.19    | ppb   |
| Strontium  | 86-1  | 0.79    | 0.80    | 0.71    | 0.77       | 6.59    | ppb   |
| Strontium  | 88-1  | 0.79    | 0.77    | 0.74    | 0.76       | 2.97    | ppb   |
| Sulfur     | 34-1  | 305.03  | 456.45  | 320.56  | 360.68     | 23.10   | ppb   |
| Terbium    | 159-1 |         |         |         | 102        |         | %     |
| Terbium    | 159-2 |         |         |         | 97         |         | %     |
| Thallium   | 203-1 | 0.81    | 0.79    | 0.88    | 0.83       | 5.60    | ppb   |
| Thallium   | 205-1 | 0.89    | 0.86    | 0.85    | 0.87       | 2.26    | ppb   |
| Tin        | 118-1 | 4.71    | 4.72    | 4.60    | 4.68       | 1.43    | ppb   |
| Titanium   | 47-1  | 4.49    | 4.35    | 4.56    | 4.47       | 2.47    | ppb   |
| Uranium    | 238-1 | 0.87    | 0.81    | 0.87    | 0.85       | 4.15    | ppb   |
| Vanadium   | 51-2  | 4.90    | 4.60    | 4.93    | 4.81       | 3.79    | ppb   |
| Yttrium    | 89-1  |         |         |         | 101        |         | %     |
| Yttrium    | 89-2  |         |         |         | 97         |         | %     |
| Zinc       | 66-2  | 1.99    | 1.76    | 1.44    | 1.73       | 15.93   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 12:04:23 | DataFile Name :   | 005CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.89    | 0.91    | 0.85    | 0.88       | 3.84    | ppb   |
| Zirconium | 91-1 | 0.95    | 0.89    | 0.88    | 0.91       | 4.29    | ppb   |

LB Number : LB100678 Operator : Jaswal  
 Lab Sample ID : S03 Instrumnet Name : P8  
 Client Sample ID : S03 Dilution Factor : 1  
 Date & Time Acquired :: 2019-02-05 12:08:15 DataFile Name : 006CAL.S.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1024.64 | 1016.25 | 992.37  | 1011.09    | 1.66    | ppb   |
| Antimony   | 121-1 | 48.86   | 50.02   | 50.84   | 49.91      | 1.99    | ppb   |
| Arsenic    | 75-2  | 50.23   | 48.82   | 49.68   | 49.58      | 1.43    | ppb   |
| Barium     | 135-1 | 244.61  | 251.19  | 252.40  | 249.40     | 1.68    | ppb   |
| Barium     | 137-1 | 245.39  | 254.99  | 253.99  | 251.46     | 2.10    | ppb   |
| Beryllium  | 9-1   | 49.17   | 49.42   | 50.17   | 49.59      | 1.05    | ppb   |
| Bismuth    | 209-1 |         |         |         | 98         |         | %     |
| Bismuth    | 209-2 |         |         |         | 98         |         | %     |
| Boron      | 10-1  | 48.92   | 49.01   | 50.53   | 49.49      | 1.82    | ppb   |
| Boron      | 11-1  | 47.31   | 48.23   | 48.77   | 48.11      | 1.54    | ppb   |
| Cadmium    | 111-1 | 49.72   | 49.96   | 51.48   | 50.39      | 1.88    | ppb   |
| Cadmium    | 106-1 | 49.01   | 49.60   | 50.53   | 49.71      | 1.54    | ppb   |
| Cadmium    | 108-1 | 51.25   | 50.42   | 51.74   | 51.14      | 1.31    | ppb   |
| Calcium    | 43-1  | 5018.88 | 5068.02 | 5077.43 | 5054.78    | 0.62    | ppb   |
| Calcium    | 44-1  | 5089.53 | 5025.17 | 5203.60 | 5106.10    | 1.77    | ppb   |
| Chromium   | 52-2  | 51.76   | 51.00   | 50.96   | 51.24      | 0.87    | ppb   |
| Cobalt     | 59-2  | 52.79   | 52.31   | 52.44   | 52.51      | 0.48    | ppb   |
| Copper     | 63-2  | 107.33  | 106.15  | 107.24  | 106.90     | 0.62    | 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 |         |         |         | 98         |         | %     |
| Holmium    | 165-2 |         |         |         | 99         |         | %     |
| Indium     | 115-1 |         |         |         | 97         |         | %     |
| Indium     | 115-2 |         |         |         | 96         |         | %     |
| Iron       | 56-2  | 2704.23 | 2633.68 | 2676.02 | 2671.31    | 1.33    | ppb   |
| Iron       | 57-2  | 2767.91 | 2660.46 | 2706.73 | 2711.70    | 1.99    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 49.67   | 49.23   | 51.60   | 50.17      | 2.51    | ppb   |
| Lead       | 207-1 | 48.74   | 48.14   | 50.12   | 49.00      | 2.07    | ppb   |
| Lead       | 208-1 | 48.85   | 48.76   | 50.16   | 49.26      | 1.59    | ppb   |
| Lithium    | 6-1   |         |         |         | 98         |         | %     |
| Magnesium  | 24-2  | 5388.92 | 5304.59 | 5308.82 | 5334.11    | 0.89    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB100678            | Operator :        | Jaswal     |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S03                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2019-02-05 12:08:15 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 103.20  | 102.93  | 103.27  | 103.13     | 0.17    | ppb   |
| Molybdenum | 94-1  | 249.17  | 249.66  | 251.39  | 250.07     | 0.47    | ppb   |
| Molybdenum | 95-1  | 248.12  | 251.55  | 253.97  | 251.21     | 1.17    | ppb   |
| Molybdenum | 96-1  | 244.16  | 250.09  | 250.19  | 248.15     | 1.39    | ppb   |
| Molybdenum | 97-1  | 245.09  | 248.00  | 249.39  | 247.49     | 0.89    | ppb   |
| Molybdenum | 98-1  | 245.33  | 254.79  | 254.78  | 251.63     | 2.17    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 53.41   | 54.02   | 53.88   | 53.77      | 0.60    | ppb   |
| Phosphorus | 31-2  | 933.11  | 881.54  | 1238.99 | 1017.88    | 18.98   | ppb   |
| Potassium  | 39-2  | 2535.54 | 2557.22 | 2550.23 | 2547.67    | 0.43    | ppb   |
| Rhodium    | 103-1 |         |         |         | 98         |         | %     |
| Rhodium    | 103-2 |         |         |         | 97         |         | %     |
| Scandium   | 45-1  |         |         |         | 97         |         | %     |
| Scandium   | 45-2  |         |         |         | 95         |         | %     |
| Selenium   | 77-2  | 52.68   | 39.73   | 37.96   | 43.45      | 18.49   | ppb   |
| Selenium   | 78-2  | 56.73   | 47.79   | 46.74   | 50.42      | 10.89   | ppb   |
| Selenium   | 82-1  | 50.10   | 50.65   | 50.35   | 50.37      | 0.55    | ppb   |
| Silicon    | 28-1  | 72.10   | 74.66   | 77.57   | 74.78      | 3.66    | ppb   |
| Silver     | 109-1 | 50.26   | 51.88   | 52.02   | 51.39      | 1.91    | ppb   |
| Silver     | 107-1 | 50.50   | 52.14   | 51.83   | 51.49      | 1.70    | ppb   |
| Sodium     | 23-2  | 5246.06 | 5166.11 | 5244.51 | 5218.89    | 0.88    | ppb   |
| Strontium  | 86-1  | 49.19   | 49.36   | 50.65   | 49.73      | 1.60    | ppb   |
| Strontium  | 88-1  | 49.44   | 50.62   | 50.10   | 50.05      | 1.18    | ppb   |
| Sulfur     | 34-1  | 1853.31 | 2156.24 | 2537.97 | 2182.51    | 15.72   | ppb   |
| Terbium    | 159-1 |         |         |         | 100        |         | %     |
| Terbium    | 159-2 |         |         |         | 98         |         | %     |
| Thallium   | 203-1 | 48.21   | 49.27   | 50.62   | 49.36      | 2.45    | ppb   |
| Thallium   | 205-1 | 49.27   | 49.46   | 50.69   | 49.80      | 1.55    | ppb   |
| Tin        | 118-1 | 50.22   | 50.27   | 51.33   | 50.61      | 1.23    | ppb   |
| Titanium   | 47-1  | 248.08  | 254.06  | 250.26  | 250.80     | 1.21    | ppb   |
| Uranium    | 238-1 | 48.16   | 48.21   | 49.39   | 48.59      | 1.44    | ppb   |
| Vanadium   | 51-2  | 50.79   | 50.35   | 50.94   | 50.69      | 0.60    | ppb   |
| Yttrium    | 89-1  |         |         |         | 98         |         | %     |
| Yttrium    | 89-2  |         |         |         | 96         |         | %     |
| Zinc       | 66-2  | 106.18  | 103.66  | 105.12  | 104.99     | 1.20    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S03                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 12:08:15 | DataFile Name :   | 006CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 49.19   | 49.88   | 50.18   | 49.75      | 1.02    | ppb   |
| Zirconium | 91-1 | 48.73   | 49.89   | 50.22   | 49.61      | 1.58    | ppb   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB100678            | Operator :        | Jaswal     |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S04                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2019-02-05 12:12:04 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 2539.01  | 2485.13  | 2494.27  | 2506.14    | 1.15    | ppb   |
| Antimony   | 121-1 | 115.15   | 127.02   | 125.80   | 122.66     | 5.32    | ppb   |
| Arsenic    | 75-2  | 125.11   | 123.81   | 122.50   | 123.81     | 1.05    | ppb   |
| Barium     | 135-1 | 577.87   | 642.48   | 629.21   | 616.52     | 5.53    | ppb   |
| Barium     | 137-1 | 596.83   | 642.95   | 632.82   | 624.20     | 3.88    | ppb   |
| Beryllium  | 9-1   | 114.56   | 124.40   | 125.61   | 121.53     | 4.99    | ppb   |
| Bismuth    | 209-1 |          |          |          | 103        |         | %     |
| Bismuth    | 209-2 |          |          |          | 99         |         | %     |
| Boron      | 10-1  | 112.91   | 124.22   | 125.43   | 120.85     | 5.71    | ppb   |
| Boron      | 11-1  | 111.27   | 121.84   | 122.02   | 118.37     | 5.20    | ppb   |
| Cadmium    | 111-1 | 115.48   | 127.62   | 127.22   | 123.44     | 5.59    | ppb   |
| Cadmium    | 106-1 | 114.97   | 129.13   | 127.64   | 123.91     | 6.28    | ppb   |
| Cadmium    | 108-1 | 114.31   | 128.46   | 128.47   | 123.75     | 6.61    | ppb   |
| Calcium    | 43-1  | 11431.75 | 12654.28 | 12797.83 | 12294.62   | 6.11    | ppb   |
| Calcium    | 44-1  | 11393.53 | 12635.29 | 12584.82 | 12204.55   | 5.76    | ppb   |
| Chromium   | 52-2  | 129.10   | 125.93   | 127.84   | 127.62     | 1.25    | ppb   |
| Cobalt     | 59-2  | 132.01   | 130.11   | 129.47   | 130.53     | 1.01    | ppb   |
| Copper     | 63-2  | 268.20   | 263.61   | 262.42   | 264.74     | 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 |          |          |          | 103        |         | %     |
| Holmium    | 165-2 |          |          |          | 100        |         | %     |
| Indium     | 115-1 |          |          |          | 102        |         | %     |
| Indium     | 115-2 |          |          |          | 97         |         | %     |
| Iron       | 56-2  | 6677.38  | 6560.56  | 6493.06  | 6577.00    | 1.42    | ppb   |
| Iron       | 57-2  | 6778.70  | 6717.55  | 6724.28  | 6740.17    | 0.50    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 111.69   | 125.08   | 129.12   | 121.96     | 7.48    | ppb   |
| Lead       | 207-1 | 110.72   | 124.23   | 125.47   | 120.14     | 6.81    | ppb   |
| Lead       | 208-1 | 111.07   | 124.91   | 126.37   | 120.78     | 6.99    | ppb   |
| Lithium    | 6-1   |          |          |          | 100        |         | %     |
| Magnesium  | 24-2  | 13217.07 | 13062.49 | 13091.80 | 13123.79   | 0.63    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB100678            | Operator :        | Jaswal     |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S04                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2019-02-05 12:12:04 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 258.78   | 253.53   | 254.97   | 255.76     | 1.06    | ppb   |
| Molybdenum | 94-1  | 569.49   | 647.08   | 631.99   | 616.19     | 6.68    | ppb   |
| Molybdenum | 95-1  | 573.24   | 640.38   | 647.50   | 620.37     | 6.61    | ppb   |
| Molybdenum | 96-1  | 561.88   | 633.63   | 634.98   | 610.17     | 6.85    | ppb   |
| Molybdenum | 97-1  | 558.80   | 634.53   | 633.43   | 608.92     | 7.13    | ppb   |
| Molybdenum | 98-1  | 550.06   | 622.34   | 622.13   | 598.18     | 6.97    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 133.59   | 130.91   | 130.57   | 131.69     | 1.26    | ppb   |
| Phosphorus | 31-2  | 2556.21  | 2593.03  | 2571.56  | 2573.60    | 0.72    | ppb   |
| Potassium  | 39-2  | 6337.04  | 6281.57  | 6327.74  | 6315.45    | 0.47    | ppb   |
| Rhodium    | 103-1 |          |          |          | 101        |         | %     |
| Rhodium    | 103-2 |          |          |          | 98         |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 96         |         | %     |
| Selenium   | 77-2  | 125.40   | 128.87   | 142.12   | 132.13     | 6.68    | ppb   |
| Selenium   | 78-2  | 114.31   | 128.24   | 117.40   | 119.98     | 6.10    | ppb   |
| Selenium   | 82-1  | 112.09   | 124.73   | 125.77   | 120.86     | 6.30    | ppb   |
| Silicon    | 28-1  | 116.67   | 163.18   | 144.89   | 141.58     | 16.55   | ppb   |
| Silver     | 109-1 | 117.68   | 128.09   | 129.11   | 124.96     | 5.06    | ppb   |
| Silver     | 107-1 | 117.73   | 130.19   | 129.63   | 125.85     | 5.59    | ppb   |
| Sodium     | 23-2  | 13383.54 | 13190.86 | 13028.95 | 13201.12   | 1.34    | ppb   |
| Strontium  | 86-1  | 111.64   | 124.72   | 124.07   | 120.14     | 6.13    | ppb   |
| Strontium  | 88-1  | 112.55   | 125.08   | 125.64   | 121.09     | 6.11    | ppb   |
| Sulfur     | 34-1  | 2128.71  | 4190.62  | 4300.06  | 3539.80    | 34.56   | ppb   |
| Terbium    | 159-1 |          |          |          | 104        |         | %     |
| Terbium    | 159-2 |          |          |          | 99         |         | %     |
| Thallium   | 203-1 | 112.74   | 123.79   | 128.63   | 121.72     | 6.69    | ppb   |
| Thallium   | 205-1 | 114.29   | 130.22   | 132.04   | 125.51     | 7.78    | ppb   |
| Tin        | 118-1 | 116.15   | 129.01   | 128.46   | 124.54     | 5.84    | ppb   |
| Titanium   | 47-1  | 572.10   | 634.04   | 648.55   | 618.23     | 6.57    | ppb   |
| Uranium    | 238-1 | 114.78   | 124.61   | 128.45   | 122.62     | 5.75    | ppb   |
| Vanadium   | 51-2  | 129.00   | 125.06   | 126.84   | 126.97     | 1.55    | ppb   |
| Yttrium    | 89-1  |          |          |          | 103        |         | %     |
| Yttrium    | 89-2  |          |          |          | 97         |         | %     |
| Zinc       | 66-2  | 262.34   | 265.09   | 260.19   | 262.54     | 0.94    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S04                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 12:12:04 | DataFile Name :   | 007CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 113.37  | 126.21  | 127.76  | 122.45     | 6.45    | ppb   |
| Zirconium | 91-1 | 111.99  | 123.44  | 124.10  | 119.85     | 5.68    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB100678            | Operator :        | Jaswal     |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S05                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2019-02-05 12:15:46 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 5043.50  | 5025.34  | 5021.04  | 5029.96    | 0.24    | ppb   |
| Antimony   | 121-1 | 250.81   | 248.41   | 253.72   | 250.98     | 1.06    | ppb   |
| Arsenic    | 75-2  | 249.34   | 240.32   | 244.93   | 244.86     | 1.84    | ppb   |
| Barium     | 135-1 | 1257.60  | 1239.37  | 1257.14  | 1251.37    | 0.83    | ppb   |
| Barium     | 137-1 | 1242.95  | 1230.28  | 1242.14  | 1238.46    | 0.57    | ppb   |
| Beryllium  | 9-1   | 246.85   | 244.80   | 245.33   | 245.66     | 0.43    | ppb   |
| Bismuth    | 209-1 |          |          |          | 104        |         | %     |
| Bismuth    | 209-2 |          |          |          | 100        |         | %     |
| Boron      | 10-1  | 240.64   | 242.12   | 248.24   | 243.67     | 1.66    | ppb   |
| Boron      | 11-1  | 241.52   | 243.48   | 242.33   | 242.44     | 0.40    | ppb   |
| Cadmium    | 111-1 | 245.49   | 243.06   | 246.90   | 245.15     | 0.79    | ppb   |
| Cadmium    | 106-1 | 249.50   | 246.42   | 248.84   | 248.25     | 0.65    | ppb   |
| Cadmium    | 108-1 | 251.17   | 247.56   | 250.42   | 249.72     | 0.76    | ppb   |
| Calcium    | 43-1  | 24787.89 | 24836.86 | 24615.67 | 24746.81   | 0.47    | ppb   |
| Calcium    | 44-1  | 24509.57 | 24694.06 | 24454.72 | 24552.78   | 0.51    | ppb   |
| Chromium   | 52-2  | 253.99   | 258.30   | 256.47   | 256.26     | 0.84    | ppb   |
| Cobalt     | 59-2  | 261.82   | 263.46   | 263.20   | 262.83     | 0.34    | ppb   |
| Copper     | 63-2  | 526.02   | 532.12   | 532.24   | 530.13     | 0.67    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 104        |         | %     |
| Holmium    | 165-2 |          |          |          | 101        |         | %     |
| Indium     | 115-1 |          |          |          | 100        |         | %     |
| Indium     | 115-2 |          |          |          | 97         |         | %     |
| Iron       | 56-2  | 13190.75 | 13237.56 | 13197.93 | 13208.74   | 0.19    | ppb   |
| Iron       | 57-2  | 13397.93 | 13554.66 | 13480.94 | 13477.84   | 0.58    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 244.25   | 247.92   | 242.81   | 244.99     | 1.07    | ppb   |
| Lead       | 207-1 | 240.05   | 244.69   | 238.99   | 241.25     | 1.26    | ppb   |
| Lead       | 208-1 | 244.64   | 249.09   | 243.09   | 245.61     | 1.27    | ppb   |
| Lithium    | 6-1   |          |          |          | 99         |         | %     |
| Magnesium  | 24-2  | 26620.37 | 27171.54 | 26490.90 | 26760.94   | 1.35    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB100678            | Operator :        | Jaswal     |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S05                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2019-02-05 12:15:46 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 514.53   | 516.52   | 518.05   | 516.37     | 0.34    | ppb   |
| Molybdenum | 94-1  | 1229.53  | 1229.13  | 1228.58  | 1229.08    | 0.04    | ppb   |
| Molybdenum | 95-1  | 1227.26  | 1232.89  | 1226.06  | 1228.74    | 0.30    | ppb   |
| Molybdenum | 96-1  | 1213.32  | 1223.64  | 1225.39  | 1220.78    | 0.53    | ppb   |
| Molybdenum | 97-1  | 1225.28  | 1233.29  | 1248.63  | 1235.73    | 0.96    | ppb   |
| Molybdenum | 98-1  | 1197.84  | 1224.68  | 1227.43  | 1216.65    | 1.34    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 262.96   | 265.52   | 265.06   | 264.51     | 0.52    | ppb   |
| Phosphorus | 31-2  | 5343.94  | 5351.95  | 5066.44  | 5254.11    | 3.09    | ppb   |
| Potassium  | 39-2  | 12570.75 | 12690.09 | 12701.75 | 12654.20   | 0.57    | ppb   |
| Rhodium    | 103-1 |          |          |          | 100        |         | %     |
| Rhodium    | 103-2 |          |          |          | 99         |         | %     |
| Scandium   | 45-1  |          |          |          | 100        |         | %     |
| Scandium   | 45-2  |          |          |          | 96         |         | %     |
| Selenium   | 77-2  | 222.32   | 256.54   | 274.97   | 251.28     | 10.63   | ppb   |
| Selenium   | 78-2  | 252.65   | 258.00   | 237.75   | 249.47     | 4.21    | ppb   |
| Selenium   | 82-1  | 243.48   | 243.30   | 247.17   | 244.65     | 0.89    | ppb   |
| Silicon    | 28-1  | 262.61   | 262.78   | 260.75   | 262.05     | 0.43    | ppb   |
| Silver     | 109-1 | 256.70   | 255.27   | 256.62   | 256.20     | 0.31    | ppb   |
| Silver     | 107-1 | 255.83   | 257.04   | 257.49   | 256.79     | 0.33    | ppb   |
| Sodium     | 23-2  | 25972.82 | 26180.30 | 26186.74 | 26113.29   | 0.47    | ppb   |
| Strontium  | 86-1  | 242.62   | 240.26   | 245.11   | 242.66     | 1.00    | ppb   |
| Strontium  | 88-1  | 243.40   | 242.40   | 243.80   | 243.20     | 0.30    | ppb   |
| Sulfur     | 34-1  | 5598.04  | 5321.16  | 5257.09  | 5392.10    | 3.36    | ppb   |
| Terbium    | 159-1 |          |          |          | 105        |         | %     |
| Terbium    | 159-2 |          |          |          | 101        |         | %     |
| Thallium   | 203-1 | 243.81   | 243.92   | 242.75   | 243.49     | 0.26    | ppb   |
| Thallium   | 205-1 | 250.72   | 251.70   | 244.57   | 249.00     | 1.55    | ppb   |
| Tin        | 118-1 | 256.67   | 249.76   | 254.08   | 253.50     | 1.38    | ppb   |
| Titanium   | 47-1  | 1254.68  | 1257.52  | 1250.63  | 1254.28    | 0.28    | ppb   |
| Uranium    | 238-1 | 243.91   | 248.01   | 244.20   | 245.37     | 0.93    | ppb   |
| Vanadium   | 51-2  | 254.61   | 256.41   | 256.29   | 255.77     | 0.39    | ppb   |
| Yttrium    | 89-1  |          |          |          | 103        |         | %     |
| Yttrium    | 89-2  |          |          |          | 98         |         | %     |
| Zinc       | 66-2  | 517.97   | 526.09   | 525.81   | 523.29     | 0.88    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S05                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 12:15:46 | DataFile Name :   | 008CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 249.61  | 245.34  | 249.00  | 247.98     | 0.93    | ppb   |
| Zirconium | 91-1 | 242.15  | 239.38  | 244.46  | 242.00     | 1.05    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB100678            | Operator :        | Jaswal     |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S06                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2019-02-05 12:19:22 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9983.02  | 10074.06 | 10244.21 | 10100.43   | 1.31    | ppb   |
| Antimony   | 121-1 | 488.73   | 492.87   | 491.28   | 490.96     | 0.43    | ppb   |
| Arsenic    | 75-2  | 499.40   | 503.34   | 507.12   | 503.29     | 0.77    | ppb   |
| Barium     | 135-1 | 2447.91  | 2439.49  | 2457.94  | 2448.45    | 0.38    | ppb   |
| Barium     | 137-1 | 2453.80  | 2432.03  | 2443.88  | 2443.24    | 0.45    | ppb   |
| Beryllium  | 9-1   | 507.86   | 495.04   | 499.90   | 500.93     | 1.29    | ppb   |
| Bismuth    | 209-1 |          |          |          | 102        |         | %     |
| Bismuth    | 209-2 |          |          |          | 97         |         | %     |
| Boron      | 10-1  | 497.61   | 487.53   | 503.27   | 496.14     | 1.61    | ppb   |
| Boron      | 11-1  | 484.61   | 491.99   | 495.11   | 490.57     | 1.10    | ppb   |
| Cadmium    | 111-1 | 485.68   | 480.94   | 486.79   | 484.47     | 0.64    | ppb   |
| Cadmium    | 106-1 | 485.42   | 491.77   | 486.99   | 488.06     | 0.68    | ppb   |
| Cadmium    | 108-1 | 501.39   | 487.50   | 492.77   | 493.89     | 1.42    | ppb   |
| Calcium    | 43-1  | 49714.37 | 50329.60 | 49741.22 | 49928.40   | 0.70    | ppb   |
| Calcium    | 44-1  | 49248.63 | 48988.05 | 48990.18 | 49075.62   | 0.31    | ppb   |
| Chromium   | 52-2  | 507.88   | 509.26   | 523.30   | 513.48     | 1.66    | ppb   |
| Cobalt     | 59-2  | 520.89   | 521.10   | 526.24   | 522.75     | 0.58    | ppb   |
| Copper     | 63-2  | 1041.93  | 1050.77  | 1074.98  | 1055.89    | 1.62    | 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 |          |          |          | 105        |         | %     |
| Holmium    | 165-2 |          |          |          | 99         |         | %     |
| Indium     | 115-1 |          |          |          | 101        |         | %     |
| Indium     | 115-2 |          |          |          | 94         |         | %     |
| Iron       | 56-2  | 26053.22 | 26256.44 | 26943.59 | 26417.75   | 1.77    | ppb   |
| Iron       | 57-2  | 26745.21 | 26742.80 | 27501.31 | 26996.44   | 1.62    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 499.90   | 490.42   | 503.00   | 497.78     | 1.32    | ppb   |
| Lead       | 207-1 | 501.71   | 500.52   | 494.47   | 498.90     | 0.78    | ppb   |
| Lead       | 208-1 | 501.30   | 497.03   | 495.25   | 497.86     | 0.62    | ppb   |
| Lithium    | 6-1   |          |          |          | 97         |         | %     |
| Magnesium  | 24-2  | 52218.70 | 52006.93 | 53552.35 | 52592.66   | 1.59    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB100678            | Operator :        | Jaswal     |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S06                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2019-02-05 12:19:22 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 1023.57  | 1031.30  | 1045.36  | 1033.41    | 1.07    | ppb   |
| Molybdenum | 94-1  | 2444.53  | 2434.00  | 2431.70  | 2436.74    | 0.28    | ppb   |
| Molybdenum | 95-1  | 2452.92  | 2441.01  | 2437.43  | 2443.79    | 0.33    | ppb   |
| Molybdenum | 96-1  | 2461.16  | 2442.53  | 2460.05  | 2454.58    | 0.43    | ppb   |
| Molybdenum | 97-1  | 2467.04  | 2403.27  | 2459.68  | 2443.33    | 1.43    | ppb   |
| Molybdenum | 98-1  | 2465.40  | 2442.26  | 2467.36  | 2458.34    | 0.57    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 516.97   | 517.05   | 531.28   | 521.77     | 1.58    | ppb   |
| Phosphorus | 31-2  | 10511.31 | 10223.27 | 10235.90 | 10323.49   | 1.58    | ppb   |
| Potassium  | 39-2  | 24994.76 | 25387.53 | 25864.08 | 25415.46   | 1.71    | ppb   |
| Rhodium    | 103-1 |          |          |          | 99         |         | %     |
| Rhodium    | 103-2 |          |          |          | 95         |         | %     |
| Scandium   | 45-1  |          |          |          | 100        |         | %     |
| Scandium   | 45-2  |          |          |          | 95         |         | %     |
| Selenium   | 77-2  | 444.27   | 440.31   | 503.60   | 462.73     | 7.66    | ppb   |
| Selenium   | 78-2  | 508.66   | 511.77   | 500.69   | 507.04     | 1.13    | ppb   |
| Selenium   | 82-1  | 496.06   | 481.05   | 488.28   | 488.46     | 1.54    | ppb   |
| Silicon    | 28-1  | 498.92   | 504.11   | 512.11   | 505.05     | 1.32    | ppb   |
| Silver     | 109-1 | 499.89   | 488.02   | 495.64   | 494.52     | 1.22    | ppb   |
| Silver     | 107-1 | 501.49   | 482.95   | 491.56   | 492.00     | 1.89    | ppb   |
| Sodium     | 23-2  | 51015.08 | 51090.99 | 52528.53 | 51544.87   | 1.65    | ppb   |
| Strontium  | 86-1  | 499.51   | 489.86   | 498.58   | 495.98     | 1.07    | ppb   |
| Strontium  | 88-1  | 487.11   | 482.20   | 489.17   | 486.16     | 0.74    | ppb   |
| Sulfur     | 34-1  | 9565.85  | 9471.50  | 9004.24  | 9347.20    | 3.22    | ppb   |
| Terbium    | 159-1 |          |          |          | 105        |         | %     |
| Terbium    | 159-2 |          |          |          | 99         |         | %     |
| Thallium   | 203-1 | 500.00   | 494.27   | 496.65   | 496.97     | 0.58    | ppb   |
| Thallium   | 205-1 | 496.62   | 490.26   | 494.06   | 493.65     | 0.65    | ppb   |
| Tin        | 118-1 | 499.24   | 497.67   | 496.94   | 497.95     | 0.24    | ppb   |
| Titanium   | 47-1  | 2493.22  | 2474.23  | 2469.18  | 2478.88    | 0.51    | ppb   |
| Uranium    | 238-1 | 491.38   | 488.99   | 494.31   | 491.56     | 0.54    | ppb   |
| Vanadium   | 51-2  | 509.36   | 511.79   | 523.89   | 515.01     | 1.51    | ppb   |
| Yttrium    | 89-1  |          |          |          | 102        |         | %     |
| Yttrium    | 89-2  |          |          |          | 95         |         | %     |
| Zinc       | 66-2  | 1029.70  | 1031.30  | 1056.82  | 1039.27    | 1.46    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S06                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 12:19:22 | DataFile Name :   | 009CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 485.68  | 486.95  | 484.90  | 485.84     | 0.21    | ppb   |
| Zirconium | 91-1 | 495.06  | 490.21  | 496.55  | 493.94     | 0.67    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB100678            | Operator :        | Jaswal     |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S07                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2019-02-05 12:22:51 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 19368.76  | 19228.92  | 19391.60  | 19329.76   | 0.46    | ppb   |
| Antimony   | 121-1 | 1014.12   | 1001.84   | 997.76    | 1004.57    | 0.85    | ppb   |
| Arsenic    | 75-2  | 995.83    | 1004.30   | 999.30    | 999.81     | 0.43    | ppb   |
| Barium     | 135-1 | 5034.24   | 5035.50   | 5009.83   | 5026.53    | 0.29    | ppb   |
| Barium     | 137-1 | 5052.62   | 5030.38   | 5010.89   | 5031.30    | 0.41    | ppb   |
| Beryllium  | 9-1   | 1005.23   | 1002.25   | 995.74    | 1001.07    | 0.48    | ppb   |
| Bismuth    | 209-1 |           |           |           | 98         |         | %     |
| Bismuth    | 209-2 |           |           |           | 97         |         | %     |
| Boron      | 10-1  | 1002.68   | 1003.22   | 1006.46   | 1004.12    | 0.20    | ppb   |
| Boron      | 11-1  | 996.08    | 1010.79   | 1015.94   | 1007.60    | 1.02    | ppb   |
| Cadmium    | 111-1 | 1023.31   | 1001.42   | 1002.74   | 1009.15    | 1.22    | ppb   |
| Cadmium    | 106-1 | 1022.60   | 991.66    | 1005.42   | 1006.56    | 1.54    | ppb   |
| Cadmium    | 108-1 | 1003.73   | 1004.65   | 1001.30   | 1003.23    | 0.17    | ppb   |
| Calcium    | 43-1  | 100871.99 | 102772.90 | 102725.31 | 102123.40  | 1.06    | ppb   |
| Calcium    | 44-1  | 100715.48 | 100608.33 | 101605.85 | 100976.56  | 0.54    | ppb   |
| Chromium   | 52-2  | 991.81    | 981.75    | 1000.36   | 991.31     | 0.94    | ppb   |
| Cobalt     | 59-2  | 989.79    | 983.95    | 980.07    | 984.60     | 0.50    | ppb   |
| Copper     | 63-2  | 1966.68   | 1967.86   | 1952.46   | 1962.33    | 0.44    | 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 |           |           |           | 101        |         | %     |
| Holmium    | 165-2 |           |           |           | 101        |         | %     |
| Indium     | 115-1 |           |           |           | 95         |         | %     |
| Indium     | 115-2 |           |           |           | 93         |         | %     |
| Iron       | 56-2  | 50524.60  | 50238.38  | 50960.63  | 50574.54   | 0.72    | ppb   |
| Iron       | 57-2  | 51552.73  | 51708.27  | 52004.78  | 51755.26   | 0.44    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 1012.90   | 997.81    | 997.49    | 1002.73    | 0.88    | ppb   |
| Lead       | 207-1 | 1013.94   | 1004.07   | 992.18    | 1003.40    | 1.09    | ppb   |
| Lead       | 208-1 | 1007.24   | 1006.50   | 994.46    | 1002.73    | 0.72    | ppb   |
| Lithium    | 6-1   |           |           |           | 96         |         | %     |
| Magnesium  | 24-2  | 99296.48  | 99078.63  | 99175.98  | 99183.70   | 0.11    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB100678            | Operator :        | Jaswal     |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S07                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2019-02-05 12:22:51 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 1979.07  | 1968.81  | 1987.10  | 1978.33    | 0.46    | ppb   |
| Molybdenum | 94-1  | 5045.26  | 5041.06  | 5027.54  | 5037.96    | 0.18    | ppb   |
| Molybdenum | 95-1  | 5036.53  | 5067.50  | 4997.79  | 5033.94    | 0.69    | ppb   |
| Molybdenum | 96-1  | 5031.90  | 5031.75  | 5032.23  | 5031.96    | 0.00    | ppb   |
| Molybdenum | 97-1  | 5024.90  | 5055.05  | 5022.16  | 5034.04    | 0.36    | ppb   |
| Molybdenum | 98-1  | 5054.74  | 5066.37  | 4976.20  | 5032.44    | 0.97    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 988.96   | 986.11   | 978.32   | 984.46     | 0.56    | ppb   |
| Phosphorus | 31-2  | 19236.98 | 20782.12 | 19274.80 | 19764.63   | 4.46    | ppb   |
| Potassium  | 39-2  | 49515.23 | 49083.05 | 49519.60 | 49372.62   | 0.51    | ppb   |
| Rhodium    | 103-1 |          |          |          | 96         |         | %     |
| Rhodium    | 103-2 |          |          |          | 95         |         | %     |
| Scandium   | 45-1  |          |          |          | 97         |         | %     |
| Scandium   | 45-2  |          |          |          | 99         |         | %     |
| Selenium   | 77-2  | 1029.33  | 1040.05  | 983.85   | 1017.74    | 2.93    | ppb   |
| Selenium   | 78-2  | 994.15   | 1016.80  | 980.70   | 997.22     | 1.83    | ppb   |
| Selenium   | 82-1  | 1004.02  | 1018.43  | 1000.37  | 1007.61    | 0.95    | ppb   |
| Silicon    | 28-1  | 995.58   | 980.29   | 997.50   | 991.12     | 0.95    | ppb   |
| Silver     | 109-1 | 1009.55  | 1005.50  | 988.34   | 1001.13    | 1.12    | ppb   |
| Silver     | 107-1 | 1007.66  | 998.76   | 999.95   | 1002.12    | 0.48    | ppb   |
| Sodium     | 23-2  | 99689.24 | 98593.77 | 99619.11 | 99300.71   | 0.62    | ppb   |
| Strontium  | 86-1  | 1004.71  | 1020.56  | 988.12   | 1004.46    | 1.62    | ppb   |
| Strontium  | 88-1  | 1008.85  | 1018.90  | 999.56   | 1009.11    | 0.96    | ppb   |
| Sulfur     | 34-1  | 19994.78 | 19761.47 | 20361.58 | 20039.28   | 1.51    | ppb   |
| Terbium    | 159-1 |          |          |          | 102        |         | %     |
| Terbium    | 159-2 |          |          |          | 100        |         | %     |
| Thallium   | 203-1 | 996.90   | 1012.71  | 1001.14  | 1003.58    | 0.82    | ppb   |
| Thallium   | 205-1 | 1003.67  | 1011.16  | 995.29   | 1003.37    | 0.79    | ppb   |
| Tin        | 118-1 | 1005.18  | 1000.86  | 994.50   | 1000.18    | 0.54    | ppb   |
| Titanium   | 47-1  | 5048.65  | 4971.60  | 5010.65  | 5010.30    | 0.77    | ppb   |
| Uranium    | 238-1 | 1021.72  | 1016.37  | 979.14   | 1005.75    | 2.31    | ppb   |
| Vanadium   | 51-2  | 991.92   | 989.73   | 990.66   | 990.77     | 0.11    | ppb   |
| Yttrium    | 89-1  |          |          |          | 99         |         | %     |
| Yttrium    | 89-2  |          |          |          | 97         |         | %     |
| Zinc       | 66-2  | 1978.44  | 1973.03  | 1966.70  | 1972.72    | 0.30    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S07                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 12:22:51 | DataFile Name :   | 010CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 1000.31 | 1009.62 | 1013.81 | 1007.91    | 0.69    | ppb   |
| Zirconium | 91-1 | 1008.58 | 1005.11 | 1003.40 | 1005.69    | 0.26    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S08                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 12:26:15 | DataFile Name :   | 011CALS.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 98702.64  | 100705.36 | 100958.73 | 100122.24  | 1.23    | ppb   |
| Antimony   | 121-1 | 1.13      | 1.18      | 1.28      | 1.20       | 6.35    | ppb   |
| Arsenic    | 75-2  | 1.52      | 1.16      | 1.30      | 1.33       | 13.81   | ppb   |
| Barium     | 135-1 | 0.38      | 0.40      | 0.48      | 0.42       | 11.93   | ppb   |
| Barium     | 137-1 | 0.44      | 0.43      | 0.40      | 0.43       | 5.57    | ppb   |
| Beryllium  | 9-1   | 0.09      | 0.07      | 0.07      | 0.07       | 14.90   | ppb   |
| Bismuth    | 209-1 |           |           |           | 88         |         | %     |
| Bismuth    | 209-2 |           |           |           | 83         |         | %     |
| Boron      | 10-1  | 27.29     | 25.84     | 25.36     | 26.16      | 3.83    | ppb   |
| Boron      | 11-1  | 26.19     | 23.97     | 23.39     | 24.52      | 6.02    | ppb   |
| Cadmium    | 111-1 | 0.07      | 0.08      | 0.11      | 0.09       | 27.61   | ppb   |
| Cadmium    | 106-1 | 0.34      | 0.69      | 0.90      | 0.64       | 44.03   | ppb   |
| Cadmium    | 108-1 | -0.03     | 0.10      | 0.08      | 0.05       | 148.65  | ppb   |
| Calcium    | 43-1  | 491734.00 | 512465.67 | 494599.70 | 499599.79  | 2.25    | ppb   |
| Calcium    | 44-1  | 489859.00 | 513829.12 | 496089.48 | 499925.86  | 2.49    | ppb   |
| Chromium   | 52-2  | 6.38      | 6.47      | 6.66      | 6.50       | 2.19    | ppb   |
| Cobalt     | 59-2  | 11.23     | 11.39     | 11.22     | 11.28      | 0.84    | ppb   |
| Copper     | 63-2  | 2.00      | 2.07      | 2.09      | 2.05       | 2.21    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 96         |         | %     |
| Holmium    | 165-2 |           |           |           | 95         |         | %     |
| Indium     | 115-1 |           |           |           | 94         |         | %     |
| Indium     | 115-2 |           |           |           | 93         |         | %     |
| Iron       | 56-2  | 247105.41 | 250055.22 | 251933.35 | 249697.99  | 0.97    | ppb   |
| Iron       | 57-2  | 248993.62 | 250798.75 | 248365.75 | 249386.04  | 0.51    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 1.65      | 1.61      | 1.64      | 1.63       | 1.22    | ppb   |
| Lead       | 207-1 | 1.55      | 1.66      | 1.51      | 1.57       | 5.07    | ppb   |
| Lead       | 208-1 | 1.55      | 1.58      | 1.56      | 1.57       | 1.02    | ppb   |
| Lithium    | 6-1   |           |           |           | 96         |         | %     |
| Magnesium  | 24-2  | 493994.16 | 501670.81 | 503726.10 | 499797.02  | 1.03    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB100678            | Operator :        | Jaswal     |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S08                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2019-02-05 12:26:15 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 6.50      | 7.21      | 7.16      | 6.96       | 5.69    | ppb   |
| Molybdenum | 94-1  | 1.58      | 1.64      | 1.59      | 1.60       | 2.12    | ppb   |
| Molybdenum | 95-1  | 1.80      | 2.00      | 1.89      | 1.90       | 5.42    | ppb   |
| Molybdenum | 96-1  | 2.23      | 2.31      | 2.18      | 2.24       | 3.09    | ppb   |
| Molybdenum | 97-1  | 1.90      | 1.86      | 1.76      | 1.84       | 4.04    | ppb   |
| Molybdenum | 98-1  | 1.81      | 1.83      | 1.77      | 1.80       | 1.69    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 11.54     | 12.24     | 12.06     | 11.94      | 3.04    | ppb   |
| Phosphorus | 31-2  | -8.47     | -15.48    | -1.10     | -8.35      |         | ppb   |
| Potassium  | 39-2  | 247466.77 | 250949.94 | 251805.83 | 250074.18  | 0.92    | ppb   |
| Rhodium    | 103-1 |           |           |           | 90         |         | %     |
| Rhodium    | 103-2 |           |           |           | 89         |         | %     |
| Scandium   | 45-1  |           |           |           | 98         |         | %     |
| Scandium   | 45-2  |           |           |           | 100        |         | %     |
| Selenium   | 77-2  | -0.62     | 3.15      | 5.13      | 2.55       | 114.44  | ppb   |
| Selenium   | 78-2  | 2.97      | 1.12      | 0.53      | 1.54       | 82.92   | ppb   |
| Selenium   | 82-1  | -0.35     | 0.38      | 0.85      | 0.29       | 205.64  | ppb   |
| Silicon    | 28-1  | 59.26     | 69.78     | 63.61     | 64.22      | 8.24    | ppb   |
| Silver     | 109-1 | 0.11      | 0.13      | 0.13      | 0.12       | 6.99    | ppb   |
| Silver     | 107-1 | 0.13      | 0.12      | 0.11      | 0.12       | 7.68    | ppb   |
| Sodium     | 23-2  | 494983.01 | 502717.55 | 502029.50 | 499910.02  | 0.86    | ppb   |
| Strontium  | 86-1  | 3.57      | 3.58      | 3.68      | 3.61       | 1.62    | ppb   |
| Strontium  | 88-1  | 3.49      | 3.66      | 3.63      | 3.59       | 2.51    | ppb   |
| Sulfur     | 34-1  | -2188.10  | -1406.17  | -1995.49  | -1863.25   |         | ppb   |
| Terbium    | 159-1 |           |           |           | 97         |         | %     |
| Terbium    | 159-2 |           |           |           | 94         |         | %     |
| Thallium   | 203-1 | 0.06      | 0.07      | 0.04      | 0.06       | 29.10   | ppb   |
| Thallium   | 205-1 | 0.07      | 0.07      | 0.07      | 0.07       | 4.27    | ppb   |
| Tin        | 118-1 | 0.46      | 0.46      | 0.48      | 0.47       | 1.80    | ppb   |
| Titanium   | 47-1  | 0.53      | 0.73      | 0.78      | 0.68       | 19.26   | ppb   |
| Uranium    | 238-1 | 0.01      | 0.01      | 0.00      | 0.01       | 41.12   | ppb   |
| Vanadium   | 51-2  | 0.12      | 0.14      | 0.09      | 0.12       | 19.44   | ppb   |
| Yttrium    | 89-1  |           |           |           | 98         |         | %     |
| Yttrium    | 89-2  |           |           |           | 98         |         | %     |
| Zinc       | 66-2  | 10.03     | 8.72      | 9.09      | 9.28       | 7.27    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S08                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 12:26:15 | DataFile Name :   | 011CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.17    | 0.20    | 0.20    | 0.19       | 8.27    | ppb   |
| Zirconium | 91-1 | 0.20    | 0.19    | 0.18    | 0.19       | 5.14    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100678            | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P8       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-02-05 12:34:09 | DataFile Name :   | 012ICV.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 529.12  | 540.09  | 550.28  | 539.83     | 1.96    | ppb   |
| Antimony   | 121-1 | 200.70  | 198.93  | 203.99  | 201.20     | 1.28    | ppb   |
| Arsenic    | 75-2  | 196.10  | 194.69  | 193.67  | 194.82     | 0.62    | ppb   |
| Barium     | 135-1 | 96.65   | 98.32   | 102.42  | 99.13      | 3.00    | ppb   |
| Barium     | 137-1 | 98.16   | 97.44   | 100.63  | 98.74      | 1.70    | ppb   |
| Beryllium  | 9-1   | 91.32   | 91.52   | 95.72   | 92.85      | 2.68    | ppb   |
| Bismuth    | 209-1 |         |         |         | 85         |         | %     |
| Bismuth    | 209-2 |         |         |         | 88         |         | %     |
| Boron      | 10-1  | 6.72    | 6.28    | 5.94    | 6.31       | 6.23    | ppb   |
| Boron      | 11-1  | 6.43    | 6.44    | 6.51    | 6.46       | 0.66    | ppb   |
| Cadmium    | 111-1 | 98.87   | 99.30   | 102.47  | 100.21     | 1.96    | ppb   |
| Cadmium    | 106-1 | 84.57   | 87.87   | 86.93   | 86.46      | 1.96    | ppb   |
| Cadmium    | 108-1 | 86.24   | 90.09   | 93.73   | 90.02      | 4.16    | ppb   |
| Calcium    | 43-1  | 1947.66 | 1926.63 | 2024.97 | 1966.42    | 2.63    | ppb   |
| Calcium    | 44-1  | 1942.38 | 1952.40 | 2072.90 | 1989.23    | 3.65    | ppb   |
| Chromium   | 52-2  | 96.90   | 96.30   | 97.48   | 96.89      | 0.61    | ppb   |
| Cobalt     | 59-2  | 100.40  | 100.44  | 101.05  | 100.63     | 0.36    | ppb   |
| Copper     | 63-2  | 101.82  | 100.42  | 101.51  | 101.25     | 0.73    | 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 |         |         |         | 87         |         | %     |
| Holmium    | 165-2 |         |         |         | 95         |         | %     |
| Indium     | 115-1 |         |         |         | 92         |         | %     |
| Indium     | 115-2 |         |         |         | 97         |         | %     |
| Iron       | 56-2  | 1021.31 | 1015.80 | 1015.63 | 1017.58    | 0.32    | ppb   |
| Iron       | 57-2  | 1052.59 | 1059.41 | 1056.05 | 1056.02    | 0.32    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 193.96  | 193.53  | 197.86  | 195.12     | 1.22    | ppb   |
| Lead       | 207-1 | 184.83  | 183.75  | 189.13  | 185.90     | 1.53    | ppb   |
| Lead       | 208-1 | 192.45  | 189.21  | 195.20  | 192.29     | 1.56    | ppb   |
| Lithium    | 6-1   |         |         |         | 97         |         | %     |
| Magnesium  | 24-2  | 1219.12 | 1220.67 | 1239.77 | 1226.52    | 0.94    | ppb   |



|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100678            | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P8       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-02-05 12:34:09 | DataFile Name :   | 012ICV.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|---------|------------|---------|-------|
| Manganese  | 55-2  | 99.07    | 96.01    | 99.22   | 98.10      | 1.85    | ppb   |
| Molybdenum | 94-1  | 0.09     | 0.06     | 0.06    | 0.07       | 27.35   | ppb   |
| Molybdenum | 95-1  | 0.06     | 0.04     | 0.07    | 0.05       | 26.45   | ppb   |
| Molybdenum | 96-1  | 0.08     | 0.06     | 0.07    | 0.07       | 15.62   | ppb   |
| Molybdenum | 97-1  | 0.07     | 0.07     | 0.07    | 0.07       | 5.63    | ppb   |
| Molybdenum | 98-1  | 0.04     | 0.05     | 0.06    | 0.05       | 16.84   | ppb   |
| Neodymium  | 150-1 |          |          |         |            |         | cps   |
| Neodymium  | 150-2 |          |          |         |            |         | cps   |
| Nickel     | 60-2  | 101.31   | 101.02   | 101.36  | 101.23     | 0.18    | ppb   |
| Phosphorus | 31-2  | -30.08   | -8.81    | -8.47   | -15.79     |         | ppb   |
| Potassium  | 39-2  | 2106.84  | 2037.90  | 2082.15 | 2075.63    | 1.68    | ppb   |
| Rhodium    | 103-1 |          |          |         | 93         |         | %     |
| Rhodium    | 103-2 |          |          |         | 98         |         | %     |
| Scandium   | 45-1  |          |          |         | 97         |         | %     |
| Scandium   | 45-2  |          |          |         | 101        |         | %     |
| Selenium   | 77-2  | 233.75   | 198.05   | 165.20  | 199.00     | 17.23   | ppb   |
| Selenium   | 78-2  | 210.91   | 194.26   | 189.21  | 198.12     | 5.73    | ppb   |
| Selenium   | 82-1  | 193.03   | 193.19   | 200.64  | 195.62     | 2.22    | ppb   |
| Silicon    | 28-1  | -4.74    | -3.92    | 5.18    | -1.16      |         | ppb   |
| Silver     | 109-1 | 101.87   | 100.71   | 105.86  | 102.81     | 2.63    | ppb   |
| Silver     | 107-1 | 101.60   | 102.71   | 105.93  | 103.41     | 2.17    | ppb   |
| Sodium     | 23-2  | 2101.42  | 2109.79  | 2094.92 | 2102.04    | 0.35    | ppb   |
| Strontium  | 86-1  | 1.86     | 2.03     | 1.94    | 1.94       | 4.52    | ppb   |
| Strontium  | 88-1  | 1.93     | 1.93     | 2.05    | 1.97       | 3.44    | ppb   |
| Sulfur     | 34-1  | -1293.57 | -1280.48 | -196.80 | -923.62    |         | ppb   |
| Terbium    | 159-1 |          |          |         | 90         |         | %     |
| Terbium    | 159-2 |          |          |         | 94         |         | %     |
| Thallium   | 203-1 | 193.36   | 189.37   | 193.95  | 192.23     | 1.30    | ppb   |
| Thallium   | 205-1 | 197.53   | 193.99   | 198.77  | 196.76     | 1.26    | ppb   |
| Tin        | 118-1 | -0.02    | -0.03    | -0.04   | -0.03      |         | ppb   |
| Titanium   | 47-1  | 0.03     | 0.04     | 0.05    | 0.04       | 30.38   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.01    | 0.01       | 21.80   | ppb   |
| Vanadium   | 51-2  | 97.49    | 96.74    | 97.91   | 97.38      | 0.61    | ppb   |
| Yttrium    | 89-1  |          |          |         | 95         |         | %     |
| Yttrium    | 89-2  |          |          |         | 99         |         | %     |
| Zinc       | 66-2  | 200.89   | 200.58   | 200.98  | 200.82     | 0.11    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100678            | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P8       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-02-05 12:34:09 | DataFile Name :   | 012ICV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.00    | 0.01    | 0.01    | 0.01       | 62.13   | ppb   |
| Zirconium | 91-1 | 0.07    | 0.11    | 0.09    | 0.09       | 24.69   | ppb   |

LB Number : LB100678 Operator : Jaswal  
 Lab Sample ID : ICB Instrumnet Name : P8  
 Client Sample ID : ICB Dilution Factor : 1  
 Date & Time Acquired :: 2019-02-05 12:39:06 DataFile Name : 013CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.56   | -0.91   | 0.40    | -0.36      |         | ppb   |
| Antimony   | 121-1 | 0.09    | 0.08    | 0.08    | 0.08       | 7.15    | ppb   |
| Arsenic    | 75-2  | 0.05    | 0.05    | 0.01    | 0.04       | 53.00   | ppb   |
| Barium     | 135-1 | -0.04   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Barium     | 137-1 | -0.02   | -0.03   | -0.03   | -0.02      |         | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.02    | 0.02    | 0.02       | 6.74    | ppb   |
| Bismuth    | 209-1 |         |         |         | 85         |         | %     |
| Bismuth    | 209-2 |         |         |         | 87         |         | %     |
| Boron      | 10-1  | 3.98    | 4.56    | 4.32    | 4.28       | 6.78    | ppb   |
| Boron      | 11-1  | 4.12    | 4.34    | 3.85    | 4.11       | 5.93    | ppb   |
| Cadmium    | 111-1 | 0.11    | 0.11    | 0.10    | 0.11       | 7.37    | ppb   |
| Cadmium    | 106-1 | 1.47    | 1.56    | 1.25    | 1.43       | 11.30   | ppb   |
| Cadmium    | 108-1 | -0.05   | -0.05   | -0.08   | -0.06      |         | ppb   |
| Calcium    | 43-1  | -9.33   | -6.15   | -7.32   | -7.60      |         | ppb   |
| Calcium    | 44-1  | 25.74   | 27.07   | 22.48   | 25.09      | 9.41    | ppb   |
| Chromium   | 52-2  | 0.10    | 0.13    | 0.08    | 0.10       | 22.95   | ppb   |
| Cobalt     | 59-2  | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | -0.20   | -0.24   | -0.21   | -0.22      |         | 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 |         |         |         | 88         |         | %     |
| Holmium    | 165-2 |         |         |         | 92         |         | %     |
| Indium     | 115-1 |         |         |         | 92         |         | %     |
| Indium     | 115-2 |         |         |         | 95         |         | %     |
| Iron       | 56-2  | 0.47    | 0.16    | 0.34    | 0.32       | 47.12   | ppb   |
| Iron       | 57-2  | -0.29   | 0.12    | 0.15    | -0.01      |         | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.11    | 0.09    | 0.07    | 0.09       | 21.58   | ppb   |
| Lead       | 207-1 | 0.06    | 0.07    | 0.07    | 0.06       | 4.53    | ppb   |
| Lead       | 208-1 | 0.08    | 0.08    | 0.06    | 0.08       | 16.09   | ppb   |
| Lithium    | 6-1   |         |         |         | 97         |         | %     |
| Magnesium  | 24-2  | 1.24    | 2.41    | 0.88    | 1.51       | 53.20   | ppb   |

LB Number : LB100678 Operator : Jaswal  
 Lab Sample ID : ICB Instrumnet Name : P8  
 Client Sample ID : ICB Dilution Factor : 1  
 Date & Time Acquired :: 2019-02-05 12:39:06 DataFile Name : 013CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|----------|------------|---------|-------|
| Manganese  | 55-2  | 0.04    | -0.05   | 0.04     | 0.01       | 521.41  | ppb   |
| Molybdenum | 94-1  | 0.02    | 0.01    | 0.01     | 0.02       | 35.14   | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.02    | 0.01     | 0.01       | 134.22  | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.00    | 0.01     | 0.01       | 84.66   | ppb   |
| Molybdenum | 97-1  | 0.02    | 0.00    | 0.01     | 0.01       | 109.56  | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.02    | 0.01     | 0.01       | 89.82   | ppb   |
| Neodymium  | 150-1 |         |         |          |            |         | cps   |
| Neodymium  | 150-2 |         |         |          |            |         | cps   |
| Nickel     | 60-2  | -0.01   | 0.01    | -0.02    | -0.01      |         | ppb   |
| Phosphorus | 31-2  | -15.14  | -15.28  | -23.28   | -17.90     |         | ppb   |
| Potassium  | 39-2  | 45.33   | 49.99   | 38.25    | 44.52      | 13.28   | ppb   |
| Rhodium    | 103-1 |         |         |          | 94         |         | %     |
| Rhodium    | 103-2 |         |         |          | 96         |         | %     |
| Scandium   | 45-1  |         |         |          | 98         |         | %     |
| Scandium   | 45-2  |         |         |          | 100        |         | %     |
| Selenium   | 77-2  | 1.33    | -0.62   | -0.62    | 0.03       | 3666.13 | ppb   |
| Selenium   | 78-2  | 0.23    | 0.23    | -0.10    | 0.12       | 164.02  | ppb   |
| Selenium   | 82-1  | -0.01   | -0.32   | 0.52     | 0.06       | 684.17  | ppb   |
| Silicon    | 28-1  | -5.23   | -4.93   | -9.76    | -6.64      |         | ppb   |
| Silver     | 109-1 | 0.04    | 0.06    | 0.04     | 0.05       | 20.57   | ppb   |
| Silver     | 107-1 | 0.05    | 0.03    | 0.05     | 0.04       | 19.31   | ppb   |
| Sodium     | 23-2  | 73.75   | 67.82   | 63.82    | 68.46      | 7.30    | ppb   |
| Strontium  | 86-1  | 0.07    | 0.06    | -0.02    | 0.04       | 122.45  | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00     | 0.00       | 613.62  | ppb   |
| Sulfur     | 34-1  | -155.68 | -398.20 | -1156.28 | -570.05    |         | ppb   |
| Terbium    | 159-1 |         |         |          | 89         |         | %     |
| Terbium    | 159-2 |         |         |          | 91         |         | %     |
| Thallium   | 203-1 | -0.01   | -0.01   | -0.01    | -0.01      |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | -0.01    | 0.00       |         | ppb   |
| Tin        | 118-1 | -0.03   | -0.03   | -0.02    | -0.02      |         | ppb   |
| Titanium   | 47-1  | 0.01    | 0.00    | 0.01     | 0.01       | 89.13   | ppb   |
| Uranium    | 238-1 | -0.02   | -0.02   | -0.02    | -0.02      |         | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | -0.01    | 0.00       |         | ppb   |
| Yttrium    | 89-1  |         |         |          | 95         |         | %     |
| Yttrium    | 89-2  |         |         |          | 98         |         | %     |
| Zinc       | 66-2  | 0.07    | 0.04    | 0.03     | 0.05       | 43.76   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P8        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 12:39:06 | DataFile Name :   | 013CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | -0.01   | 0.00    | 0.00    | 0.00       | 3435.87 | ppb   |
| Zirconium | 91-1 | 0.00    | 0.00    | -0.02   | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 12:42:35 | DataFile Name :   | 014ICSA.d |

| Parameter  | Mass  | ConRep1   | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 90221.71  | 88234.98 | 88108.92 | 88855.20   | 1.33    | ppb   |
| Antimony   | 121-1 | 1.10      | 1.24     | 1.14     | 1.16       | 6.32    | ppb   |
| Arsenic    | 75-2  | 0.34      | 0.20     | 0.21     | 0.25       | 31.26   | ppb   |
| Barium     | 135-1 | 1.49      | 1.57     | 1.54     | 1.53       | 2.44    | ppb   |
| Barium     | 137-1 | 1.43      | 1.35     | 1.40     | 1.39       | 3.20    | ppb   |
| Beryllium  | 9-1   | 0.23      | 0.28     | 0.27     | 0.26       | 10.50   | ppb   |
| Bismuth    | 209-1 |           |          |          | 83         |         | %     |
| Bismuth    | 209-2 |           |          |          | 84         |         | %     |
| Boron      | 10-1  | 4.30      | 3.98     | 4.27     | 4.19       | 4.21    | ppb   |
| Boron      | 11-1  | 4.16      | 3.63     | 3.77     | 3.85       | 7.03    | ppb   |
| Cadmium    | 111-1 | 0.45      | 0.59     | 0.55     | 0.53       | 13.58   | ppb   |
| Cadmium    | 106-1 | 0.43      | 1.07     | 0.73     | 0.74       | 42.98   | ppb   |
| Cadmium    | 108-1 | 12.54     | 11.63    | 12.47    | 12.21      | 4.14    | ppb   |
| Calcium    | 43-1  | 95204.29  | 95989.48 | 95155.28 | 95449.68   | 0.49    | ppb   |
| Calcium    | 44-1  | 95497.99  | 95098.29 | 95333.75 | 95310.01   | 0.21    | ppb   |
| Chromium   | 52-2  | 20.18     | 20.04    | 20.05    | 20.09      | 0.40    | ppb   |
| Cobalt     | 59-2  | 1.16      | 1.05     | 1.09     | 1.10       | 4.87    | ppb   |
| Copper     | 63-2  | 7.94      | 7.84     | 7.71     | 7.83       | 1.49    | 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 |           |          |          | 89         |         | %     |
| Holmium    | 165-2 |           |          |          | 92         |         | %     |
| Indium     | 115-1 |           |          |          | 92         |         | %     |
| Indium     | 115-2 |           |          |          | 94         |         | %     |
| Iron       | 56-2  | 101019.22 | 97946.31 | 98043.04 | 99002.85   | 1.76    | ppb   |
| Iron       | 57-2  | 103397.12 | 99692.30 | 99554.13 | 100881.18  | 2.16    | ppb   |
| Krypton    | 83-1  |           |          |          |            |         | cps   |
| Lead       | 206-1 | 4.65      | 4.95     | 4.76     | 4.78       | 3.25    | ppb   |
| Lead       | 207-1 | 4.16      | 4.14     | 3.95     | 4.08       | 2.88    | ppb   |
| Lead       | 208-1 | 4.35      | 4.46     | 4.34     | 4.38       | 1.47    | ppb   |
| Lithium    | 6-1   |           |          |          | 98         |         | %     |
| Magnesium  | 24-2  | 100184.18 | 99298.78 | 98799.85 | 99427.60   | 0.71    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 12:42:35 | DataFile Name :   | 014ICSA.d |

| Parameter  | Mass  | ConRep1   | ConRep2  | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 7.70      | 7.41     | 7.45      | 7.52       | 2.10    | ppb   |
| Molybdenum | 94-1  | 1265.83   | 1255.17  | 1252.15   | 1257.72    | 0.57    | ppb   |
| Molybdenum | 95-1  | 1742.91   | 1739.14  | 1728.56   | 1736.87    | 0.43    | ppb   |
| Molybdenum | 96-1  | 1661.43   | 1680.39  | 1686.06   | 1675.96    | 0.77    | ppb   |
| Molybdenum | 97-1  | 1748.32   | 1756.67  | 1763.67   | 1756.22    | 0.44    | ppb   |
| Molybdenum | 98-1  | 1709.34   | 1757.34  | 1723.64   | 1730.11    | 1.42    | ppb   |
| Neodymium  | 150-1 |           |          |           |            |         | cps   |
| Neodymium  | 150-2 |           |          |           |            |         | cps   |
| Nickel     | 60-2  | 5.21      | 5.36     | 5.27      | 5.28       | 1.44    | ppb   |
| Phosphorus | 31-2  | 101059.68 | 99394.76 | 98403.40  | 99619.28   | 1.35    | ppb   |
| Potassium  | 39-2  | 100933.38 | 98366.68 | 98555.28  | 99285.12   | 1.44    | ppb   |
| Rhodium    | 103-1 |           |          |           | 91         |         | %     |
| Rhodium    | 103-2 |           |          |           | 92         |         | %     |
| Scandium   | 45-1  |           |          |           | 98         |         | %     |
| Scandium   | 45-2  |           |          |           | 99         |         | %     |
| Selenium   | 77-2  | 1.32      | 1.31     | 1.30      | 1.31       | 0.63    | ppb   |
| Selenium   | 78-2  | 0.85      | 0.85     | -0.40     | 0.43       | 166.29  | ppb   |
| Selenium   | 82-1  | -0.13     | -0.65    | -0.76     | -0.51      |         | ppb   |
| Silicon    | 28-1  | 36.96     | 37.93    | 36.56     | 37.15      | 1.91    | ppb   |
| Silver     | 109-1 | 0.21      | 0.24     | 0.24      | 0.23       | 7.66    | ppb   |
| Silver     | 107-1 | 0.22      | 0.24     | 0.22      | 0.23       | 6.03    | ppb   |
| Sodium     | 23-2  | 101579.65 | 99624.14 | 100237.12 | 100480.30  | 1.00    | ppb   |
| Strontium  | 86-1  | 27.79     | 27.93    | 28.42     | 28.05      | 1.19    | ppb   |
| Strontium  | 88-1  | 28.27     | 28.59    | 28.41     | 28.42      | 0.55    | ppb   |
| Sulfur     | 34-1  | 95062.56  | 93888.23 | 94316.00  | 94422.26   | 0.63    | ppb   |
| Terbium    | 159-1 |           |          |           | 89         |         | %     |
| Terbium    | 159-2 |           |          |           | 92         |         | %     |
| Thallium   | 203-1 | 0.04      | 0.06     | 0.04      | 0.05       | 26.39   | ppb   |
| Thallium   | 205-1 | 0.06      | 0.04     | 0.05      | 0.05       | 21.77   | ppb   |
| Tin        | 118-1 | 0.11      | 0.13     | 0.12      | 0.12       | 8.05    | ppb   |
| Titanium   | 47-1  | 1916.55   | 1918.82  | 1868.24   | 1901.20    | 1.50    | ppb   |
| Uranium    | 238-1 | 0.01      | 0.00     | 0.00      | 0.00       | 365.17  | ppb   |
| Vanadium   | 51-2  | 0.13      | 0.13     | 0.12      | 0.13       | 4.46    | ppb   |
| Yttrium    | 89-1  |           |          |           | 96         |         | %     |
| Yttrium    | 89-2  |           |          |           | 96         |         | %     |
| Zinc       | 66-2  | 13.61     | 13.74    | 13.52     | 13.62      | 0.84    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 12:42:35 | DataFile Name :   | 014ICSA.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.02    | 0.03    | 0.02    | 0.03       | 25.64   | ppb   |
| Zirconium | 91-1 | 0.03    | 0.04    | 0.03    | 0.03       | 17.21   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 12:45:56 | DataFile Name :   | 015ICSB.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 88386.84  | 88518.69  | 89438.53  | 88781.35   | 0.65    | ppb   |
| Antimony   | 121-1 | 21.16     | 20.86     | 20.33     | 20.78      | 2.01    | ppb   |
| Arsenic    | 75-2  | 19.07     | 19.45     | 18.37     | 18.96      | 2.89    | ppb   |
| Barium     | 135-1 | 22.07     | 21.62     | 21.10     | 21.60      | 2.24    | ppb   |
| Barium     | 137-1 | 21.35     | 21.56     | 20.78     | 21.23      | 1.90    | ppb   |
| Beryllium  | 9-1   | 18.74     | 18.45     | 18.05     | 18.41      | 1.88    | ppb   |
| Bismuth    | 209-1 |           |           |           | 86         |         | %     |
| Bismuth    | 209-2 |           |           |           | 86         |         | %     |
| Boron      | 10-1  | 67.04     | 67.12     | 64.90     | 66.35      | 1.89    | ppb   |
| Boron      | 11-1  | 66.66     | 64.32     | 63.30     | 64.76      | 2.66    | ppb   |
| Cadmium    | 111-1 | 20.92     | 20.76     | 20.23     | 20.64      | 1.74    | ppb   |
| Cadmium    | 106-1 | 28.69     | 28.03     | 27.91     | 28.21      | 1.49    | ppb   |
| Cadmium    | 108-1 | 36.47     | 35.36     | 34.01     | 35.28      | 3.49    | ppb   |
| Calcium    | 43-1  | 96916.07  | 99632.67  | 98318.80  | 98289.18   | 1.38    | ppb   |
| Calcium    | 44-1  | 96482.85  | 97416.43  | 96593.37  | 96830.88   | 0.53    | ppb   |
| Chromium   | 52-2  | 39.43     | 39.89     | 38.98     | 39.43      | 1.16    | ppb   |
| Cobalt     | 59-2  | 20.37     | 20.76     | 20.91     | 20.68      | 1.35    | ppb   |
| Copper     | 63-2  | 27.38     | 27.99     | 27.68     | 27.68      | 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 |           |           |           | 92         |         | %     |
| Holmium    | 165-2 |           |           |           | 95         |         | %     |
| Indium     | 115-1 |           |           |           | 95         |         | %     |
| Indium     | 115-2 |           |           |           | 94         |         | %     |
| Iron       | 56-2  | 99100.53  | 100819.06 | 101268.37 | 100395.99  | 1.14    | ppb   |
| Iron       | 57-2  | 100446.52 | 103381.20 | 103213.28 | 102347.00  | 1.61    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 24.49     | 24.81     | 24.58     | 24.63      | 0.67    | ppb   |
| Lead       | 207-1 | 22.27     | 22.53     | 21.90     | 22.23      | 1.42    | ppb   |
| Lead       | 208-1 | 23.13     | 23.34     | 22.86     | 23.11      | 1.06    | ppb   |
| Lithium    | 6-1   |           |           |           | 104        |         | %     |
| Magnesium  | 24-2  | 99553.09  | 101281.75 | 100516.91 | 100450.58  | 0.86    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 12:45:56 | DataFile Name :   | 015ICSB.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 27.37     | 27.53     | 27.15     | 27.35      | 0.69    | ppb   |
| Molybdenum | 94-1  | 1396.60   | 1371.06   | 1396.61   | 1388.09    | 1.06    | ppb   |
| Molybdenum | 95-1  | 1814.81   | 1828.82   | 1819.24   | 1820.96    | 0.39    | ppb   |
| Molybdenum | 96-1  | 1747.19   | 1746.48   | 1752.54   | 1748.74    | 0.19    | ppb   |
| Molybdenum | 97-1  | 1801.42   | 1772.07   | 1815.23   | 1796.24    | 1.23    | ppb   |
| Molybdenum | 98-1  | 1791.11   | 1779.33   | 1831.17   | 1800.54    | 1.51    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 24.81     | 25.15     | 24.80     | 24.92      | 0.79    | ppb   |
| Phosphorus | 31-2  | 99777.35  | 99680.42  | 100291.27 | 99916.35   | 0.33    | ppb   |
| Potassium  | 39-2  | 97690.53  | 99880.07  | 99852.44  | 99141.01   | 1.27    | ppb   |
| Rhodium    | 103-1 |           |           |           | 92         |         | %     |
| Rhodium    | 103-2 |           |           |           | 93         |         | %     |
| Scandium   | 45-1  |           |           |           | 99         |         | %     |
| Scandium   | 45-2  |           |           |           | 99         |         | %     |
| Selenium   | 77-2  | 14.74     | 24.55     | 12.81     | 17.37      | 36.25   | ppb   |
| Selenium   | 78-2  | 19.35     | 21.70     | 15.64     | 18.90      | 16.16   | ppb   |
| Selenium   | 82-1  | 18.08     | 17.52     | 19.49     | 18.36      | 5.54    | ppb   |
| Silicon    | 28-1  | 96.68     | 101.46    | 98.38     | 98.84      | 2.45    | ppb   |
| Silver     | 109-1 | 19.66     | 19.58     | 18.91     | 19.38      | 2.12    | ppb   |
| Silver     | 107-1 | 19.75     | 19.40     | 19.18     | 19.44      | 1.48    | ppb   |
| Sodium     | 23-2  | 101035.74 | 101868.17 | 101607.53 | 101503.81  | 0.42    | ppb   |
| Strontium  | 86-1  | 79.72     | 78.85     | 78.48     | 79.02      | 0.81    | ppb   |
| Strontium  | 88-1  | 81.86     | 80.22     | 80.81     | 80.96      | 1.02    | ppb   |
| Sulfur     | 34-1  | 96492.92  | 98000.48  | 96928.85  | 97140.75   | 0.80    | ppb   |
| Terbium    | 159-1 |           |           |           | 92         |         | %     |
| Terbium    | 159-2 |           |           |           | 94         |         | %     |
| Thallium   | 203-1 | 19.25     | 19.41     | 19.28     | 19.31      | 0.43    | ppb   |
| Thallium   | 205-1 | 19.09     | 19.34     | 19.69     | 19.37      | 1.57    | ppb   |
| Tin        | 118-1 | 62.71     | 60.46     | 60.40     | 61.19      | 2.15    | ppb   |
| Titanium   | 47-1  | 1988.03   | 2015.12   | 1992.79   | 1998.65    | 0.72    | ppb   |
| Uranium    | 238-1 | 58.48     | 59.75     | 58.70     | 58.97      | 1.15    | ppb   |
| Vanadium   | 51-2  | 19.42     | 19.23     | 19.40     | 19.35      | 0.54    | ppb   |
| Yttrium    | 89-1  |           |           |           | 98         |         | %     |
| Yttrium    | 89-2  |           |           |           | 97         |         | %     |
| Zinc       | 66-2  | 34.47     | 34.68     | 34.12     | 34.42      | 0.83    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 12:45:56 | DataFile Name :   | 015ICSB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 61.57   | 61.46   | 61.76   | 61.60      | 0.24    | ppb   |
| Zirconium | 91-1 | 61.69   | 60.83   | 61.32   | 61.28      | 0.71    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100678            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV070              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV070              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-02-05 12:49:19 | DataFile Name :   | 016CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 52504.59  | 52235.50  | 52010.57  | 52250.22   | 0.47    | ppb   |
| Antimony   | 121-1 | 518.98    | 503.55    | 517.92    | 513.49     | 1.68    | ppb   |
| Arsenic    | 75-2  | 498.06    | 501.16    | 498.10    | 499.11     | 0.36    | ppb   |
| Barium     | 135-1 | 2585.09   | 2558.63   | 2587.81   | 2577.18    | 0.63    | ppb   |
| Barium     | 137-1 | 2474.67   | 2520.18   | 2554.27   | 2516.37    | 1.59    | ppb   |
| Beryllium  | 9-1   | 491.94    | 479.61    | 478.86    | 483.47     | 1.52    | ppb   |
| Bismuth    | 209-1 |           |           |           | 85         |         | %     |
| Bismuth    | 209-2 |           |           |           | 83         |         | %     |
| Boron      | 10-1  | 471.02    | 470.77    | 473.08    | 471.62     | 0.27    | ppb   |
| Boron      | 11-1  | 455.55    | 470.54    | 460.69    | 462.26     | 1.65    | ppb   |
| Cadmium    | 111-1 | 495.22    | 502.55    | 499.51    | 499.09     | 0.74    | ppb   |
| Cadmium    | 106-1 | 499.70    | 516.63    | 513.59    | 509.97     | 1.77    | ppb   |
| Cadmium    | 108-1 | 500.89    | 510.45    | 506.18    | 505.84     | 0.95    | ppb   |
| Calcium    | 43-1  | 238385.44 | 232716.68 | 238980.37 | 236694.17  | 1.46    | ppb   |
| Calcium    | 44-1  | 239355.82 | 235669.89 | 237396.76 | 237474.16  | 0.78    | ppb   |
| Chromium   | 52-2  | 496.69    | 495.69    | 487.90    | 493.43     | 0.98    | ppb   |
| Cobalt     | 59-2  | 503.19    | 493.80    | 492.15    | 496.38     | 1.20    | ppb   |
| Copper     | 63-2  | 950.91    | 957.90    | 942.07    | 950.29     | 0.83    | 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 |           |           |           | 91         |         | %     |
| Holmium    | 165-2 |           |           |           | 94         |         | %     |
| Indium     | 115-1 |           |           |           | 93         |         | %     |
| Indium     | 115-2 |           |           |           | 93         |         | %     |
| Iron       | 56-2  | 123908.56 | 124253.53 | 123855.15 | 124005.74  | 0.17    | ppb   |
| Iron       | 57-2  | 126042.40 | 125825.00 | 124459.01 | 125442.14  | 0.68    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 495.00    | 493.96    | 495.87    | 494.94     | 0.19    | ppb   |
| Lead       | 207-1 | 490.45    | 500.99    | 488.10    | 493.18     | 1.39    | ppb   |
| Lead       | 208-1 | 493.14    | 498.45    | 494.47    | 495.35     | 0.56    | ppb   |
| Lithium    | 6-1   |           |           |           | 101        |         | %     |
| Magnesium  | 24-2  | 248197.06 | 246927.47 | 245833.74 | 246986.09  | 0.48    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100678            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV070              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV070              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-02-05 12:49:19 | DataFile Name :   | 016CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 1002.35   | 997.44    | 999.24    | 999.68     | 0.25    | ppb   |
| Molybdenum | 94-1  | 2409.99   | 2388.11   | 2391.48   | 2396.52    | 0.49    | ppb   |
| Molybdenum | 95-1  | 2377.57   | 2401.56   | 2385.47   | 2388.20    | 0.51    | ppb   |
| Molybdenum | 96-1  | 2398.50   | 2397.84   | 2344.56   | 2380.30    | 1.30    | ppb   |
| Molybdenum | 97-1  | 2401.11   | 2363.12   | 2354.07   | 2372.77    | 1.05    | ppb   |
| Molybdenum | 98-1  | 2396.21   | 2415.07   | 2370.85   | 2394.04    | 0.93    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 482.64    | 480.81    | 480.61    | 481.35     | 0.23    | ppb   |
| Phosphorus | 31-2  | 9965.69   | 10044.81  | 10306.45  | 10105.65   | 1.76    | ppb   |
| Potassium  | 39-2  | 125488.20 | 125961.21 | 123830.63 | 125093.35  | 0.89    | ppb   |
| Rhodium    | 103-1 |           |           |           | 91         |         | %     |
| Rhodium    | 103-2 |           |           |           | 92         |         | %     |
| Scandium   | 45-1  |           |           |           | 102        |         | %     |
| Scandium   | 45-2  |           |           |           | 104        |         | %     |
| Selenium   | 77-2  | 512.83    | 496.09    | 473.69    | 494.20     | 3.97    | ppb   |
| Selenium   | 78-2  | 491.29    | 500.93    | 477.34    | 489.85     | 2.42    | ppb   |
| Selenium   | 82-1  | 482.67    | 481.61    | 476.20    | 480.16     | 0.72    | ppb   |
| Silicon    | 28-1  | 495.41    | 491.91    | 495.03    | 494.11     | 0.39    | ppb   |
| Silver     | 109-1 | 502.97    | 512.52    | 509.62    | 508.37     | 0.96    | ppb   |
| Silver     | 107-1 | 494.14    | 506.42    | 510.23    | 503.59     | 1.67    | ppb   |
| Sodium     | 23-2  | 248564.19 | 248306.70 | 247115.26 | 247995.38  | 0.31    | ppb   |
| Strontium  | 86-1  | 487.77    | 495.73    | 490.98    | 491.49     | 0.81    | ppb   |
| Strontium  | 88-1  | 479.89    | 485.02    | 488.43    | 484.45     | 0.89    | ppb   |
| Sulfur     | 34-1  | 9457.57   | 9620.79   | 9207.04   | 9428.47    | 2.21    | ppb   |
| Terbium    | 159-1 |           |           |           | 93         |         | %     |
| Terbium    | 159-2 |           |           |           | 95         |         | %     |
| Thallium   | 203-1 | 501.33    | 495.03    | 501.66    | 499.34     | 0.75    | ppb   |
| Thallium   | 205-1 | 491.21    | 496.01    | 500.75    | 495.99     | 0.96    | ppb   |
| Tin        | 118-1 | 524.81    | 514.99    | 526.14    | 521.98     | 1.17    | ppb   |
| Titanium   | 47-1  | 2451.00   | 2434.62   | 2441.29   | 2442.31    | 0.34    | ppb   |
| Uranium    | 238-1 | 481.50    | 493.19    | 485.07    | 486.59     | 1.23    | ppb   |
| Vanadium   | 51-2  | 499.16    | 498.80    | 496.81    | 498.26     | 0.25    | ppb   |
| Yttrium    | 89-1  |           |           |           | 99         |         | %     |
| Yttrium    | 89-2  |           |           |           | 99         |         | %     |
| Zinc       | 66-2  | 967.16    | 969.49    | 964.64    | 967.10     | 0.25    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100678            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV070              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV070              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-02-05 12:49:19 | DataFile Name :   | 016CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 489.38  | 483.38  | 488.35  | 487.04     | 0.66    | ppb   |
| Zirconium | 91-1 | 487.55  | 492.05  | 490.22  | 489.94     | 0.46    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB070              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB070              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:00:05 | DataFile Name :   | 017CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.08    | -0.06   | -1.76   | -0.25      |         | ppb   |
| Antimony   | 121-1 | 0.10    | 0.09    | 0.12    | 0.11       | 15.07   | ppb   |
| Arsenic    | 75-2  | 0.02    | 0.01    | -0.01   | 0.00       | 308.78  | ppb   |
| Barium     | 135-1 | -0.01   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Barium     | 137-1 | -0.01   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.02    | 0.01    | 0.01       | 61.54   | ppb   |
| Bismuth    | 209-1 |         |         |         | 88         |         | %     |
| Bismuth    | 209-2 |         |         |         | 89         |         | %     |
| Boron      | 10-1  | 4.26    | 3.75    | 3.64    | 3.88       | 8.54    | ppb   |
| Boron      | 11-1  | 3.46    | 3.70    | 3.30    | 3.49       | 5.67    | ppb   |
| Cadmium    | 111-1 | 0.07    | 0.00    | 0.04    | 0.03       | 100.46  | ppb   |
| Cadmium    | 106-1 | 0.89    | -0.01   | 0.52    | 0.47       | 96.80   | ppb   |
| Cadmium    | 108-1 | -0.11   | -0.05   | -0.03   | -0.06      |         | ppb   |
| Calcium    | 43-1  | -13.58  | -5.58   | -12.76  | -10.64     |         | ppb   |
| Calcium    | 44-1  | 30.13   | 30.43   | 28.04   | 29.53      | 4.42    | ppb   |
| Chromium   | 52-2  | 0.11    | 0.03    | 0.09    | 0.08       | 51.66   | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Copper     | 63-2  | -0.20   | -0.17   | -0.19   | -0.19      |         | 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 |         |         |         | 90         |         | %     |
| Holmium    | 165-2 |         |         |         | 94         |         | %     |
| Indium     | 115-1 |         |         |         | 94         |         | %     |
| Indium     | 115-2 |         |         |         | 95         |         | %     |
| Iron       | 56-2  | 0.41    | 0.48    | 0.32    | 0.40       | 18.79   | ppb   |
| Iron       | 57-2  | 0.10    | -0.29   | 0.31    | 0.04       | 818.12  | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.10    | 0.10    | 0.10    | 0.10       | 3.81    | ppb   |
| Lead       | 207-1 | 0.06    | 0.06    | 0.07    | 0.06       | 4.48    | ppb   |
| Lead       | 208-1 | 0.09    | 0.08    | 0.08    | 0.08       | 5.48    | ppb   |
| Lithium    | 6-1   |         |         |         | 98         |         | %     |
| Magnesium  | 24-2  | 2.51    | 0.81    | 1.70    | 1.67       | 50.69   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB070              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB070              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:00:05 | DataFile Name :   | 017CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | -0.01   | 0.06    | -0.02   | 0.01       | 486.29  | ppb   |
| Molybdenum | 94-1  | 0.05    | 0.08    | 0.09    | 0.07       | 30.17   | ppb   |
| Molybdenum | 95-1  | 0.05    | 0.04    | 0.07    | 0.06       | 21.10   | ppb   |
| Molybdenum | 96-1  | 0.04    | 0.06    | 0.05    | 0.05       | 19.59   | ppb   |
| Molybdenum | 97-1  | 0.07    | 0.07    | 0.07    | 0.07       | 1.90    | ppb   |
| Molybdenum | 98-1  | 0.08    | 0.07    | 0.07    | 0.07       | 8.78    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.02   | -0.03   | -0.01   | -0.02      |         | ppb   |
| Phosphorus | 31-2  | -22.66  | -0.49   | -15.40  | -12.85     |         | ppb   |
| Potassium  | 39-2  | 44.97   | 51.91   | 50.21   | 49.03      | 7.38    | ppb   |
| Rhodium    | 103-1 |         |         |         | 96         |         | %     |
| Rhodium    | 103-2 |         |         |         | 97         |         | %     |
| Scandium   | 45-1  |         |         |         | 98         |         | %     |
| Scandium   | 45-2  |         |         |         | 99         |         | %     |
| Selenium   | 77-2  | 1.28    | -0.62   | -0.62   | 0.01       | 7687.44 | ppb   |
| Selenium   | 78-2  | 0.52    | 0.53    | 0.84    | 0.63       | 29.23   | ppb   |
| Selenium   | 82-1  | -0.30   | -0.62   | 0.26    | -0.22      |         | ppb   |
| Silicon    | 28-1  | -8.45   | -6.59   | -8.05   | -7.70      |         | ppb   |
| Silver     | 109-1 | 0.03    | 0.03    | 0.03    | 0.03       | 5.92    | ppb   |
| Silver     | 107-1 | 0.04    | 0.04    | 0.03    | 0.04       | 15.78   | ppb   |
| Sodium     | 23-2  | 57.74   | 59.94   | 60.40   | 59.36      | 2.39    | ppb   |
| Strontium  | 86-1  | 0.01    | 0.12    | -0.01   | 0.04       | 165.58  | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | 349.17  | ppb   |
| Sulfur     | 34-1  | 255.15  | 411.39  | 81.00   | 249.18     | 66.33   | ppb   |
| Terbium    | 159-1 |         |         |         | 92         |         | %     |
| Terbium    | 159-2 |         |         |         | 93         |         | %     |
| Thallium   | 203-1 | 0.05    | 0.06    | 0.05    | 0.05       | 13.30   | ppb   |
| Thallium   | 205-1 | 0.06    | 0.07    | 0.06    | 0.07       | 5.81    | ppb   |
| Tin        | 118-1 | -0.04   | -0.03   | 0.00    | -0.03      |         | ppb   |
| Titanium   | 47-1  | 0.03    | 0.03    | 0.03    | 0.03       | 3.40    | ppb   |
| Uranium    | 238-1 | -0.01   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Vanadium   | 51-2  | -0.02   | 0.00    | -0.02   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         | 97         |         | %     |
| Yttrium    | 89-2  |         |         |         | 97         |         | %     |
| Zinc       | 66-2  | -0.02   | 0.06    | -0.08   | -0.01      |         | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB070              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB070              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:00:05 | DataFile Name :   | 017CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.01    | 0.01    | 0.02    | 0.01       | 58.13   | ppb   |
| Zirconium | 91-1 | 0.01    | 0.02    | 0.02    | 0.02       | 35.12   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:03:34 | DataFile Name :   | 018LLCC.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 19.47   | 19.82   | 22.47   | 20.59      | 7.97    | ppb   |
| Antimony   | 121-1 | 1.98    | 1.92    | 1.88    | 1.92       | 2.62    | ppb   |
| Arsenic    | 75-2  | 1.03    | 1.09    | 1.00    | 1.04       | 4.36    | ppb   |
| Barium     | 135-1 | 10.10   | 9.91    | 9.99    | 10.00      | 1.00    | ppb   |
| Barium     | 137-1 | 10.04   | 9.96    | 9.91    | 9.97       | 0.68    | ppb   |
| Beryllium  | 9-1   | 0.91    | 1.00    | 0.92    | 0.94       | 5.19    | ppb   |
| Bismuth    | 209-1 |         |         |         | 88         |         | %     |
| Bismuth    | 209-2 |         |         |         | 89         |         | %     |
| Boron      | 10-1  | 25.39   | 26.57   | 24.90   | 25.62      | 3.36    | ppb   |
| Boron      | 11-1  | 25.07   | 25.46   | 24.60   | 25.04      | 1.71    | ppb   |
| Cadmium    | 111-1 | 1.02    | 0.94    | 0.88    | 0.95       | 7.88    | ppb   |
| Cadmium    | 106-1 | 1.10    | 0.93    | 0.73    | 0.92       | 20.52   | ppb   |
| Cadmium    | 108-1 | 0.84    | 0.85    | 1.03    | 0.91       | 11.67   | ppb   |
| Calcium    | 43-1  | 452.29  | 468.27  | 457.65  | 459.40     | 1.77    | ppb   |
| Calcium    | 44-1  | 504.37  | 492.48  | 492.68  | 496.51     | 1.37    | ppb   |
| Chromium   | 52-2  | 1.97    | 2.03    | 2.01    | 2.01       | 1.49    | ppb   |
| Cobalt     | 59-2  | 0.98    | 0.90    | 0.90    | 0.93       | 4.69    | ppb   |
| Copper     | 63-2  | 1.83    | 1.76    | 1.68    | 1.76       | 4.27    | 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 |         |         |         | 90         |         | %     |
| Holmium    | 165-2 |         |         |         | 95         |         | %     |
| Indium     | 115-1 |         |         |         | 95         |         | %     |
| Indium     | 115-2 |         |         |         | 95         |         | %     |
| Iron       | 56-2  | 55.07   | 54.69   | 53.93   | 54.56      | 1.06    | ppb   |
| Iron       | 57-2  | 57.89   | 57.07   | 53.32   | 56.09      | 4.34    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 1.01    | 0.97    | 0.95    | 0.97       | 3.02    | ppb   |
| Lead       | 207-1 | 0.99    | 0.96    | 0.94    | 0.96       | 2.70    | ppb   |
| Lead       | 208-1 | 0.97    | 0.97    | 0.93    | 0.96       | 2.35    | ppb   |
| Lithium    | 6-1   |         |         |         | 97         |         | %     |
| Magnesium  | 24-2  | 519.96  | 511.24  | 496.31  | 509.17     | 2.35    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:03:34 | DataFile Name :   | 018LLCC.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 1.10    | 1.04    | 0.97    | 1.03       | 6.31    | ppb   |
| Molybdenum | 94-1  | 4.94    | 4.71    | 4.51    | 4.72       | 4.65    | ppb   |
| Molybdenum | 95-1  | 4.69    | 4.47    | 4.40    | 4.52       | 3.40    | ppb   |
| Molybdenum | 96-1  | 4.61    | 4.69    | 4.51    | 4.61       | 1.91    | ppb   |
| Molybdenum | 97-1  | 4.52    | 4.53    | 4.64    | 4.56       | 1.39    | ppb   |
| Molybdenum | 98-1  | 4.54    | 4.52    | 4.68    | 4.58       | 1.85    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.05    | 1.10    | 1.09    | 1.08       | 2.63    | ppb   |
| Phosphorus | 31-2  | -0.50   | 79.55   | 36.63   | 38.56      | 103.89  | ppb   |
| Potassium  | 39-2  | 523.93  | 509.80  | 536.53  | 523.42     | 2.55    | ppb   |
| Rhodium    | 103-1 |         |         |         | 96         |         | %     |
| Rhodium    | 103-2 |         |         |         | 97         |         | %     |
| Scandium   | 45-1  |         |         |         | 98         |         | %     |
| Scandium   | 45-2  |         |         |         | 99         |         | %     |
| Selenium   | 77-2  | 7.02    | 10.88   | 3.23    | 7.04       | 54.32   | ppb   |
| Selenium   | 78-2  | 4.83    | 4.22    | 6.71    | 5.25       | 24.67   | ppb   |
| Selenium   | 82-1  | 4.92    | 4.56    | 4.59    | 4.69       | 4.23    | ppb   |
| Silicon    | 28-1  | 7.70    | 5.64    | 5.08    | 6.14       | 22.40   | ppb   |
| Silver     | 109-1 | 1.17    | 1.07    | 1.06    | 1.10       | 5.56    | ppb   |
| Silver     | 107-1 | 1.13    | 1.08    | 1.12    | 1.11       | 2.51    | ppb   |
| Sodium     | 23-2  | 557.17  | 536.65  | 548.20  | 547.34     | 1.88    | ppb   |
| Strontium  | 86-1  | 0.86    | 0.75    | 0.81    | 0.81       | 7.06    | ppb   |
| Strontium  | 88-1  | 0.80    | 0.83    | 0.82    | 0.82       | 1.98    | ppb   |
| Sulfur     | 34-1  | 798.93  | 500.45  | 192.41  | 497.26     | 60.99   | ppb   |
| Terbium    | 159-1 |         |         |         | 92         |         | %     |
| Terbium    | 159-2 |         |         |         | 93         |         | %     |
| Thallium   | 203-1 | 0.99    | 0.98    | 0.97    | 0.98       | 1.34    | ppb   |
| Thallium   | 205-1 | 0.89    | 0.99    | 0.97    | 0.95       | 5.64    | ppb   |
| Tin        | 118-1 | 5.14    | 5.18    | 5.09    | 5.14       | 0.94    | ppb   |
| Titanium   | 47-1  | 4.68    | 4.81    | 5.09    | 4.86       | 4.38    | ppb   |
| Uranium    | 238-1 | 0.88    | 0.87    | 0.83    | 0.86       | 2.93    | ppb   |
| Vanadium   | 51-2  | 4.93    | 5.04    | 4.94    | 4.97       | 1.32    | ppb   |
| Yttrium    | 89-1  |         |         |         | 96         |         | %     |
| Yttrium    | 89-2  |         |         |         | 97         |         | %     |
| Zinc       | 66-2  | 2.12    | 1.90    | 1.55    | 1.86       | 15.50   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:03:34 | DataFile Name :   | 018LLCC.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.92    | 0.94    | 0.96    | 0.94       | 2.11    | ppb   |
| Zirconium | 91-1 | 0.95    | 0.90    | 0.89    | 0.91       | 3.63    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:15:13 | DataFile Name :   | 021SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.62   | -0.54   | 0.08    | -0.36      |         | ppb   |
| Antimony   | 121-1 | 0.02    | 0.01    | 0.01    | 0.01       | 47.97   | ppb   |
| Arsenic    | 75-2  | 0.00    | 0.00    | -0.02   | -0.01      |         | ppb   |
| Barium     | 135-1 | 0.00    | -0.02   | -0.01   | -0.01      |         | ppb   |
| Barium     | 137-1 | -0.01   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Beryllium  | 9-1   | -0.03   | 0.00    | 0.01    | 0.00       |         | ppb   |
| Bismuth    | 209-1 |         |         |         | 98         |         | %     |
| Bismuth    | 209-2 |         |         |         | 95         |         | %     |
| Boron      | 10-1  | 1.99    | 1.86    | 1.66    | 1.84       | 9.02    | ppb   |
| Boron      | 11-1  | 2.16    | 2.00    | 2.13    | 2.10       | 3.90    | ppb   |
| Cadmium    | 111-1 | 0.05    | 0.03    | 0.07    | 0.05       | 42.77   | ppb   |
| Cadmium    | 106-1 | 0.86    | 0.46    | 1.12    | 0.81       | 40.58   | ppb   |
| Cadmium    | 108-1 | -0.01   | -0.09   | 0.02    | -0.03      |         | ppb   |
| Calcium    | 43-1  | -13.13  | -12.10  | -11.78  | -12.33     |         | ppb   |
| Calcium    | 44-1  | 17.85   | 17.20   | 20.41   | 18.49      | 9.20    | ppb   |
| Chromium   | 52-2  | -0.13   | 0.03    | -0.01   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | -0.03   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Copper     | 63-2  | -0.23   | -0.25   | -0.23   | -0.24      |         | 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 |         |         |         | 100        |         | %     |
| Holmium    | 165-2 |         |         |         | 99         |         | %     |
| Indium     | 115-1 |         |         |         | 105        |         | %     |
| Indium     | 115-2 |         |         |         | 101        |         | %     |
| Iron       | 56-2  | 1.11    | 1.23    | 1.22    | 1.19       | 5.71    | ppb   |
| Iron       | 57-2  | 0.09    | 1.79    | 0.35    | 0.74       | 123.12  | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.03    | 0.00    | 0.01    | 0.01       | 143.16  | ppb   |
| Lead       | 207-1 | -0.01   | 0.01    | 0.00    | 0.00       |         | ppb   |
| Lead       | 208-1 | 0.01    | 0.00    | 0.01    | 0.01       | 101.72  | ppb   |
| Lithium    | 6-1   |         |         |         | 108        |         | %     |
| Magnesium  | 24-2  | 0.51    | -0.51   | 0.37    | 0.12       | 445.57  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:15:13 | DataFile Name :   | 021SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 0.07     | 0.07     | 0.05     | 0.06       | 13.19   | ppb   |
| Molybdenum | 94-1  | 0.01     | 0.00     | -0.01    | 0.00       |         | ppb   |
| Molybdenum | 95-1  | -0.01    | -0.01    | -0.02    | -0.01      |         | ppb   |
| Molybdenum | 96-1  | -0.01    | -0.01    | -0.02    | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.01    | -0.01    | 0.00     | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.01    | -0.01    | 0.00     | -0.01      |         | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | -0.02    | -0.01    | 0.01     | -0.01      |         | ppb   |
| Phosphorus | 31-2  | -37.24   | -23.18   | -16.28   | -25.57     |         | ppb   |
| Potassium  | 39-2  | 10.90    | 30.22    | 24.32    | 21.81      | 45.40   | ppb   |
| Rhodium    | 103-1 |          |          |          | 105        |         | %     |
| Rhodium    | 103-2 |          |          |          | 103        |         | %     |
| Scandium   | 45-1  |          |          |          | 108        |         | %     |
| Scandium   | 45-2  |          |          |          | 104        |         | %     |
| Selenium   | 77-2  | -0.62    | -0.62    | -0.62    | -0.62      |         | ppb   |
| Selenium   | 78-2  | -0.11    | 0.49     | 0.48     | 0.29       | 119.14  | ppb   |
| Selenium   | 82-1  | -0.29    | -0.41    | -0.37    | -0.36      |         | ppb   |
| Silicon    | 28-1  | -26.04   | -24.95   | -24.58   | -25.19     |         | ppb   |
| Silver     | 109-1 | 0.02     | 0.01     | 0.01     | 0.01       | 36.93   | ppb   |
| Silver     | 107-1 | 0.02     | 0.01     | 0.01     | 0.01       | 30.38   | ppb   |
| Sodium     | 23-2  | 32.88    | 29.55    | 33.36    | 31.93      | 6.49    | ppb   |
| Strontium  | 86-1  | -0.08    | -0.03    | -0.01    | -0.04      |         | ppb   |
| Strontium  | 88-1  | 0.00     | 0.00     | 0.00     | 0.00       | 4.10    | ppb   |
| Sulfur     | 34-1  | -1820.02 | -1623.22 | -1319.24 | -1587.49   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 102        |         | %     |
| Terbium    | 159-2 |          |          |          | 101        |         | %     |
| Thallium   | 203-1 | 0.01     | 0.02     | 0.03     | 0.02       | 52.65   | ppb   |
| Thallium   | 205-1 | 0.02     | 0.02     | 0.02     | 0.02       | 19.64   | ppb   |
| Tin        | 118-1 | -0.05    | -0.04    | -0.03    | -0.04      |         | ppb   |
| Titanium   | 47-1  | -0.04    | -0.02    | 0.01     | -0.01      |         | ppb   |
| Uranium    | 238-1 | -0.02    | -0.02    | -0.02    | -0.02      |         | ppb   |
| Vanadium   | 51-2  | 0.00     | 0.02     | 0.02     | 0.02       | 69.99   | ppb   |
| Yttrium    | 89-1  |          |          |          | 107        |         | %     |
| Yttrium    | 89-2  |          |          |          | 102        |         | %     |
| Zinc       | 66-2  | 0.02     | 0.03     | 0.11     | 0.06       | 87.12   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:15:13 | DataFile Name :   | 021SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.00    | 0.00    | 0.01    | 0.00       | 111.38  | ppb   |
| Zirconium | 91-1 | 0.01    | 0.01    | 0.01    | 0.01       | 23.83   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:18:42 | DataFile Name :   | 022SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.07    | -1.02   | 0.40    | 0.15       | 706.01  | ppb   |
| Antimony   | 121-1 | 0.00    | 0.01    | 0.01    | 0.01       | 33.98   | ppb   |
| Arsenic    | 75-2  | 0.01    | 0.00    | 0.00    | 0.00       | 436.48  | ppb   |
| Barium     | 135-1 | 0.02    | 0.04    | 0.02    | 0.03       | 37.94   | ppb   |
| Barium     | 137-1 | -0.01   | 0.02    | 0.01    | 0.01       | 140.73  | ppb   |
| Beryllium  | 9-1   | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Bismuth    | 209-1 |         |         |         | 97         |         | %     |
| Bismuth    | 209-2 |         |         |         | 95         |         | %     |
| Boron      | 10-1  | 1.50    | 2.16    | 1.43    | 1.70       | 23.73   | ppb   |
| Boron      | 11-1  | 1.43    | 1.51    | 1.62    | 1.52       | 6.23    | ppb   |
| Cadmium    | 111-1 | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Cadmium    | 106-1 | -0.04   | -0.11   | 0.12    | -0.01      |         | ppb   |
| Cadmium    | 108-1 | -0.09   | -0.08   | -0.03   | -0.07      |         | ppb   |
| Calcium    | 43-1  | -5.98   | -10.69  | -5.15   | -7.27      |         | ppb   |
| Calcium    | 44-1  | 22.64   | 22.20   | 21.03   | 21.95      | 3.79    | ppb   |
| Chromium   | 52-2  | -0.07   | -0.05   | -0.04   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Copper     | 63-2  | -0.24   | -0.20   | -0.21   | -0.22      |         | 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 |         |         |         | 99         |         | %     |
| Holmium    | 165-2 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 102        |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Iron       | 56-2  | 1.95    | 1.50    | 1.65    | 1.70       | 13.61   | ppb   |
| Iron       | 57-2  | 2.81    | 1.81    | 1.57    | 2.06       | 31.97   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.02    | 0.02    | 0.02    | 0.02       | 16.66   | ppb   |
| Lead       | 207-1 | -0.01   | 0.00    | -0.02   | -0.01      |         | ppb   |
| Lead       | 208-1 | 0.00    | 0.00    | 0.01    | 0.00       | 129.12  | ppb   |
| Lithium    | 6-1   |         |         |         | 106        |         | %     |
| Magnesium  | 24-2  | 1.19    | -0.37   | -0.40   | 0.14       | 654.51  | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:18:42 | DataFile Name :   | 022SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD  | Units |
|------------|-------|---------|---------|---------|------------|----------|-------|
| Manganese  | 55-2  | 0.12    | 0.20    | 0.21    | 0.18       | 29.63    | ppb   |
| Molybdenum | 94-1  | 0.02    | 0.02    | -0.01   | 0.01       | 173.97   | ppb   |
| Molybdenum | 95-1  | -0.01   | -0.02   | -0.02   | -0.02      |          | ppb   |
| Molybdenum | 96-1  | -0.02   | -0.01   | -0.01   | -0.01      |          | ppb   |
| Molybdenum | 97-1  | -0.01   | 0.01    | 0.01    | 0.00       | 330.03   | ppb   |
| Molybdenum | 98-1  | -0.01   | 0.00    | 0.00    | -0.01      |          | ppb   |
| Neodymium  | 150-1 |         |         |         |            |          | cps   |
| Neodymium  | 150-2 |         |         |         |            |          | cps   |
| Nickel     | 60-2  | 0.05    | 0.02    | 0.01    | 0.02       | 83.99    | ppb   |
| Phosphorus | 31-2  | -23.18  | -23.15  | -23.25  | -23.19     |          | ppb   |
| Potassium  | 39-2  | 21.10   | 21.11   | 20.29   | 20.83      | 2.26     | ppb   |
| Rhodium    | 103-1 |         |         |         | 103        |          | %     |
| Rhodium    | 103-2 |         |         |         | 103        |          | %     |
| Scandium   | 45-1  |         |         |         | 105        |          | %     |
| Scandium   | 45-2  |         |         |         | 103        |          | %     |
| Selenium   | 77-2  | 1.21    | 4.90    | -0.62   | 1.83       | 153.77   | ppb   |
| Selenium   | 78-2  | 0.19    | 0.79    | 0.49    | 0.49       | 61.02    | ppb   |
| Selenium   | 82-1  | -0.40   | -0.19   | 0.38    | -0.07      |          | ppb   |
| Silicon    | 28-1  | -21.75  | -22.04  | -22.65  | -22.15     |          | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 14.68    | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.02    | 0.01       | 22.25    | ppb   |
| Sodium     | 23-2  | 35.47   | 32.65   | 30.17   | 32.76      | 8.10     | ppb   |
| Strontium  | 86-1  | 0.05    | 0.04    | 0.01    | 0.03       | 58.89    | ppb   |
| Strontium  | 88-1  | 0.03    | 0.03    | 0.03    | 0.03       | 5.24     | ppb   |
| Sulfur     | 34-1  | -867.97 | -929.53 | -993.48 | -930.33    |          | ppb   |
| Terbium    | 159-1 |         |         |         | 100        |          | %     |
| Terbium    | 159-2 |         |         |         | 98         |          | %     |
| Thallium   | 203-1 | 0.02    | 0.01    | 0.00    | 0.01       | 114.07   | ppb   |
| Thallium   | 205-1 | 0.02    | 0.02    | 0.02    | 0.02       | 13.31    | ppb   |
| Tin        | 118-1 | -0.02   | -0.01   | -0.02   | -0.02      |          | ppb   |
| Titanium   | 47-1  | -0.03   | 0.01    | 0.03    | 0.00       | 15192.74 | ppb   |
| Uranium    | 238-1 | -0.02   | -0.02   | -0.02   | -0.02      |          | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.01    | 0.01    | 0.01       | 66.61    | ppb   |
| Yttrium    | 89-1  |         |         |         | 104        |          | %     |
| Yttrium    | 89-2  |         |         |         | 101        |          | %     |
| Zinc       | 66-2  | 1.00    | 0.93    | 1.12    | 1.02       | 9.50     | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:18:42 | DataFile Name :   | 022SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.00    | 0.01    | 0.00    | 0.00       | 488.20  | ppb   |
| Zirconium | 91-1 | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-11            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECY1              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:22:11 | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.95    | -1.36   | 1.17    | 0.25       | 553.09  | ppb   |
| Antimony   | 121-1 | 0.00    | 0.01    | 0.01    | 0.01       | 54.95   | ppb   |
| Arsenic    | 75-2  | -0.02   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Barium     | 135-1 | 0.07    | 0.08    | 0.05    | 0.07       | 22.99   | ppb   |
| Barium     | 137-1 | 0.16    | 0.06    | 0.10    | 0.11       | 45.17   | ppb   |
| Beryllium  | 9-1   | -0.01   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Bismuth    | 209-1 |         |         |         | 98         |         | %     |
| Bismuth    | 209-2 |         |         |         | 95         |         | %     |
| Boron      | 10-1  | 1.44    | 1.60    | 1.06    | 1.37       | 20.25   | ppb   |
| Boron      | 11-1  | 1.13    | 1.15    | 1.23    | 1.17       | 4.62    | ppb   |
| Cadmium    | 111-1 | 0.03    | 0.02    | 0.02    | 0.02       | 20.25   | ppb   |
| Cadmium    | 106-1 | 0.40    | 0.32    | 0.26    | 0.33       | 21.51   | ppb   |
| Cadmium    | 108-1 | -0.06   | -0.06   | -0.08   | -0.07      |         | ppb   |
| Calcium    | 43-1  | -8.92   | -8.16   | -11.65  | -9.58      |         | ppb   |
| Calcium    | 44-1  | 20.05   | 21.72   | 20.18   | 20.65      | 4.52    | ppb   |
| Chromium   | 52-2  | -0.11   | -0.12   | -0.10   | -0.11      |         | ppb   |
| Cobalt     | 59-2  | -0.04   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Copper     | 63-2  | -0.19   | -0.23   | -0.21   | -0.21      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 99         |         | %     |
| Holmium    | 165-2 |         |         |         | 99         |         | %     |
| Indium     | 115-1 |         |         |         | 102        |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Iron       | 56-2  | 1.66    | 1.63    | 1.31    | 1.53       | 12.63   | ppb   |
| Iron       | 57-2  | 2.25    | 0.35    | 2.33    | 1.65       | 68.22   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.00    | 0.01    | 0.00    | 0.00       | 109.75  | ppb   |
| Lead       | 207-1 | -0.01   | -0.02   | -0.02   | -0.01      |         | ppb   |
| Lead       | 208-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Lithium    | 6-1   |         |         |         | 106        |         | %     |
| Magnesium  | 24-2  | 2.57    | 0.88    | 1.75    | 1.73       | 48.73   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-11            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECY1              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:22:11 | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.16     | 0.04    | 0.08    | 0.09       | 70.80   | ppb   |
| Molybdenum | 94-1  | 0.00     | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 95-1  | -0.02    | -0.02   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.02    | -0.01   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 97-1  | -0.01    | -0.01   | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.01    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |          |         |         |            |         | cps   |
| Neodymium  | 150-2 |          |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.04     | -0.01   | 0.03    | 0.02       | 134.07  | ppb   |
| Phosphorus | 31-2  | -37.24   | -37.24  | -9.44   | -27.97     |         | ppb   |
| Potassium  | 39-2  | 39.07    | 20.31   | 17.95   | 25.78      | 44.88   | ppb   |
| Rhodium    | 103-1 |          |         |         | 104        |         | %     |
| Rhodium    | 103-2 |          |         |         | 102        |         | %     |
| Scandium   | 45-1  |          |         |         | 105        |         | %     |
| Scandium   | 45-2  |          |         |         | 103        |         | %     |
| Selenium   | 77-2  | 1.23     | -0.62   | 1.21    | 0.60       | 175.37  | ppb   |
| Selenium   | 78-2  | -0.10    | -0.10   | -0.10   | -0.10      |         | ppb   |
| Selenium   | 82-1  | 0.71     | 0.16    | -0.18   | 0.23       | 197.90  | ppb   |
| Silicon    | 28-1  | -22.63   | -21.94  | -21.50  | -22.03     |         | ppb   |
| Silver     | 109-1 | 0.02     | 0.01    | 0.01    | 0.01       | 9.27    | ppb   |
| Silver     | 107-1 | 0.01     | 0.01    | 0.01    | 0.01       | 2.81    | ppb   |
| Sodium     | 23-2  | 29.72    | 27.71   | 31.46   | 29.63      | 6.32    | ppb   |
| Strontium  | 86-1  | 0.04     | 0.04    | 0.00    | 0.03       | 94.02   | ppb   |
| Strontium  | 88-1  | 0.04     | 0.04    | 0.04    | 0.04       | 8.31    | ppb   |
| Sulfur     | 34-1  | -1007.20 | -756.51 | -617.27 | -793.66    |         | ppb   |
| Terbium    | 159-1 |          |         |         | 100        |         | %     |
| Terbium    | 159-2 |          |         |         | 98         |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01    | 0.01    | 0.01       | 3.88    | ppb   |
| Thallium   | 205-1 | 0.02     | 0.01    | 0.01    | 0.01       | 13.29   | ppb   |
| Tin        | 118-1 | -0.03    | -0.05   | -0.04   | -0.04      |         | ppb   |
| Titanium   | 47-1  | -0.03    | 0.03    | 0.04    | 0.01       | 301.34  | ppb   |
| Uranium    | 238-1 | -0.02    | -0.02   | -0.02   | -0.02      |         | ppb   |
| Vanadium   | 51-2  | 0.00     | 0.03    | 0.00    | 0.01       | 291.22  | ppb   |
| Yttrium    | 89-1  |          |         |         | 105        |         | %     |
| Yttrium    | 89-2  |          |         |         | 101        |         | %     |
| Zinc       | 66-2  | 0.64     | 0.32    | 0.58    | 0.51       | 32.90   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-11            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECY1              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:22:11 | DataFile Name :   | 023SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.00    | 0.00    | 0.01    | 0.00       | 164.54  | ppb   |
| Zirconium | 91-1 | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |

LB Number : LB100678 Operator : Jaswal  
 Lab Sample ID : K1275-12 Instrumnet Name : P8  
 Client Sample ID : MBECY2 Dilution Factor : 1  
 Date & Time Acquired :: 2019-02-05 13:25:41 DataFile Name : 024SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.05    | -1.07   | -0.84   | -0.62      |         | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.01    | 0.00       | 63.91   | ppb   |
| Arsenic    | 75-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Barium     | 135-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Barium     | 137-1 | -0.02   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Beryllium  | 9-1   | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Bismuth    | 209-1 |         |         |         | 99         |         | %     |
| Bismuth    | 209-2 |         |         |         | 97         |         | %     |
| Boron      | 10-1  | 0.77    | 1.03    | 0.63    | 0.81       | 25.22   | ppb   |
| Boron      | 11-1  | 0.85    | 0.94    | 0.85    | 0.88       | 5.57    | ppb   |
| Cadmium    | 111-1 | 0.04    | -0.07   | -0.08   | -0.04      |         | ppb   |
| Cadmium    | 106-1 | 0.66    | -0.89   | -1.01   | -0.41      |         | ppb   |
| Cadmium    | 108-1 | -0.01   | -0.06   | -0.01   | -0.03      |         | ppb   |
| Calcium    | 43-1  | -10.56  | -15.40  | -9.18   | -11.71     |         | ppb   |
| Calcium    | 44-1  | 16.35   | 13.57   | 16.44   | 15.46      | 10.57   | ppb   |
| Chromium   | 52-2  | -0.08   | -0.07   | -0.03   | -0.06      |         | ppb   |
| Cobalt     | 59-2  | -0.03   | -0.04   | -0.04   | -0.03      |         | ppb   |
| Copper     | 63-2  | -0.25   | -0.27   | -0.24   | -0.25      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 101        |         | %     |
| Holmium    | 165-2 |         |         |         | 101        |         | %     |
| Indium     | 115-1 |         |         |         | 104        |         | %     |
| Indium     | 115-2 |         |         |         | 101        |         | %     |
| Iron       | 56-2  | 1.28    | 1.31    | 1.58    | 1.39       | 12.00   | ppb   |
| Iron       | 57-2  | -0.08   | -0.29   | -1.23   | -0.53      |         | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Lead       | 207-1 | -0.02   | -0.01   | -0.03   | -0.02      |         | ppb   |
| Lead       | 208-1 | -0.01   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Lithium    | 6-1   |         |         |         | 107        |         | %     |
| Magnesium  | 24-2  | -0.58   | 0.17    | 3.20    | 0.93       | 214.85  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-12            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECY2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:25:41 | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.08     | 0.02     | 0.01    | 0.03       | 104.82  | ppb   |
| Molybdenum | 94-1  | 0.02     | 0.02     | 0.00    | 0.01       | 105.31  | ppb   |
| Molybdenum | 95-1  | -0.02    | -0.02    | -0.01   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.02    | -0.01    | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 97-1  | -0.01    | 0.00     | 0.00    | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.01    | -0.01    | -0.02   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |          |          |         |            |         | cps   |
| Neodymium  | 150-2 |          |          |         |            |         | cps   |
| Nickel     | 60-2  | -0.02    | 0.01     | 0.00    | 0.00       |         | ppb   |
| Phosphorus | 31-2  | -37.24   | -37.24   | -23.08  | -32.52     |         | ppb   |
| Potassium  | 39-2  | 22.36    | 17.25    | 16.97   | 18.86      | 16.09   | ppb   |
| Rhodium    | 103-1 |          |          |         | 105        |         | %     |
| Rhodium    | 103-2 |          |          |         | 104        |         | %     |
| Scandium   | 45-1  |          |          |         | 106        |         | %     |
| Scandium   | 45-2  |          |          |         | 104        |         | %     |
| Selenium   | 77-2  | -0.62    | 1.21     | -0.62   | -0.01      |         | ppb   |
| Selenium   | 78-2  | 0.18     | 0.78     | 0.19    | 0.38       | 89.77   | ppb   |
| Selenium   | 82-1  | -0.29    | -0.38    | 0.42    | -0.08      |         | ppb   |
| Silicon    | 28-1  | -22.40   | -24.13   | -23.24  | -23.26     |         | ppb   |
| Silver     | 109-1 | 0.02     | 0.02     | 0.01    | 0.02       | 32.44   | ppb   |
| Silver     | 107-1 | 0.01     | 0.01     | 0.01    | 0.01       | 23.18   | ppb   |
| Sodium     | 23-2  | 27.67    | 28.38    | 29.44   | 28.49      | 3.13    | ppb   |
| Strontium  | 86-1  | 0.04     | -0.02    | 0.02    | 0.02       | 187.07  | ppb   |
| Strontium  | 88-1  | 0.00     | 0.00     | 0.00    | 0.00       | 32.05   | ppb   |
| Sulfur     | 34-1  | -1001.36 | -1265.98 | -991.81 | -1086.38   |         | ppb   |
| Terbium    | 159-1 |          |          |         | 102        |         | %     |
| Terbium    | 159-2 |          |          |         | 101        |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.01    | 0.01       | 28.91   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.02     | 0.01    | 0.01       | 22.84   | ppb   |
| Tin        | 118-1 | -0.05    | -0.02    | -0.04   | -0.04      |         | ppb   |
| Titanium   | 47-1  | 0.06     | -0.01    | 0.03    | 0.03       | 123.16  | ppb   |
| Uranium    | 238-1 | -0.02    | -0.02    | -0.02   | -0.02      |         | ppb   |
| Vanadium   | 51-2  | 0.03     | 0.00     | 0.00    | 0.01       | 141.66  | ppb   |
| Yttrium    | 89-1  |          |          |         | 106        |         | %     |
| Yttrium    | 89-2  |          |          |         | 102        |         | %     |
| Zinc       | 66-2  | 0.11     | 0.15     | -0.06   | 0.07       | 169.39  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-12            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECY2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:25:41 | DataFile Name :   | 024SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD  | Units |
|-----------|------|---------|---------|---------|------------|----------|-------|
| Zirconium | 90-1 | 0.01    | 0.00    | 0.00    | 0.00       | 649.68   | ppb   |
| Zirconium | 91-1 | 0.00    | -0.01   | 0.00    | 0.00       | 27501.33 | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-17            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECY9              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:29:10 | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.77   | 0.07    | -1.07   | -0.59      |         | ppb   |
| Antimony   | 121-1 | 0.00    | 0.01    | 0.01    | 0.01       | 39.58   | ppb   |
| Arsenic    | 75-2  | -0.02   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Barium     | 135-1 | -0.03   | 0.00    | 0.03    | 0.00       |         | ppb   |
| Barium     | 137-1 | 0.01    | -0.02   | -0.01   | -0.01      |         | ppb   |
| Beryllium  | 9-1   | -0.02   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Bismuth    | 209-1 |         |         |         | 99         |         | %     |
| Bismuth    | 209-2 |         |         |         | 98         |         | %     |
| Boron      | 10-1  | 1.12    | 1.14    | 0.98    | 1.08       | 8.09    | ppb   |
| Boron      | 11-1  | 0.98    | 0.80    | 0.89    | 0.89       | 10.27   | ppb   |
| Cadmium    | 111-1 | 0.03    | 0.06    | 0.00    | 0.03       | 100.12  | ppb   |
| Cadmium    | 106-1 | 0.47    | 0.80    | 0.07    | 0.45       | 80.87   | ppb   |
| Cadmium    | 108-1 | 0.04    | -0.09   | -0.01   | -0.02      |         | ppb   |
| Calcium    | 43-1  | -13.19  | -9.82   | -14.16  | -12.39     |         | ppb   |
| Calcium    | 44-1  | 16.59   | 16.24   | 17.48   | 16.77      | 3.81    | ppb   |
| Chromium   | 52-2  | -0.03   | -0.09   | -0.08   | -0.07      |         | ppb   |
| Cobalt     | 59-2  | -0.02   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Copper     | 63-2  | -0.26   | -0.26   | -0.23   | -0.25      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 100        |         | %     |
| Holmium    | 165-2 |         |         |         | 102        |         | %     |
| Indium     | 115-1 |         |         |         | 104        |         | %     |
| Indium     | 115-2 |         |         |         | 101        |         | %     |
| Iron       | 56-2  | 1.23    | 1.37    | 1.17    | 1.26       | 8.22    | ppb   |
| Iron       | 57-2  | 2.08    | -0.66   | 2.11    | 1.18       | 135.08  | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | -0.01   | 0.00    | 0.00    | -0.01      |         | ppb   |
| Lead       | 207-1 | -0.02   | -0.01   | -0.03   | -0.02      |         | ppb   |
| Lead       | 208-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Lithium    | 6-1   |         |         |         | 106        |         | %     |
| Magnesium  | 24-2  | -0.11   | 0.61    | 0.95    | 0.48       | 111.16  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-17            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECY9              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:29:10 | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.05    | 0.06    | 0.09    | 0.07       | 38.32   | ppb   |
| Molybdenum | 94-1  | 0.00    | 0.00    | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.02   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.01   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 97-1  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Molybdenum | 98-1  | -0.01   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.02   | 0.04    | 0.00    | 0.01       | 593.90  | ppb   |
| Phosphorus | 31-2  | -23.48  | -30.27  | -30.33  | -28.02     |         | ppb   |
| Potassium  | 39-2  | 14.74   | 19.52   | 17.98   | 17.41      | 14.00   | ppb   |
| Rhodium    | 103-1 |         |         |         | 105        |         | %     |
| Rhodium    | 103-2 |         |         |         | 104        |         | %     |
| Scandium   | 45-1  |         |         |         | 106        |         | %     |
| Scandium   | 45-2  |         |         |         | 105        |         | %     |
| Selenium   | 77-2  | -0.62   | -0.62   | 1.20    | -0.01      |         | ppb   |
| Selenium   | 78-2  | -0.11   | -0.10   | -0.10   | -0.11      |         | ppb   |
| Selenium   | 82-1  | 0.32    | 0.60    | -0.30   | 0.21       | 222.22  | ppb   |
| Silicon    | 28-1  | -23.28  | -21.94  | -23.58  | -22.93     |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.01    | 0.01    | 0.01       | 49.53   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.02    | 0.01       | 22.81   | ppb   |
| Sodium     | 23-2  | 22.45   | 28.16   | 25.60   | 25.40      | 11.26   | ppb   |
| Strontium  | 86-1  | 0.08    | 0.00    | 0.00    | 0.02       | 195.14  | ppb   |
| Strontium  | 88-1  | 0.01    | 0.02    | 0.01    | 0.01       | 21.31   | ppb   |
| Sulfur     | 34-1  | -831.00 | -892.48 | -669.05 | -797.51    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 102        |         | %     |
| Terbium    | 159-2 |         |         |         | 102        |         | %     |
| Thallium   | 203-1 | 0.01    | 0.00    | 0.01    | 0.01       | 73.06   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 32.02   | ppb   |
| Tin        | 118-1 | -0.05   | -0.06   | -0.04   | -0.05      |         | ppb   |
| Titanium   | 47-1  | 0.04    | -0.04   | 0.04    | 0.01       | 422.49  | ppb   |
| Uranium    | 238-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Vanadium   | 51-2  | 0.03    | 0.04    | 0.03    | 0.03       | 18.70   | ppb   |
| Yttrium    | 89-1  |         |         |         | 105        |         | %     |
| Yttrium    | 89-2  |         |         |         | 102        |         | %     |
| Zinc       | 66-2  | 0.19    | 0.10    | 0.14    | 0.14       | 30.60   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-17            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECY9              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:29:10 | DataFile Name :   | 025SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.00    | 0.00    | 0.00    | 0.00       | 259.56  | ppb   |
| Zirconium | 91-1 | -0.01   | 0.00    | -0.01   | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-18            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECZ0              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:32:39 | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -1.37   | 0.63    | 0.22    | -0.17      |         | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.01    | 0.00       | 540.48  | ppb   |
| Arsenic    | 75-2  | 0.01    | -0.01   | -0.01   | 0.00       |         | ppb   |
| Barium     | 135-1 | -0.01   | -0.03   | -0.02   | -0.02      |         | ppb   |
| Barium     | 137-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Beryllium  | 9-1   | -0.02   | -0.01   | -0.02   | -0.01      |         | ppb   |
| Bismuth    | 209-1 |         |         |         | 98         |         | %     |
| Bismuth    | 209-2 |         |         |         | 98         |         | %     |
| Boron      | 10-1  | 0.65    | 0.77    | 0.78    | 0.73       | 10.27   | ppb   |
| Boron      | 11-1  | 0.72    | 0.67    | 0.82    | 0.74       | 10.25   | ppb   |
| Cadmium    | 111-1 | 0.02    | 0.02    | 0.01    | 0.01       | 45.33   | ppb   |
| Cadmium    | 106-1 | 0.31    | 0.27    | 0.16    | 0.24       | 31.49   | ppb   |
| Cadmium    | 108-1 | -0.04   | -0.06   | -0.06   | -0.05      |         | ppb   |
| Calcium    | 43-1  | -10.33  | -12.64  | -11.28  | -11.42     |         | ppb   |
| Calcium    | 44-1  | 13.41   | 15.12   | 15.81   | 14.78      | 8.35    | ppb   |
| Chromium   | 52-2  | -0.01   | -0.07   | -0.02   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | -0.03   | -0.04   | -0.03   | -0.03      |         | ppb   |
| Copper     | 63-2  | -0.25   | -0.23   | -0.25   | -0.24      |         | 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 |         |         |         | 100        |         | %     |
| Holmium    | 165-2 |         |         |         | 101        |         | %     |
| Indium     | 115-1 |         |         |         | 103        |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Iron       | 56-2  | 1.32    | 1.41    | 1.29    | 1.34       | 4.79    | ppb   |
| Iron       | 57-2  | 1.14    | 1.44    | 0.14    | 0.91       | 75.15   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.01    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Lead       | 207-1 | -0.02   | -0.03   | -0.03   | -0.03      |         | ppb   |
| Lead       | 208-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Lithium    | 6-1   |         |         |         | 106        |         | %     |
| Magnesium  | 24-2  | 0.85    | 1.52    | 0.60    | 0.99       | 47.72   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-18            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECZ0              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:32:39 | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.07     | 0.13     | 0.09    | 0.10       | 35.02   | ppb   |
| Molybdenum | 94-1  | 0.00     | -0.01    | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 95-1  | -0.02    | -0.02    | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.02    | -0.02    | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 97-1  | -0.01    | -0.02    | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.01    | -0.01    | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |          |          |         |            |         | cps   |
| Neodymium  | 150-2 |          |          |         |            |         | cps   |
| Nickel     | 60-2  | 0.00     | 0.04     | 0.00    | 0.01       | 168.83  | ppb   |
| Phosphorus | 31-2  | -23.33   | -30.14   | -30.28  | -27.92     |         | ppb   |
| Potassium  | 39-2  | 7.80     | 31.07    | 15.06   | 17.98      | 66.23   | ppb   |
| Rhodium    | 103-1 |          |          |         | 104        |         | %     |
| Rhodium    | 103-2 |          |          |         | 104        |         | %     |
| Scandium   | 45-1  |          |          |         | 106        |         | %     |
| Scandium   | 45-2  |          |          |         | 103        |         | %     |
| Selenium   | 77-2  | -0.62    | 4.89     | 1.21    | 1.82       | 153.69  | ppb   |
| Selenium   | 78-2  | 0.19     | 0.78     | -0.40   | 0.19       | 306.72  | ppb   |
| Selenium   | 82-1  | 0.29     | -0.63    | 0.06    | -0.09      |         | ppb   |
| Silicon    | 28-1  | -23.82   | -22.49   | -22.11  | -22.80     |         | ppb   |
| Silver     | 109-1 | 0.01     | 0.02     | 0.01    | 0.01       | 27.55   | ppb   |
| Silver     | 107-1 | 0.00     | 0.01     | 0.00    | 0.00       | 165.82  | ppb   |
| Sodium     | 23-2  | 22.55    | 28.21    | 25.42   | 25.39      | 11.14   | ppb   |
| Strontium  | 86-1  | -0.04    | 0.00     | 0.03    | -0.01      |         | ppb   |
| Strontium  | 88-1  | 0.00     | 0.00     | 0.00    | 0.00       | 37.81   | ppb   |
| Sulfur     | 34-1  | -1028.38 | -1016.82 | -631.28 | -892.16    |         | ppb   |
| Terbium    | 159-1 |          |          |         | 102        |         | %     |
| Terbium    | 159-2 |          |          |         | 100        |         | %     |
| Thallium   | 203-1 | 0.00     | 0.00     | 0.02    | 0.01       | 135.60  | ppb   |
| Thallium   | 205-1 | 0.00     | 0.01     | 0.01    | 0.01       | 70.63   | ppb   |
| Tin        | 118-1 | -0.05    | -0.04    | -0.04   | -0.04      |         | ppb   |
| Titanium   | 47-1  | -0.03    | 0.01     | -0.01   | -0.01      |         | ppb   |
| Uranium    | 238-1 | -0.02    | -0.02    | -0.02   | -0.02      |         | ppb   |
| Vanadium   | 51-2  | 0.02     | 0.02     | 0.02    | 0.02       | 19.37   | ppb   |
| Yttrium    | 89-1  |          |          |         | 105        |         | %     |
| Yttrium    | 89-2  |          |          |         | 101        |         | %     |
| Zinc       | 66-2  | 0.00     | 0.03     | -0.02   | 0.01       | 371.73  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-18            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECZ0              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:32:39 | DataFile Name :   | 026SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Zirconium | 91-1 | 0.01    | 0.01    | 0.00    | 0.01       | 138.43  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB116776BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBW776              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:36:08 | DataFile Name :   | 027CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.67   | -0.66   | -0.34   | -0.56      |         | ppb   |
| Antimony   | 121-1 | 0.00    | 0.01    | 0.00    | 0.00       | 111.43  | ppb   |
| Arsenic    | 75-2  | -0.01   | -0.01   | 0.03    | 0.00       | 1061.23 | ppb   |
| Barium     | 135-1 | -0.04   | -0.02   | -0.04   | -0.03      |         | ppb   |
| Barium     | 137-1 | -0.02   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Beryllium  | 9-1   | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Bismuth    | 209-1 |         |         |         | 92         |         | %     |
| Bismuth    | 209-2 |         |         |         | 92         |         | %     |
| Boron      | 10-1  | 1.02    | 1.27    | 1.00    | 1.10       | 13.70   | ppb   |
| Boron      | 11-1  | 0.96    | 0.91    | 0.95    | 0.94       | 3.17    | ppb   |
| Cadmium    | 111-1 | 0.09    | -0.02   | -0.03   | 0.01       | 709.82  | ppb   |
| Cadmium    | 106-1 | 1.26    | -0.28   | -0.39   | 0.19       | 473.39  | ppb   |
| Cadmium    | 108-1 | -0.03   | -0.06   | -0.08   | -0.06      |         | ppb   |
| Calcium    | 43-1  | -12.07  | -13.26  | -9.72   | -11.68     |         | ppb   |
| Calcium    | 44-1  | 18.69   | 17.86   | 20.49   | 19.01      | 7.07    | ppb   |
| Chromium   | 52-2  | 0.17    | 0.10    | 0.10    | 0.13       | 33.07   | ppb   |
| Cobalt     | 59-2  | -0.03   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Copper     | 63-2  | -0.23   | -0.21   | -0.24   | -0.23      |         | 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 |         |         |         | 94         |         | %     |
| Holmium    | 165-2 |         |         |         | 96         |         | %     |
| Indium     | 115-1 |         |         |         | 97         |         | %     |
| Indium     | 115-2 |         |         |         | 95         |         | %     |
| Iron       | 56-2  | 0.10    | 0.06    | 0.10    | 0.09       | 25.02   | ppb   |
| Iron       | 57-2  | -0.44   | 0.21    | 0.40    | 0.06       | 788.92  | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | -0.01   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Lead       | 207-1 | -0.04   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Lead       | 208-1 | -0.03   | -0.02   | -0.03   | -0.03      |         | ppb   |
| Lithium    | 6-1   |         |         |         | 98         |         | %     |
| Magnesium  | 24-2  | 1.78    | 1.23    | 1.32    | 1.45       | 20.38   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB116776BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBW776              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:36:08 | DataFile Name :   | 027CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.03    | -0.01   | -0.04   | -0.01      |         | ppb   |
| Molybdenum | 94-1  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Molybdenum | 95-1  | -0.03   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Molybdenum | 96-1  | -0.02   | -0.02   | -0.03   | -0.02      |         | ppb   |
| Molybdenum | 97-1  | -0.01   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 98-1  | -0.02   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.02   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Phosphorus | 31-2  | -37.24  | -22.21  | -29.78  | -29.74     |         | ppb   |
| Potassium  | 39-2  | 38.57   | 31.79   | 30.33   | 33.56      | 13.10   | ppb   |
| Rhodium    | 103-1 |         |         |         | 96         |         | %     |
| Rhodium    | 103-2 |         |         |         | 97         |         | %     |
| Scandium   | 45-1  |         |         |         | 98         |         | %     |
| Scandium   | 45-2  |         |         |         | 97         |         | %     |
| Selenium   | 77-2  | -0.62   | -0.62   | 1.33    | 0.03       | 3937.11 | ppb   |
| Selenium   | 78-2  | -0.40   | -0.09   | 0.85    | 0.12       | 532.05  | ppb   |
| Selenium   | 82-1  | 0.29    | 0.25    | -0.87   | -0.11      |         | ppb   |
| Silicon    | 28-1  | -4.64   | -5.41   | -4.50   | -4.85      |         | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 11.14   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 10.49   | ppb   |
| Sodium     | 23-2  | 30.32   | 33.87   | 33.76   | 32.65      | 6.19    | ppb   |
| Strontium  | 86-1  | 0.04    | 0.02    | 0.05    | 0.04       | 36.29   | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | 1522.45 | 1118.70 | 1488.42 | 1376.52    | 16.27   | ppb   |
| Terbium    | 159-1 |         |         |         | 96         |         | %     |
| Terbium    | 159-2 |         |         |         | 95         |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Tin        | 118-1 | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Titanium   | 47-1  | 0.05    | 0.05    | 0.01    | 0.04       | 73.49   | ppb   |
| Uranium    | 238-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Vanadium   | 51-2  | -0.02   | -0.01   | -0.02   | -0.02      |         | ppb   |
| Yttrium    | 89-1  |         |         |         | 98         |         | %     |
| Yttrium    | 89-2  |         |         |         | 96         |         | %     |
| Zinc       | 66-2  | 0.07    | 0.01    | -0.13   | -0.02      |         | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB116776BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBW776              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:36:08 | DataFile Name :   | 027CCBE.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB116776BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS776              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:39:38 | DataFile Name :   | 028LCSE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 38.63   | 40.65   | 35.64   | 38.30      | 6.58    | ppb   |
| Antimony   | 121-1 | 3.84    | 3.55    | 3.66    | 3.68       | 3.96    | ppb   |
| Arsenic    | 75-2  | 1.92    | 1.85    | 1.75    | 1.84       | 4.63    | ppb   |
| Barium     | 135-1 | 19.27   | 19.36   | 19.12   | 19.25      | 0.62    | ppb   |
| Barium     | 137-1 | 19.53   | 19.48   | 18.85   | 19.29      | 1.97    | ppb   |
| Beryllium  | 9-1   | 1.87    | 1.82    | 1.81    | 1.83       | 1.77    | ppb   |
| Bismuth    | 209-1 |         |         |         | 94         |         | %     |
| Bismuth    | 209-2 |         |         |         | 91         |         | %     |
| Boron      | 10-1  | 45.21   | 48.52   | 44.34   | 46.02      | 4.79    | ppb   |
| Boron      | 11-1  | 42.63   | 44.06   | 44.48   | 43.72      | 2.22    | ppb   |
| Cadmium    | 111-1 | 1.97    | 1.71    | 1.92    | 1.87       | 7.60    | ppb   |
| Cadmium    | 106-1 | 2.85    | 1.77    | 2.35    | 2.32       | 23.15   | ppb   |
| Cadmium    | 108-1 | 1.95    | 2.13    | 2.08    | 2.05       | 4.56    | ppb   |
| Calcium    | 43-1  | 904.95  | 913.10  | 888.18  | 902.08     | 1.41    | ppb   |
| Calcium    | 44-1  | 936.04  | 936.49  | 937.02  | 936.52     | 0.05    | ppb   |
| Chromium   | 52-2  | 4.14    | 3.88    | 3.97    | 4.00       | 3.30    | ppb   |
| Cobalt     | 59-2  | 1.94    | 1.91    | 1.93    | 1.93       | 0.74    | ppb   |
| Copper     | 63-2  | 3.63    | 3.65    | 3.66    | 3.64       | 0.44    | 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 |         |         |         | 95         |         | %     |
| Holmium    | 165-2 |         |         |         | 96         |         | %     |
| Indium     | 115-1 |         |         |         | 97         |         | %     |
| Indium     | 115-2 |         |         |         | 95         |         | %     |
| Iron       | 56-2  | 376.05  | 372.13  | 376.21  | 374.80     | 0.62    | ppb   |
| Iron       | 57-2  | 380.76  | 371.75  | 384.31  | 378.94     | 1.71    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 1.67    | 1.77    | 1.81    | 1.75       | 3.99    | ppb   |
| Lead       | 207-1 | 1.66    | 1.73    | 1.70    | 1.70       | 2.01    | ppb   |
| Lead       | 208-1 | 1.70    | 1.73    | 1.76    | 1.73       | 1.56    | ppb   |
| Lithium    | 6-1   |         |         |         | 100        |         | %     |
| Magnesium  | 24-2  | 1012.61 | 1009.52 | 1027.41 | 1016.51    | 0.94    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB116776BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS776              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:39:38 | DataFile Name :   | 028LCSE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 2.11    | 2.01    | 2.02    | 2.05       | 2.79    | ppb   |
| Molybdenum | 94-1  | 9.09    | 9.03    | 8.90    | 9.01       | 1.08    | ppb   |
| Molybdenum | 95-1  | 9.21    | 8.82    | 8.84    | 8.96       | 2.41    | ppb   |
| Molybdenum | 96-1  | 8.74    | 8.86    | 8.97    | 8.86       | 1.27    | ppb   |
| Molybdenum | 97-1  | 8.90    | 8.89    | 8.65    | 8.81       | 1.58    | ppb   |
| Molybdenum | 98-1  | 9.26    | 8.82    | 8.96    | 9.01       | 2.46    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 2.21    | 2.12    | 2.12    | 2.15       | 2.46    | ppb   |
| Phosphorus | 31-2  | 45.15   | 36.74   | 83.43   | 55.10      | 45.17   | ppb   |
| Potassium  | 39-2  | 981.27  | 961.99  | 956.02  | 966.43     | 1.37    | ppb   |
| Rhodium    | 103-1 |         |         |         | 98         |         | %     |
| Rhodium    | 103-2 |         |         |         | 97         |         | %     |
| Scandium   | 45-1  |         |         |         | 99         |         | %     |
| Scandium   | 45-2  |         |         |         | 97         |         | %     |
| Selenium   | 77-2  | 11.01   | 7.11    | 5.25    | 7.79       | 37.73   | ppb   |
| Selenium   | 78-2  | 8.02    | 10.17   | 11.56   | 9.91       | 17.99   | ppb   |
| Selenium   | 82-1  | 9.84    | 9.53    | 9.19    | 9.52       | 3.41    | ppb   |
| Silicon    | 28-1  | 37.17   | 19.99   | 20.87   | 26.01      | 37.21   | ppb   |
| Silver     | 109-1 | 2.20    | 2.03    | 2.07    | 2.10       | 4.23    | ppb   |
| Silver     | 107-1 | 2.10    | 2.05    | 2.12    | 2.09       | 1.76    | ppb   |
| Sodium     | 23-2  | 1005.23 | 1016.81 | 1012.87 | 1011.63    | 0.58    | ppb   |
| Strontium  | 86-1  | 1.65    | 1.54    | 1.66    | 1.62       | 3.96    | ppb   |
| Strontium  | 88-1  | 1.66    | 1.56    | 1.59    | 1.60       | 3.21    | ppb   |
| Sulfur     | 34-1  | 1427.11 | 1840.99 | 1458.03 | 1575.38    | 14.63   | ppb   |
| Terbium    | 159-1 |         |         |         | 96         |         | %     |
| Terbium    | 159-2 |         |         |         | 95         |         | %     |
| Thallium   | 203-1 | 1.71    | 1.75    | 1.79    | 1.75       | 2.47    | ppb   |
| Thallium   | 205-1 | 1.79    | 1.74    | 1.79    | 1.77       | 1.48    | ppb   |
| Tin        | 118-1 | 9.77    | 9.98    | 9.74    | 9.83       | 1.34    | ppb   |
| Titanium   | 47-1  | 9.53    | 9.55    | 9.39    | 9.49       | 0.94    | ppb   |
| Uranium    | 238-1 | 1.65    | 1.70    | 1.76    | 1.70       | 3.38    | ppb   |
| Vanadium   | 51-2  | 10.35   | 9.67    | 9.80    | 9.94       | 3.62    | ppb   |
| Yttrium    | 89-1  |         |         |         | 99         |         | %     |
| Yttrium    | 89-2  |         |         |         | 96         |         | %     |
| Zinc       | 66-2  | 4.07    | 4.02    | 3.86    | 3.99       | 2.75    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB116776BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS776              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:39:38 | DataFile Name :   | 028LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 1.86    | 1.80    | 1.85    | 1.84       | 1.75    | ppb   |
| Zirconium | 91-1 | 1.93    | 1.76    | 1.82    | 1.84       | 4.66    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100678            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV071              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV071              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-02-05 13:43:07 | DataFile Name :   | 029CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 53568.16  | 53080.44  | 53346.65  | 53331.75   | 0.46    | ppb   |
| Antimony   | 121-1 | 509.43    | 508.18    | 504.81    | 507.47     | 0.47    | ppb   |
| Arsenic    | 75-2  | 509.66    | 506.13    | 511.69    | 509.16     | 0.55    | ppb   |
| Barium     | 135-1 | 2539.22   | 2520.53   | 2499.55   | 2519.77    | 0.79    | ppb   |
| Barium     | 137-1 | 2483.26   | 2482.22   | 2459.56   | 2475.02    | 0.54    | ppb   |
| Beryllium  | 9-1   | 507.93    | 500.84    | 499.67    | 502.81     | 0.89    | ppb   |
| Bismuth    | 209-1 |           |           |           | 89         |         | %     |
| Bismuth    | 209-2 |           |           |           | 85         |         | %     |
| Boron      | 10-1  | 493.27    | 488.70    | 484.39    | 488.79     | 0.91    | ppb   |
| Boron      | 11-1  | 481.15    | 480.02    | 481.04    | 480.74     | 0.13    | ppb   |
| Cadmium    | 111-1 | 490.51    | 494.07    | 488.85    | 491.14     | 0.54    | ppb   |
| Cadmium    | 106-1 | 492.01    | 508.55    | 497.35    | 499.30     | 1.69    | ppb   |
| Cadmium    | 108-1 | 496.80    | 500.32    | 500.31    | 499.14     | 0.41    | ppb   |
| Calcium    | 43-1  | 240644.87 | 239276.22 | 240072.99 | 239998.03  | 0.29    | ppb   |
| Calcium    | 44-1  | 240878.49 | 243294.24 | 241321.12 | 241831.28  | 0.53    | ppb   |
| Chromium   | 52-2  | 506.34    | 499.45    | 505.43    | 503.74     | 0.74    | ppb   |
| Cobalt     | 59-2  | 507.28    | 498.93    | 509.02    | 505.08     | 1.07    | ppb   |
| Copper     | 63-2  | 982.37    | 970.60    | 987.81    | 980.26     | 0.90    | 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 |           |           |           | 96         |         | %     |
| Holmium    | 165-2 |           |           |           | 95         |         | %     |
| Indium     | 115-1 |           |           |           | 94         |         | %     |
| Indium     | 115-2 |           |           |           | 91         |         | %     |
| Iron       | 56-2  | 127841.75 | 125200.16 | 127093.19 | 126711.70  | 1.07    | ppb   |
| Iron       | 57-2  | 129196.98 | 127824.26 | 128942.15 | 128654.46  | 0.57    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 507.70    | 502.84    | 506.44    | 505.66     | 0.50    | ppb   |
| Lead       | 207-1 | 506.29    | 499.77    | 508.17    | 504.74     | 0.87    | ppb   |
| Lead       | 208-1 | 506.12    | 502.18    | 507.77    | 505.36     | 0.57    | ppb   |
| Lithium    | 6-1   |           |           |           | 99         |         | %     |
| Magnesium  | 24-2  | 255565.03 | 252379.03 | 253219.32 | 253721.13  | 0.65    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100678            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV071              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV071              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-02-05 13:43:07 | DataFile Name :   | 029CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 1020.82   | 1008.18   | 1013.48   | 1014.16    | 0.63    | ppb   |
| Molybdenum | 94-1  | 2434.11   | 2456.43   | 2489.55   | 2460.03    | 1.13    | ppb   |
| Molybdenum | 95-1  | 2442.48   | 2441.75   | 2455.84   | 2446.69    | 0.32    | ppb   |
| Molybdenum | 96-1  | 2427.80   | 2438.87   | 2445.68   | 2437.45    | 0.37    | ppb   |
| Molybdenum | 97-1  | 2409.58   | 2411.73   | 2451.86   | 2424.39    | 0.98    | ppb   |
| Molybdenum | 98-1  | 2431.98   | 2416.18   | 2466.01   | 2438.06    | 1.04    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 493.15    | 487.27    | 494.02    | 491.48     | 0.75    | ppb   |
| Phosphorus | 31-2  | 10615.94  | 10715.74  | 10270.57  | 10534.08   | 2.22    | ppb   |
| Potassium  | 39-2  | 127646.03 | 125773.15 | 128261.85 | 127227.01  | 1.02    | ppb   |
| Rhodium    | 103-1 |           |           |           | 93         |         | %     |
| Rhodium    | 103-2 |           |           |           | 91         |         | %     |
| Scandium   | 45-1  |           |           |           | 100        |         | %     |
| Scandium   | 45-2  |           |           |           | 100        |         | %     |
| Selenium   | 77-2  | 478.69    | 454.95    | 485.85    | 473.16     | 3.42    | ppb   |
| Selenium   | 78-2  | 498.49    | 527.09    | 528.87    | 518.15     | 3.29    | ppb   |
| Selenium   | 82-1  | 485.75    | 490.42    | 489.88    | 488.68     | 0.52    | ppb   |
| Silicon    | 28-1  | 516.71    | 528.16    | 537.74    | 527.53     | 2.00    | ppb   |
| Silver     | 109-1 | 499.80    | 507.68    | 496.17    | 501.22     | 1.17    | ppb   |
| Silver     | 107-1 | 500.41    | 503.10    | 494.28    | 499.26     | 0.91    | ppb   |
| Sodium     | 23-2  | 255197.69 | 252151.59 | 254627.33 | 253992.20  | 0.64    | ppb   |
| Strontium  | 86-1  | 502.57    | 504.26    | 499.28    | 502.04     | 0.51    | ppb   |
| Strontium  | 88-1  | 488.73    | 489.67    | 501.06    | 493.15     | 1.39    | ppb   |
| Sulfur     | 34-1  | 10685.23  | 9986.65   | 10198.22  | 10290.03   | 3.48    | ppb   |
| Terbium    | 159-1 |           |           |           | 97         |         | %     |
| Terbium    | 159-2 |           |           |           | 94         |         | %     |
| Thallium   | 203-1 | 508.42    | 503.00    | 503.07    | 504.83     | 0.62    | ppb   |
| Thallium   | 205-1 | 500.49    | 495.77    | 501.58    | 499.28     | 0.62    | ppb   |
| Tin        | 118-1 | 510.14    | 515.10    | 508.20    | 511.15     | 0.70    | ppb   |
| Titanium   | 47-1  | 2486.58   | 2484.18   | 2498.64   | 2489.80    | 0.31    | ppb   |
| Uranium    | 238-1 | 492.41    | 492.56    | 493.94    | 492.97     | 0.17    | ppb   |
| Vanadium   | 51-2  | 511.60    | 506.58    | 506.44    | 508.21     | 0.58    | ppb   |
| Yttrium    | 89-1  |           |           |           | 99         |         | %     |
| Yttrium    | 89-2  |           |           |           | 96         |         | %     |
| Zinc       | 66-2  | 985.13    | 975.90    | 988.72    | 983.25     | 0.67    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100678            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV071              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV071              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-02-05 13:43:07 | DataFile Name :   | 029CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 492.03  | 498.14  | 502.01  | 497.40     | 1.01    | ppb   |
| Zirconium | 91-1 | 500.96  | 503.98  | 505.54  | 503.49     | 0.46    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB071              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB071              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:46:20 | DataFile Name :   | 030CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.70    | -1.70   | 1.08    | 0.03       | 5893.00 | ppb   |
| Antimony   | 121-1 | 0.19    | 0.16    | 0.25    | 0.20       | 21.36   | ppb   |
| Arsenic    | 75-2  | 0.05    | 0.05    | 0.06    | 0.05       | 11.27   | ppb   |
| Barium     | 135-1 | 0.00    | 0.00    | 0.01    | 0.00       | 163.23  | ppb   |
| Barium     | 137-1 | -0.01   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.02    | 0.02    | 0.02       | 18.56   | ppb   |
| Bismuth    | 209-1 |         |         |         | 88         |         | %     |
| Bismuth    | 209-2 |         |         |         | 89         |         | %     |
| Boron      | 10-1  | 10.35   | 9.48    | 8.69    | 9.51       | 8.73    | ppb   |
| Boron      | 11-1  | 9.92    | 9.16    | 8.31    | 9.13       | 8.85    | ppb   |
| Cadmium    | 111-1 | -0.03   | 0.05    | 0.12    | 0.05       | 153.39  | ppb   |
| Cadmium    | 106-1 | -0.53   | 0.74    | 1.69    | 0.63       | 176.44  | ppb   |
| Cadmium    | 108-1 | -0.08   | 0.00    | 0.11    | 0.01       | 1038.81 | ppb   |
| Calcium    | 43-1  | -8.91   | -13.09  | -4.40   | -8.80      |         | ppb   |
| Calcium    | 44-1  | 25.93   | 27.46   | 33.62   | 29.00      | 14.02   | ppb   |
| Chromium   | 52-2  | 0.14    | 0.08    | 0.15    | 0.12       | 30.94   | ppb   |
| Cobalt     | 59-2  | -0.02   | -0.02   | -0.01   | -0.02      |         | ppb   |
| Copper     | 63-2  | -0.07   | -0.12   | -0.08   | -0.09      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 90         |         | %     |
| Holmium    | 165-2 |         |         |         | 94         |         | %     |
| Indium     | 115-1 |         |         |         | 95         |         | %     |
| Indium     | 115-2 |         |         |         | 94         |         | %     |
| Iron       | 56-2  | 1.29    | 0.96    | 0.87    | 1.04       | 21.43   | ppb   |
| Iron       | 57-2  | 0.63    | -0.02   | 1.31    | 0.64       | 103.31  | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.20    | 0.22    | 0.13    | 0.18       | 23.44   | ppb   |
| Lead       | 207-1 | 0.15    | 0.11    | 0.13    | 0.13       | 15.00   | ppb   |
| Lead       | 208-1 | 0.18    | 0.17    | 0.14    | 0.16       | 12.03   | ppb   |
| Lithium    | 6-1   |         |         |         | 100        |         | %     |
| Magnesium  | 24-2  | 2.05    | 3.57    | 1.54    | 2.39       | 44.28   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB071              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB071              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:46:20 | DataFile Name :   | 030CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.01    | 0.02    | 0.06    | 0.03       | 100.95  | ppb   |
| Molybdenum | 94-1  | 0.15    | 0.13    | 0.14    | 0.14       | 9.60    | ppb   |
| Molybdenum | 95-1  | 0.20    | 0.15    | 0.16    | 0.17       | 15.76   | ppb   |
| Molybdenum | 96-1  | 0.14    | 0.14    | 0.16    | 0.15       | 7.85    | ppb   |
| Molybdenum | 97-1  | 0.19    | 0.18    | 0.20    | 0.19       | 4.28    | ppb   |
| Molybdenum | 98-1  | 0.22    | 0.14    | 0.15    | 0.17       | 25.19   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.01   | 0.01    | 0.00    | 0.00       |         | ppb   |
| Phosphorus | 31-2  | -29.74  | -37.24  | 0.48    | -22.17     |         | ppb   |
| Potassium  | 39-2  | 44.58   | 52.89   | 55.85   | 51.11      | 11.44   | ppb   |
| Rhodium    | 103-1 |         |         |         | 94         |         | %     |
| Rhodium    | 103-2 |         |         |         | 96         |         | %     |
| Scandium   | 45-1  |         |         |         | 98         |         | %     |
| Scandium   | 45-2  |         |         |         | 96         |         | %     |
| Selenium   | 77-2  | -0.62   | 3.32    | -0.62   | 0.69       | 328.11  | ppb   |
| Selenium   | 78-2  | 0.54    | 0.55    | 0.87    | 0.65       | 28.07   | ppb   |
| Selenium   | 82-1  | -0.15   | -0.29   | -0.22   | -0.22      |         | ppb   |
| Silicon    | 28-1  | -5.53   | -5.67   | -4.69   | -5.30      |         | ppb   |
| Silver     | 109-1 | 0.05    | 0.05    | 0.05    | 0.05       | 4.33    | ppb   |
| Silver     | 107-1 | 0.06    | 0.06    | 0.06    | 0.06       | 5.29    | ppb   |
| Sodium     | 23-2  | 77.75   | 75.49   | 76.81   | 76.68      | 1.48    | ppb   |
| Strontium  | 86-1  | 0.08    | 0.09    | 0.03    | 0.06       | 52.81   | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.01    | 0.00       | 24.26   | ppb   |
| Sulfur     | 34-1  | 209.80  | 364.68  | 549.83  | 374.77     | 45.43   | ppb   |
| Terbium    | 159-1 |         |         |         | 93         |         | %     |
| Terbium    | 159-2 |         |         |         | 93         |         | %     |
| Thallium   | 203-1 | 0.03    | 0.01    | 0.02    | 0.02       | 27.91   | ppb   |
| Thallium   | 205-1 | 0.03    | 0.02    | 0.02    | 0.02       | 31.73   | ppb   |
| Tin        | 118-1 | 0.00    | 0.02    | -0.02   | 0.00       | 1001.26 | ppb   |
| Titanium   | 47-1  | 0.04    | 0.07    | 0.47    | 0.19       | 121.70  | ppb   |
| Uranium    | 238-1 | -0.02   | -0.02   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | -0.02   | -0.01   | -0.01   | -0.02      |         | ppb   |
| Yttrium    | 89-1  |         |         |         | 97         |         | %     |
| Yttrium    | 89-2  |         |         |         | 95         |         | %     |
| Zinc       | 66-2  | 0.13    | 0.13    | 0.08    | 0.11       | 24.88   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB071              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB071              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:46:20 | DataFile Name :   | 030CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.03    | 0.02    | 0.02    | 0.02       | 24.12   | ppb   |
| Zirconium | 91-1 | 0.02    | 0.03    | 0.00    | 0.01       | 81.08   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX7              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:49:49 | DataFile Name :   | 031SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 15.78   | 15.19   | 11.61   | 14.19      | 15.91   | ppb   |
| Antimony   | 121-1 | 0.41    | 0.35    | 0.41    | 0.39       | 8.63    | ppb   |
| Arsenic    | 75-2  | 0.06    | 0.08    | 0.11    | 0.08       | 30.87   | ppb   |
| Barium     | 135-1 | 13.60   | 13.95   | 13.91   | 13.82      | 1.38    | ppb   |
| Barium     | 137-1 | 13.26   | 13.48   | 13.72   | 13.49      | 1.71    | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.03    | 0.03    | 0.02       | 24.87   | ppb   |
| Bismuth    | 209-1 |         |         |         | 88         |         | %     |
| Bismuth    | 209-2 |         |         |         | 85         |         | %     |
| Boron      | 10-1  | 53.72   | 52.65   | 54.44   | 53.61      | 1.68    | ppb   |
| Boron      | 11-1  | 54.61   | 55.64   | 53.27   | 54.51      | 2.19    | ppb   |
| Cadmium    | 111-1 | 0.12    | 0.14    | 0.06    | 0.11       | 41.40   | ppb   |
| Cadmium    | 106-1 | 1.14    | 1.42    | 0.45    | 1.00       | 49.54   | ppb   |
| Cadmium    | 108-1 | -0.03   | 0.06    | 0.09    | 0.04       | 147.45  | ppb   |
| Calcium    | 43-1  | 3488.09 | 3476.01 | 3391.08 | 3451.73    | 1.53    | ppb   |
| Calcium    | 44-1  | 3603.66 | 3609.13 | 3563.57 | 3592.12    | 0.69    | ppb   |
| Chromium   | 52-2  | 1.19    | 1.07    | 1.11    | 1.13       | 5.57    | ppb   |
| Cobalt     | 59-2  | 0.66    | 0.66    | 0.64    | 0.65       | 2.04    | ppb   |
| Copper     | 63-2  | 7.30    | 7.39    | 7.42    | 7.37       | 0.82    | 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 |         |         |         | 89         |         | %     |
| Holmium    | 165-2 |         |         |         | 91         |         | %     |
| Indium     | 115-1 |         |         |         | 97         |         | %     |
| Indium     | 115-2 |         |         |         | 94         |         | %     |
| Iron       | 56-2  | 9.95    | 10.40   | 10.32   | 10.22      | 2.36    | ppb   |
| Iron       | 57-2  | 10.47   | 7.34    | 10.52   | 9.44       | 19.30   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.45    | 0.47    | 0.43    | 0.45       | 4.84    | ppb   |
| Lead       | 207-1 | 0.40    | 0.36    | 0.37    | 0.38       | 5.21    | ppb   |
| Lead       | 208-1 | 0.42    | 0.42    | 0.39    | 0.41       | 3.82    | ppb   |
| Lithium    | 6-1   |         |         |         | 106        |         | %     |
| Magnesium  | 24-2  | 1286.82 | 1262.48 | 1264.41 | 1271.24    | 1.06    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX7              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:49:49 | DataFile Name :   | 031SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD  | Units |
|------------|-------|----------|----------|----------|------------|----------|-------|
| Manganese  | 55-2  | 5.24     | 5.25     | 4.97     | 5.15       | 3.08     | ppb   |
| Molybdenum | 94-1  | 0.10     | 0.12     | 0.15     | 0.12       | 18.26    | ppb   |
| Molybdenum | 95-1  | 0.05     | 0.06     | 0.06     | 0.05       | 12.18    | ppb   |
| Molybdenum | 96-1  | 0.04     | 0.09     | 0.06     | 0.06       | 45.72    | ppb   |
| Molybdenum | 97-1  | 0.07     | 0.05     | 0.09     | 0.07       | 28.72    | ppb   |
| Molybdenum | 98-1  | 0.07     | 0.07     | 0.07     | 0.07       | 4.35     | ppb   |
| Neodymium  | 150-1 |          |          |          |            |          | cps   |
| Neodymium  | 150-2 |          |          |          |            |          | cps   |
| Nickel     | 60-2  | 1.82     | 1.88     | 1.57     | 1.76       | 9.24     | ppb   |
| Phosphorus | 31-2  | -6.51    | 1.05     | -21.82   | -9.09      |          | ppb   |
| Potassium  | 39-2  | 7591.53  | 7504.07  | 7449.51  | 7515.04    | 0.95     | ppb   |
| Rhodium    | 103-1 |          |          |          | 93         |          | %     |
| Rhodium    | 103-2 |          |          |          | 92         |          | %     |
| Scandium   | 45-1  |          |          |          | 96         |          | %     |
| Scandium   | 45-2  |          |          |          | 94         |          | %     |
| Selenium   | 77-2  | -0.62    | -0.62    | 1.43     | 0.06       | 1910.24  | ppb   |
| Selenium   | 78-2  | -0.07    | 0.92     | -0.07    | 0.26       | 221.28   | ppb   |
| Selenium   | 82-1  | -0.50    | -0.05    | 0.57     | 0.00       | 12536.34 | ppb   |
| Silicon    | 28-1  | 3815.93  | 3811.43  | 3745.72  | 3791.03    | 1.04     | ppb   |
| Silver     | 109-1 | 0.74     | 0.78     | 0.84     | 0.79       | 6.32     | ppb   |
| Silver     | 107-1 | 0.72     | 0.79     | 0.83     | 0.78       | 7.56     | ppb   |
| Sodium     | 23-2  | 17068.60 | 17275.80 | 17082.10 | 17142.16   | 0.68     | ppb   |
| Strontium  | 86-1  | 24.32    | 24.27    | 24.78    | 24.45      | 1.14     | ppb   |
| Strontium  | 88-1  | 24.67    | 24.95    | 24.99    | 24.87      | 0.70     | ppb   |
| Sulfur     | 34-1  | 219.57   | -379.59  | -819.13  | -326.38    |          | ppb   |
| Terbium    | 159-1 |          |          |          | 90         |          | %     |
| Terbium    | 159-2 |          |          |          | 90         |          | %     |
| Thallium   | 203-1 | 0.07     | 0.06     | 0.05     | 0.06       | 19.29    | ppb   |
| Thallium   | 205-1 | 0.09     | 0.08     | 0.06     | 0.08       | 20.15    | ppb   |
| Tin        | 118-1 | 0.22     | 0.21     | 0.27     | 0.23       | 11.71    | ppb   |
| Titanium   | 47-1  | 0.47     | 0.83     | 0.34     | 0.54       | 47.19    | ppb   |
| Uranium    | 238-1 | -0.01    | -0.01    | -0.01    | -0.01      |          | ppb   |
| Vanadium   | 51-2  | 0.11     | 0.14     | 0.17     | 0.14       | 19.50    | ppb   |
| Yttrium    | 89-1  |          |          |          | 94         |          | %     |
| Yttrium    | 89-2  |          |          |          | 91         |          | %     |
| Zinc       | 66-2  | 11.65    | 10.72    | 10.93    | 11.10      | 4.39     | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX7              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:49:49 | DataFile Name :   | 031SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.04    | 0.03    | 0.04    | 0.04       | 16.78   | ppb   |
| Zirconium | 91-1 | 0.02    | 0.02    | 0.05    | 0.03       | 63.34   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX8              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:53:17 | DataFile Name :   | 032SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 66.89    | 70.24    | 69.56    | 68.90      | 2.57    | ppb   |
| Antimony   | 121-1 | 0.33     | 0.33     | 0.33     | 0.33       | 0.76    | ppb   |
| Arsenic    | 75-2  | 0.25     | 0.41     | 0.41     | 0.36       | 26.30   | ppb   |
| Barium     | 135-1 | 67.10    | 68.44    | 68.65    | 68.06      | 1.23    | ppb   |
| Barium     | 137-1 | 66.98    | 69.10    | 67.76    | 67.95      | 1.58    | ppb   |
| Beryllium  | 9-1   | 0.12     | 0.14     | 0.11     | 0.12       | 16.06   | ppb   |
| Bismuth    | 209-1 |          |          |          | 86         |         | %     |
| Bismuth    | 209-2 |          |          |          | 85         |         | %     |
| Boron      | 10-1  | 11.25    | 10.00    | 9.79     | 10.34      | 7.63    | ppb   |
| Boron      | 11-1  | 10.70    | 11.04    | 10.11    | 10.62      | 4.40    | ppb   |
| Cadmium    | 111-1 | 0.08     | 0.17     | 0.05     | 0.10       | 63.75   | ppb   |
| Cadmium    | 106-1 | 0.50     | 1.10     | -0.06    | 0.51       | 113.12  | ppb   |
| Cadmium    | 108-1 | 0.14     | 0.09     | 0.14     | 0.12       | 25.12   | ppb   |
| Calcium    | 43-1  | 25403.95 | 25824.64 | 25163.36 | 25463.98   | 1.31    | ppb   |
| Calcium    | 44-1  | 25537.22 | 25534.29 | 25447.22 | 25506.24   | 0.20    | ppb   |
| Chromium   | 52-2  | 0.66     | 0.55     | 0.63     | 0.62       | 9.04    | ppb   |
| Cobalt     | 59-2  | 4.61     | 4.49     | 4.43     | 4.51       | 2.00    | ppb   |
| Copper     | 63-2  | 11.83    | 11.28    | 11.76    | 11.62      | 2.59    | 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 |          |          |          | 90         |         | %     |
| Holmium    | 165-2 |          |          |          | 90         |         | %     |
| Indium     | 115-1 |          |          |          | 96         |         | %     |
| Indium     | 115-2 |          |          |          | 93         |         | %     |
| Iron       | 56-2  | 205.46   | 200.37   | 204.90   | 203.58     | 1.37    | ppb   |
| Iron       | 57-2  | 219.54   | 205.97   | 208.30   | 211.27     | 3.43    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.70     | 0.64     | 0.57     | 0.63       | 10.27   | ppb   |
| Lead       | 207-1 | 0.64     | 0.57     | 0.50     | 0.57       | 11.50   | ppb   |
| Lead       | 208-1 | 0.62     | 0.59     | 0.56     | 0.59       | 5.43    | ppb   |
| Lithium    | 6-1   |          |          |          | 111        |         | %     |
| Magnesium  | 24-2  | 8478.67  | 8367.75  | 8474.90  | 8440.44    | 0.75    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX8              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:53:17 | DataFile Name :   | 032SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 21.52    | 21.31    | 21.47    | 21.43      | 0.51    | ppb   |
| Molybdenum | 94-1  | 0.50     | 0.50     | 0.49     | 0.50       | 1.70    | ppb   |
| Molybdenum | 95-1  | 0.52     | 0.54     | 0.54     | 0.53       | 2.39    | ppb   |
| Molybdenum | 96-1  | 0.58     | 0.53     | 0.52     | 0.55       | 5.60    | ppb   |
| Molybdenum | 97-1  | 0.44     | 0.52     | 0.53     | 0.50       | 10.36   | ppb   |
| Molybdenum | 98-1  | 0.54     | 0.50     | 0.53     | 0.52       | 4.29    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 8.51     | 7.89     | 8.03     | 8.14       | 3.98    | ppb   |
| Phosphorus | 31-2  | -21.78   | -22.04   | -14.16   | -19.33     |         | ppb   |
| Potassium  | 39-2  | 2357.84  | 2320.53  | 2376.61  | 2351.66    | 1.21    | ppb   |
| Rhodium    | 103-1 |          |          |          | 91         |         | %     |
| Rhodium    | 103-2 |          |          |          | 92         |         | %     |
| Scandium   | 45-1  |          |          |          | 96         |         | %     |
| Scandium   | 45-2  |          |          |          | 94         |         | %     |
| Selenium   | 77-2  | 1.42     | 1.40     | 3.43     | 2.08       | 55.95   | ppb   |
| Selenium   | 78-2  | 1.25     | 0.25     | -0.07    | 0.47       | 144.88  | ppb   |
| Selenium   | 82-1  | 0.42     | 1.00     | 0.82     | 0.74       | 39.78   | ppb   |
| Silicon    | 28-1  | 4671.18  | 4733.07  | 4630.81  | 4678.36    | 1.10    | ppb   |
| Silver     | 109-1 | 0.69     | 0.63     | 0.69     | 0.67       | 5.59    | ppb   |
| Silver     | 107-1 | 0.64     | 0.73     | 0.67     | 0.68       | 6.80    | ppb   |
| Sodium     | 23-2  | 35606.00 | 34760.85 | 35494.15 | 35287.00   | 1.30    | ppb   |
| Strontium  | 86-1  | 167.79   | 165.06   | 167.82   | 166.89     | 0.95    | ppb   |
| Strontium  | 88-1  | 171.80   | 171.09   | 170.57   | 171.15     | 0.36    | ppb   |
| Sulfur     | 34-1  | -923.77  | -386.87  | -829.58  | -713.41    |         | ppb   |
| Terbium    | 159-1 |          |          |          | 90         |         | %     |
| Terbium    | 159-2 |          |          |          | 90         |         | %     |
| Thallium   | 203-1 | 0.05     | 0.06     | 0.04     | 0.05       | 28.15   | ppb   |
| Thallium   | 205-1 | 0.07     | 0.08     | 0.05     | 0.07       | 25.28   | ppb   |
| Tin        | 118-1 | 0.83     | 0.77     | 0.87     | 0.82       | 5.77    | ppb   |
| Titanium   | 47-1  | 0.79     | 0.71     | 0.78     | 0.76       | 5.98    | ppb   |
| Uranium    | 238-1 | 0.16     | 0.15     | 0.15     | 0.15       | 3.12    | ppb   |
| Vanadium   | 51-2  | 0.60     | 0.63     | 0.56     | 0.60       | 5.83    | ppb   |
| Yttrium    | 89-1  |          |          |          | 95         |         | %     |
| Yttrium    | 89-2  |          |          |          | 92         |         | %     |
| Zinc       | 66-2  | 31.00    | 30.54    | 31.64    | 31.06      | 1.78    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX8              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:53:17 | DataFile Name :   | 032SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.05    | 0.07    | 0.05    | 0.06       | 19.63   | ppb   |
| Zirconium | 91-1 | 0.05    | 0.08    | 0.09    | 0.07       | 27.38   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX8D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:56:45 | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 84.30    | 71.13    | 76.10    | 77.18      | 8.62    | ppb   |
| Antimony   | 121-1 | 0.26     | 0.24     | 0.27     | 0.26       | 5.73    | ppb   |
| Arsenic    | 75-2  | 0.30     | 0.34     | 0.31     | 0.32       | 6.50    | ppb   |
| Barium     | 135-1 | 65.46    | 67.53    | 68.57    | 67.19      | 2.35    | ppb   |
| Barium     | 137-1 | 65.45    | 67.32    | 68.16    | 66.98      | 2.07    | ppb   |
| Beryllium  | 9-1   | 0.11     | 0.13     | 0.15     | 0.13       | 15.95   | ppb   |
| Bismuth    | 209-1 |          |          |          | 88         |         | %     |
| Bismuth    | 209-2 |          |          |          | 85         |         | %     |
| Boron      | 10-1  | 8.94     | 8.19     | 8.33     | 8.49       | 4.69    | ppb   |
| Boron      | 11-1  | 9.39     | 8.77     | 8.92     | 9.03       | 3.57    | ppb   |
| Cadmium    | 111-1 | 0.07     | 0.09     | 0.01     | 0.05       | 80.23   | ppb   |
| Cadmium    | 106-1 | -0.37    | 0.17     | -1.09    | -0.43      |         | ppb   |
| Cadmium    | 108-1 | 0.03     | 0.06     | 0.03     | 0.04       | 44.15   | ppb   |
| Calcium    | 43-1  | 24989.56 | 25083.57 | 25389.28 | 25154.14   | 0.83    | ppb   |
| Calcium    | 44-1  | 24978.25 | 25131.04 | 25307.71 | 25139.00   | 0.66    | ppb   |
| Chromium   | 52-2  | 0.61     | 0.47     | 0.51     | 0.53       | 13.59   | ppb   |
| Cobalt     | 59-2  | 4.62     | 4.55     | 4.63     | 4.60       | 0.94    | ppb   |
| Copper     | 63-2  | 11.62    | 11.54    | 11.78    | 11.65      | 1.04    | 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 |          |          |          | 91         |         | %     |
| Holmium    | 165-2 |          |          |          | 90         |         | %     |
| Indium     | 115-1 |          |          |          | 96         |         | %     |
| Indium     | 115-2 |          |          |          | 90         |         | %     |
| Iron       | 56-2  | 201.93   | 206.52   | 211.51   | 206.65     | 2.32    | ppb   |
| Iron       | 57-2  | 201.64   | 209.39   | 204.28   | 205.10     | 1.92    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.64     | 0.62     | 0.63     | 0.63       | 1.57    | ppb   |
| Lead       | 207-1 | 0.54     | 0.46     | 0.50     | 0.50       | 7.97    | ppb   |
| Lead       | 208-1 | 0.57     | 0.56     | 0.57     | 0.57       | 1.09    | ppb   |
| Lithium    | 6-1   |          |          |          | 113        |         | %     |
| Magnesium  | 24-2  | 8276.88  | 8377.72  | 8472.86  | 8375.82    | 1.17    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX8D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:56:45 | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 21.31    | 21.17    | 21.46    | 21.31      | 0.69    | ppb   |
| Molybdenum | 94-1  | 0.55     | 0.53     | 0.48     | 0.52       | 6.91    | ppb   |
| Molybdenum | 95-1  | 0.51     | 0.49     | 0.53     | 0.51       | 4.16    | ppb   |
| Molybdenum | 96-1  | 0.48     | 0.52     | 0.52     | 0.51       | 3.91    | ppb   |
| Molybdenum | 97-1  | 0.46     | 0.57     | 0.50     | 0.51       | 11.74   | ppb   |
| Molybdenum | 98-1  | 0.48     | 0.53     | 0.55     | 0.52       | 6.65    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 8.06     | 7.90     | 8.22     | 8.06       | 2.01    | ppb   |
| Phosphorus | 31-2  | -6.30    | -13.95   | -29.41   | -16.55     |         | ppb   |
| Potassium  | 39-2  | 2317.77  | 2345.76  | 2326.25  | 2329.93    | 0.62    | ppb   |
| Rhodium    | 103-1 |          |          |          | 93         |         | %     |
| Rhodium    | 103-2 |          |          |          | 92         |         | %     |
| Scandium   | 45-1  |          |          |          | 97         |         | %     |
| Scandium   | 45-2  |          |          |          | 93         |         | %     |
| Selenium   | 77-2  | 3.48     | 7.58     | -0.62    | 3.48       | 117.86  | ppb   |
| Selenium   | 78-2  | 1.25     | -0.40    | -0.07    | 0.26       | 333.19  | ppb   |
| Selenium   | 82-1  | 1.27     | 0.45     | 0.47     | 0.73       | 63.89   | ppb   |
| Silicon    | 28-1  | 4613.94  | 4600.14  | 4687.17  | 4633.75    | 1.01    | ppb   |
| Silver     | 109-1 | 0.53     | 0.52     | 0.57     | 0.54       | 4.85    | ppb   |
| Silver     | 107-1 | 0.56     | 0.60     | 0.52     | 0.56       | 6.59    | ppb   |
| Sodium     | 23-2  | 34992.43 | 35116.30 | 35190.98 | 35099.90   | 0.29    | ppb   |
| Strontium  | 86-1  | 163.61   | 165.69   | 163.23   | 164.17     | 0.81    | ppb   |
| Strontium  | 88-1  | 166.89   | 169.06   | 169.58   | 168.51     | 0.85    | ppb   |
| Sulfur     | 34-1  | -504.28  | -598.64  | -375.36  | -492.76    |         | ppb   |
| Terbium    | 159-1 |          |          |          | 91         |         | %     |
| Terbium    | 159-2 |          |          |          | 90         |         | %     |
| Thallium   | 203-1 | 0.05     | 0.04     | 0.05     | 0.05       | 6.06    | ppb   |
| Thallium   | 205-1 | 0.05     | 0.05     | 0.05     | 0.05       | 6.70    | ppb   |
| Tin        | 118-1 | 0.74     | 0.81     | 0.83     | 0.80       | 6.01    | ppb   |
| Titanium   | 47-1  | 0.77     | 0.85     | 0.95     | 0.85       | 10.57   | ppb   |
| Uranium    | 238-1 | 0.18     | 0.15     | 0.16     | 0.16       | 8.90    | ppb   |
| Vanadium   | 51-2  | 0.63     | 0.60     | 0.65     | 0.63       | 3.83    | ppb   |
| Yttrium    | 89-1  |          |          |          | 96         |         | %     |
| Yttrium    | 89-2  |          |          |          | 91         |         | %     |
| Zinc       | 66-2  | 30.90    | 31.94    | 32.51    | 31.78      | 2.57    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX8D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:56:45 | DataFile Name :   | 033SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.07    | 0.06    | 0.09    | 0.07       | 22.10   | ppb   |
| Zirconium | 91-1 | 0.06    | 0.11    | 0.05    | 0.07       | 42.41   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-04LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX8L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-02-05 14:00:12 | DataFile Name :   | 034SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 16.21   | 11.14   | 11.41   | 12.92      | 22.08   | ppb   |
| Antimony   | 121-1 | 0.05    | 0.04    | 0.05    | 0.05       | 10.75   | ppb   |
| Arsenic    | 75-2  | 0.06    | 0.01    | 0.05    | 0.04       | 65.92   | ppb   |
| Barium     | 135-1 | 13.15   | 13.32   | 13.16   | 13.21      | 0.71    | ppb   |
| Barium     | 137-1 | 13.26   | 12.91   | 13.32   | 13.16      | 1.67    | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.00    | 0.03    | 0.02       | 84.49   | ppb   |
| Bismuth    | 209-1 |         |         |         | 90         |         | %     |
| Bismuth    | 209-2 |         |         |         | 87         |         | %     |
| Boron      | 10-1  | 3.80    | 4.03    | 3.70    | 3.84       | 4.33    | ppb   |
| Boron      | 11-1  | 3.83    | 3.68    | 3.84    | 3.78       | 2.44    | ppb   |
| Cadmium    | 111-1 | 0.06    | -0.01   | 0.03    | 0.03       | 151.38  | ppb   |
| Cadmium    | 106-1 | 0.84    | -0.33   | 0.21    | 0.24       | 245.09  | ppb   |
| Cadmium    | 108-1 | 0.11    | -0.03   | 0.08    | 0.05       | 134.74  | ppb   |
| Calcium    | 43-1  | 4980.43 | 4970.83 | 4921.96 | 4957.74    | 0.63    | ppb   |
| Calcium    | 44-1  | 5134.82 | 5191.85 | 5104.09 | 5143.59    | 0.87    | ppb   |
| Chromium   | 52-2  | 0.33    | 0.21    | 0.27    | 0.27       | 22.24   | ppb   |
| Cobalt     | 59-2  | 0.94    | 0.87    | 0.83    | 0.88       | 6.69    | ppb   |
| Copper     | 63-2  | 2.47    | 2.50    | 2.46    | 2.48       | 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 |         |         |         | 92         |         | %     |
| Holmium    | 165-2 |         |         |         | 92         |         | %     |
| Indium     | 115-1 |         |         |         | 95         |         | %     |
| Indium     | 115-2 |         |         |         | 92         |         | %     |
| Iron       | 56-2  | 40.76   | 39.86   | 39.47   | 40.03      | 1.64    | ppb   |
| Iron       | 57-2  | 37.63   | 45.15   | 45.18   | 42.65      | 10.20   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.15    | 0.13    | 0.10    | 0.13       | 19.48   | ppb   |
| Lead       | 207-1 | 0.14    | 0.09    | 0.13    | 0.12       | 20.25   | ppb   |
| Lead       | 208-1 | 0.13    | 0.11    | 0.12    | 0.12       | 6.40    | ppb   |
| Lithium    | 6-1   |         |         |         | 101        |         | %     |
| Magnesium  | 24-2  | 1630.54 | 1656.43 | 1638.73 | 1641.90    | 0.81    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-04LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX8L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-02-05 14:00:12 | DataFile Name :   | 034SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 4.32    | 4.75    | 4.03    | 4.37       | 8.22    | ppb   |
| Molybdenum | 94-1  | 0.09    | 0.13    | 0.12    | 0.11       | 18.03   | ppb   |
| Molybdenum | 95-1  | 0.07    | 0.12    | 0.09    | 0.09       | 27.56   | ppb   |
| Molybdenum | 96-1  | 0.06    | 0.10    | 0.12    | 0.09       | 34.17   | ppb   |
| Molybdenum | 97-1  | 0.20    | 0.10    | 0.11    | 0.14       | 39.37   | ppb   |
| Molybdenum | 98-1  | 0.08    | 0.09    | 0.10    | 0.09       | 12.62   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 3.11    | 3.00    | 3.01    | 3.04       | 2.08    | ppb   |
| Phosphorus | 31-2  | -14.10  | -21.74  | -29.63  | -21.82     |         | ppb   |
| Potassium  | 39-2  | 484.62  | 481.94  | 488.04  | 484.87     | 0.63    | ppb   |
| Rhodium    | 103-1 |         |         |         | 96         |         | %     |
| Rhodium    | 103-2 |         |         |         | 95         |         | %     |
| Scandium   | 45-1  |         |         |         | 97         |         | %     |
| Scandium   | 45-2  |         |         |         | 94         |         | %     |
| Selenium   | 77-2  | -0.62   | 1.37    | 1.38    | 0.71       | 162.14  | ppb   |
| Selenium   | 78-2  | 1.53    | 0.56    | 0.57    | 0.89       | 62.56   | ppb   |
| Selenium   | 82-1  | -0.44   | 1.26    | 0.13    | 0.32       | 273.50  | ppb   |
| Silicon    | 28-1  | 923.88  | 906.29  | 904.09  | 911.42     | 1.19    | ppb   |
| Silver     | 109-1 | 0.15    | 0.16    | 0.14    | 0.15       | 6.28    | ppb   |
| Silver     | 107-1 | 0.17    | 0.16    | 0.15    | 0.16       | 8.11    | ppb   |
| Sodium     | 23-2  | 6896.55 | 6877.50 | 6836.50 | 6870.18    | 0.45    | ppb   |
| Strontium  | 86-1  | 31.99   | 33.42   | 32.35   | 32.58      | 2.28    | ppb   |
| Strontium  | 88-1  | 33.23   | 33.39   | 33.61   | 33.41      | 0.58    | ppb   |
| Sulfur     | 34-1  | 532.09  | 234.77  | 159.90  | 308.92     | 63.73   | ppb   |
| Terbium    | 159-1 |         |         |         | 93         |         | %     |
| Terbium    | 159-2 |         |         |         | 92         |         | %     |
| Thallium   | 203-1 | 0.01    | 0.01    | 0.01    | 0.01       | 24.58   | ppb   |
| Thallium   | 205-1 | 0.01    | 0.01    | 0.01    | 0.01       | 13.14   | ppb   |
| Tin        | 118-1 | 0.13    | 0.11    | 0.10    | 0.11       | 15.76   | ppb   |
| Titanium   | 47-1  | 0.17    | 0.18    | 0.19    | 0.18       | 4.39    | ppb   |
| Uranium    | 238-1 | 0.02    | 0.01    | 0.02    | 0.02       | 38.12   | ppb   |
| Vanadium   | 51-2  | 0.10    | 0.08    | 0.09    | 0.09       | 9.85    | ppb   |
| Yttrium    | 89-1  |         |         |         | 96         |         | %     |
| Yttrium    | 89-2  |         |         |         | 93         |         | %     |
| Zinc       | 66-2  | 6.52    | 6.11    | 6.24    | 6.29       | 3.27    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-04LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX8L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-02-05 14:00:12 | DataFile Name :   | 034SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.01    | 0.01    | 0.01    | 0.01       | 16.60   | ppb   |
| Zirconium | 91-1 | 0.01    | 0.00    | 0.00    | 0.00       | 40.23   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX8S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:03:41 | DataFile Name :   | 035SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 1970.22  | 1945.65  | 1997.02  | 1970.97    | 1.30    | ppb   |
| Antimony   | 121-1 | 102.31   | 103.35   | 101.57   | 102.41     | 0.87    | ppb   |
| Arsenic    | 75-2  | 40.68    | 40.70    | 41.99    | 41.12      | 1.83    | ppb   |
| Barium     | 135-1 | 2171.37  | 2183.67  | 2125.63  | 2160.22    | 1.42    | ppb   |
| Barium     | 137-1 | 2167.02  | 2138.91  | 2100.62  | 2135.52    | 1.56    | ppb   |
| Beryllium  | 9-1   | 44.23    | 43.07    | 42.57    | 43.29      | 1.97    | ppb   |
| Bismuth    | 209-1 |          |          |          | 87         |         | %     |
| Bismuth    | 209-2 |          |          |          | 83         |         | %     |
| Boron      | 10-1  | 8.09     | 7.52     | 8.13     | 7.91       | 4.27    | ppb   |
| Boron      | 11-1  | 8.05     | 8.10     | 7.79     | 7.98       | 2.04    | ppb   |
| Cadmium    | 111-1 | 51.36    | 51.30    | 49.50    | 50.72      | 2.08    | ppb   |
| Cadmium    | 106-1 | 45.90    | 47.79    | 44.32    | 46.00      | 3.77    | ppb   |
| Cadmium    | 108-1 | 46.65    | 46.29    | 45.97    | 46.30      | 0.74    | ppb   |
| Calcium    | 43-1  | 25069.06 | 24707.36 | 24947.24 | 24907.89   | 0.74    | ppb   |
| Calcium    | 44-1  | 24894.71 | 24837.78 | 25152.85 | 24961.78   | 0.67    | ppb   |
| Chromium   | 52-2  | 213.99   | 212.27   | 213.44   | 213.23     | 0.41    | ppb   |
| Cobalt     | 59-2  | 554.34   | 549.51   | 550.62   | 551.49     | 0.46    | ppb   |
| Copper     | 63-2  | 295.41   | 287.00   | 291.03   | 291.15     | 1.44    | 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 |          |          |          | 90         |         | %     |
| Holmium    | 165-2 |          |          |          | 89         |         | %     |
| Indium     | 115-1 |          |          |          | 96         |         | %     |
| Indium     | 115-2 |          |          |          | 89         |         | %     |
| Iron       | 56-2  | 1277.66  | 1254.42  | 1273.03  | 1268.37    | 0.97    | ppb   |
| Iron       | 57-2  | 1318.15  | 1282.25  | 1309.84  | 1303.41    | 1.44    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 20.22    | 20.01    | 20.02    | 20.08      | 0.61    | ppb   |
| Lead       | 207-1 | 19.86    | 19.76    | 19.88    | 19.83      | 0.31    | ppb   |
| Lead       | 208-1 | 19.89    | 19.89    | 19.89    | 19.89      | 0.02    | ppb   |
| Lithium    | 6-1   |          |          |          | 111        |         | %     |
| Magnesium  | 24-2  | 8333.10  | 8250.11  | 8198.38  | 8260.53    | 0.82    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX8S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:03:41 | DataFile Name :   | 035SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 538.04   | 524.25   | 529.29   | 530.53     | 1.32    | ppb   |
| Molybdenum | 94-1  | 0.50     | 0.52     | 0.58     | 0.53       | 7.07    | ppb   |
| Molybdenum | 95-1  | 0.61     | 0.58     | 0.65     | 0.61       | 5.94    | ppb   |
| Molybdenum | 96-1  | 0.63     | 0.54     | 0.53     | 0.57       | 9.72    | ppb   |
| Molybdenum | 97-1  | 0.63     | 0.64     | 0.57     | 0.61       | 6.08    | ppb   |
| Molybdenum | 98-1  | 0.54     | 0.59     | 0.57     | 0.57       | 3.84    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 558.92   | 546.59   | 552.70   | 552.74     | 1.12    | ppb   |
| Phosphorus | 31-2  | -13.17   | -13.61   | -37.24   | -21.34     |         | ppb   |
| Potassium  | 39-2  | 2309.76  | 2234.28  | 2287.96  | 2277.34    | 1.71    | ppb   |
| Rhodium    | 103-1 |          |          |          | 93         |         | %     |
| Rhodium    | 103-2 |          |          |          | 90         |         | %     |
| Scandium   | 45-1  |          |          |          | 95         |         | %     |
| Scandium   | 45-2  |          |          |          | 91         |         | %     |
| Selenium   | 77-2  | 129.87   | 129.12   | 132.94   | 130.64     | 1.55    | ppb   |
| Selenium   | 78-2  | 140.45   | 129.79   | 149.90   | 140.05     | 7.18    | ppb   |
| Selenium   | 82-1  | 139.34   | 138.31   | 137.26   | 138.30     | 0.75    | ppb   |
| Silicon    | 28-1  | 4569.22  | 4520.60  | 4510.50  | 4533.44    | 0.69    | ppb   |
| Silver     | 109-1 | 50.80    | 49.78    | 49.38    | 49.99      | 1.46    | ppb   |
| Silver     | 107-1 | 51.25    | 50.18    | 49.73    | 50.39      | 1.55    | ppb   |
| Sodium     | 23-2  | 35021.95 | 34148.35 | 34232.76 | 34467.69   | 1.40    | ppb   |
| Strontium  | 86-1  | 163.66   | 163.53   | 161.54   | 162.91     | 0.73    | ppb   |
| Strontium  | 88-1  | 164.77   | 166.45   | 163.51   | 164.91     | 0.89    | ppb   |
| Sulfur     | 34-1  | 106.87   | -470.79  | -404.42  | -256.12    |         | ppb   |
| Terbium    | 159-1 |          |          |          | 91         |         | %     |
| Terbium    | 159-2 |          |          |          | 88         |         | %     |
| Thallium   | 203-1 | 48.88    | 47.34    | 49.07    | 48.43      | 1.96    | ppb   |
| Thallium   | 205-1 | 49.19    | 47.63    | 49.81    | 48.88      | 2.30    | ppb   |
| Tin        | 118-1 | 1.28     | 1.23     | 1.19     | 1.23       | 3.57    | ppb   |
| Titanium   | 47-1  | 0.72     | 0.64     | 0.75     | 0.70       | 8.38    | ppb   |
| Uranium    | 238-1 | 0.19     | 0.15     | 0.15     | 0.16       | 13.84   | ppb   |
| Vanadium   | 51-2  | 531.73   | 520.10   | 528.12   | 526.65     | 1.13    | ppb   |
| Yttrium    | 89-1  |          |          |          | 95         |         | %     |
| Yttrium    | 89-2  |          |          |          | 89         |         | %     |
| Zinc       | 66-2  | 569.52   | 563.78   | 566.61   | 566.64     | 0.51    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX8S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:03:41 | DataFile Name :   | 035SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.08    | 0.08    | 0.08    | 0.08       | 3.06    | ppb   |
| Zirconium | 91-1 | 0.09    | 0.09    | 0.08    | 0.09       | 5.78    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX4              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:07:07 | DataFile Name :   | 036SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 66.57   | 60.61   | 62.28   | 63.15      | 4.86    | ppb   |
| Antimony   | 121-1 | 0.23    | 0.22    | 0.23    | 0.22       | 3.92    | ppb   |
| Arsenic    | 75-2  | 0.05    | 0.15    | 0.18    | 0.13       | 51.17   | ppb   |
| Barium     | 135-1 | 16.93   | 16.92   | 16.37   | 16.74      | 1.92    | ppb   |
| Barium     | 137-1 | 16.53   | 16.40   | 16.51   | 16.48      | 0.43    | ppb   |
| Beryllium  | 9-1   | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Bismuth    | 209-1 |         |         |         | 87         |         | %     |
| Bismuth    | 209-2 |         |         |         | 85         |         | %     |
| Boron      | 10-1  | 4.41    | 4.56    | 4.92    | 4.63       | 5.61    | ppb   |
| Boron      | 11-1  | 4.51    | 4.31    | 4.40    | 4.41       | 2.35    | ppb   |
| Cadmium    | 111-1 | 0.05    | 0.02    | -0.02   | 0.02       | 218.40  | ppb   |
| Cadmium    | 106-1 | 0.69    | 0.33    | -0.27   | 0.25       | 191.94  | ppb   |
| Cadmium    | 108-1 | -0.06   | 0.00    | 0.03    | -0.01      |         | ppb   |
| Calcium    | 43-1  | 4170.31 | 4122.16 | 4333.96 | 4208.81    | 2.64    | ppb   |
| Calcium    | 44-1  | 4404.14 | 4407.21 | 4473.57 | 4428.31    | 0.89    | ppb   |
| Chromium   | 52-2  | 2.81    | 2.77    | 2.73    | 2.77       | 1.39    | ppb   |
| Cobalt     | 59-2  | 19.20   | 19.03   | 18.61   | 18.95      | 1.61    | ppb   |
| Copper     | 63-2  | 2.92    | 2.91    | 2.96    | 2.93       | 0.84    | 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 |         |         |         | 89         |         | %     |
| Holmium    | 165-2 |         |         |         | 88         |         | %     |
| Indium     | 115-1 |         |         |         | 95         |         | %     |
| Indium     | 115-2 |         |         |         | 88         |         | %     |
| Iron       | 56-2  | 1015.94 | 999.24  | 1007.18 | 1007.45    | 0.83    | ppb   |
| Iron       | 57-2  | 1028.52 | 1020.30 | 1042.77 | 1030.53    | 1.10    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.24    | 0.27    | 0.26    | 0.26       | 6.62    | ppb   |
| Lead       | 207-1 | 0.21    | 0.18    | 0.23    | 0.21       | 13.06   | ppb   |
| Lead       | 208-1 | 0.22    | 0.21    | 0.23    | 0.22       | 4.45    | ppb   |
| Lithium    | 6-1   |         |         |         | 108        |         | %     |
| Magnesium  | 24-2  | 499.97  | 511.12  | 483.99  | 498.36     | 2.74    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX4              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:07:07 | DataFile Name :   | 036SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 73.09   | 74.11   | 73.08   | 73.43      | 0.81    | ppb   |
| Molybdenum | 94-1  | 0.81    | 0.85    | 0.85    | 0.84       | 2.73    | ppb   |
| Molybdenum | 95-1  | 0.91    | 0.84    | 0.91    | 0.89       | 4.41    | ppb   |
| Molybdenum | 96-1  | 0.83    | 0.88    | 0.77    | 0.83       | 7.07    | ppb   |
| Molybdenum | 97-1  | 0.92    | 0.94    | 0.94    | 0.94       | 1.22    | ppb   |
| Molybdenum | 98-1  | 0.88    | 0.92    | 0.90    | 0.90       | 2.21    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 3.73    | 4.00    | 3.87    | 3.86       | 3.44    | ppb   |
| Phosphorus | 31-2  | -37.24  | -29.07  | -12.95  | -26.42     |         | ppb   |
| Potassium  | 39-2  | 2582.14 | 2551.80 | 2560.87 | 2564.94    | 0.61    | ppb   |
| Rhodium    | 103-1 |         |         |         | 92         |         | %     |
| Rhodium    | 103-2 |         |         |         | 91         |         | %     |
| Scandium   | 45-1  |         |         |         | 94         |         | %     |
| Scandium   | 45-2  |         |         |         | 89         |         | %     |
| Selenium   | 77-2  | 1.49    | -0.62   | -0.62   | 0.08       | 1449.77 | ppb   |
| Selenium   | 78-2  | 0.96    | -0.06   | 0.98    | 0.63       | 94.84   | ppb   |
| Selenium   | 82-1  | 0.46    | -0.57   | 0.39    | 0.09       | 635.80  | ppb   |
| Silicon    | 28-1  | 4011.20 | 3810.72 | 4100.12 | 3974.01    | 3.73    | ppb   |
| Silver     | 109-1 | 0.40    | 0.47    | 0.41    | 0.43       | 8.11    | ppb   |
| Silver     | 107-1 | 0.46    | 0.46    | 0.43    | 0.45       | 3.62    | ppb   |
| Sodium     | 23-2  | 3794.06 | 3758.03 | 3677.51 | 3743.20    | 1.59    | ppb   |
| Strontium  | 86-1  | 65.93   | 65.76   | 64.84   | 65.51      | 0.89    | ppb   |
| Strontium  | 88-1  | 66.77   | 67.71   | 67.34   | 67.27      | 0.71    | ppb   |
| Sulfur     | 34-1  | 312.28  | 215.73  | 1718.80 | 748.94     | 112.33  | ppb   |
| Terbium    | 159-1 |         |         |         | 91         |         | %     |
| Terbium    | 159-2 |         |         |         | 88         |         | %     |
| Thallium   | 203-1 | 0.04    | 0.04    | 0.04    | 0.04       | 8.14    | ppb   |
| Thallium   | 205-1 | 0.05    | 0.04    | 0.04    | 0.04       | 17.91   | ppb   |
| Tin        | 118-1 | 0.42    | 0.36    | 0.41    | 0.40       | 8.68    | ppb   |
| Titanium   | 47-1  | 2.91    | 4.31    | 3.27    | 3.50       | 20.83   | ppb   |
| Uranium    | 238-1 | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.33    | 0.34    | 0.32    | 0.33       | 3.99    | ppb   |
| Yttrium    | 89-1  |         |         |         | 94         |         | %     |
| Yttrium    | 89-2  |         |         |         | 88         |         | %     |
| Zinc       | 66-2  | 19.91   | 19.10   | 20.08   | 19.70      | 2.66    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX4              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:07:07 | DataFile Name :   | 036SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.14    | 0.13    | 0.14    | 0.14       | 3.45    | ppb   |
| Zirconium | 91-1 | 0.16    | 0.11    | 0.11    | 0.12       | 22.12   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX6              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:10:35 | DataFile Name :   | 037SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 15.34   | 11.61   | 11.97   | 12.97      | 15.87   | ppb   |
| Antimony   | 121-1 | 0.21    | 0.18    | 0.20    | 0.20       | 6.24    | ppb   |
| Arsenic    | 75-2  | 0.03    | 0.10    | 0.02    | 0.05       | 78.20   | ppb   |
| Barium     | 135-1 | 13.64   | 13.48   | 13.91   | 13.68      | 1.60    | ppb   |
| Barium     | 137-1 | 13.34   | 13.04   | 13.31   | 13.23      | 1.26    | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.03    | 0.01    | 0.02       | 30.30   | ppb   |
| Bismuth    | 209-1 |         |         |         | 90         |         | %     |
| Bismuth    | 209-2 |         |         |         | 85         |         | %     |
| Boron      | 10-1  | 46.13   | 44.09   | 44.61   | 44.95      | 2.36    | ppb   |
| Boron      | 11-1  | 48.25   | 47.88   | 48.11   | 48.08      | 0.39    | ppb   |
| Cadmium    | 111-1 | 0.14    | 0.07    | 0.01    | 0.07       | 85.88   | ppb   |
| Cadmium    | 106-1 | 1.06    | 0.41    | -0.20   | 0.42       | 148.06  | ppb   |
| Cadmium    | 108-1 | -0.06   | -0.06   | 0.03    | -0.03      |         | ppb   |
| Calcium    | 43-1  | 3460.74 | 3456.48 | 3500.91 | 3472.71    | 0.71    | ppb   |
| Calcium    | 44-1  | 3631.99 | 3559.12 | 3645.42 | 3612.18    | 1.29    | ppb   |
| Chromium   | 52-2  | 1.12    | 1.08    | 1.06    | 1.09       | 2.97    | ppb   |
| Cobalt     | 59-2  | 0.70    | 0.64    | 0.72    | 0.68       | 5.54    | ppb   |
| Copper     | 63-2  | 7.71    | 7.82    | 7.84    | 7.79       | 0.91    | 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 |         |         |         | 92         |         | %     |
| Holmium    | 165-2 |         |         |         | 89         |         | %     |
| Indium     | 115-1 |         |         |         | 96         |         | %     |
| Indium     | 115-2 |         |         |         | 88         |         | %     |
| Iron       | 56-2  | 10.97   | 10.28   | 10.26   | 10.50      | 3.82    | ppb   |
| Iron       | 57-2  | 10.61   | 10.19   | 9.32    | 10.04      | 6.56    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.40    | 0.42    | 0.38    | 0.40       | 4.84    | ppb   |
| Lead       | 207-1 | 0.35    | 0.36    | 0.33    | 0.35       | 4.41    | ppb   |
| Lead       | 208-1 | 0.37    | 0.35    | 0.35    | 0.36       | 2.91    | ppb   |
| Lithium    | 6-1   |         |         |         | 110        |         | %     |
| Magnesium  | 24-2  | 1284.69 | 1286.10 | 1272.69 | 1281.16    | 0.58    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX6              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:10:35 | DataFile Name :   | 037SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 5.12     | 4.95     | 4.96     | 5.01       | 1.93    | ppb   |
| Molybdenum | 94-1  | 0.05     | 0.10     | 0.04     | 0.06       | 57.51   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.01     | 0.04     | 0.02       | 56.82   | ppb   |
| Molybdenum | 96-1  | 0.01     | 0.03     | 0.02     | 0.02       | 49.31   | ppb   |
| Molybdenum | 97-1  | 0.06     | 0.08     | 0.04     | 0.06       | 33.23   | ppb   |
| Molybdenum | 98-1  | 0.03     | 0.03     | 0.02     | 0.03       | 14.70   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1.75     | 1.63     | 1.86     | 1.75       | 6.60    | ppb   |
| Phosphorus | 31-2  | -37.24   | -29.06   | -4.93    | -23.74     |         | ppb   |
| Potassium  | 39-2  | 7354.33  | 7372.82  | 7316.99  | 7348.05    | 0.39    | ppb   |
| Rhodium    | 103-1 |          |          |          | 94         |         | %     |
| Rhodium    | 103-2 |          |          |          | 91         |         | %     |
| Scandium   | 45-1  |          |          |          | 95         |         | %     |
| Scandium   | 45-2  |          |          |          | 89         |         | %     |
| Selenium   | 77-2  | -0.62    | -0.62    | 3.61     | 0.79       | 309.24  | ppb   |
| Selenium   | 78-2  | 0.27     | 0.64     | -0.06    | 0.28       | 122.30  | ppb   |
| Selenium   | 82-1  | 0.08     | -0.41    | -0.34    | -0.23      |         | ppb   |
| Silicon    | 28-1  | 3711.03  | 3645.92  | 3755.34  | 3704.09    | 1.49    | ppb   |
| Silver     | 109-1 | 0.41     | 0.38     | 0.37     | 0.39       | 5.71    | ppb   |
| Silver     | 107-1 | 0.36     | 0.39     | 0.39     | 0.38       | 3.43    | ppb   |
| Sodium     | 23-2  | 17449.24 | 17247.37 | 17273.58 | 17323.39   | 0.63    | ppb   |
| Strontium  | 86-1  | 24.89    | 24.52    | 24.16    | 24.52      | 1.49    | ppb   |
| Strontium  | 88-1  | 24.98    | 24.56    | 24.58    | 24.71      | 0.95    | ppb   |
| Sulfur     | 34-1  | -913.73  | -1317.07 | -1013.30 | -1081.37   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 94         |         | %     |
| Terbium    | 159-2 |          |          |          | 89         |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.03     | 0.02       | 61.10   | ppb   |
| Thallium   | 205-1 | 0.02     | 0.02     | 0.03     | 0.02       | 15.28   | ppb   |
| Tin        | 118-1 | 0.19     | 0.25     | 0.22     | 0.22       | 12.32   | ppb   |
| Titanium   | 47-1  | 0.59     | 0.60     | 0.39     | 0.53       | 22.75   | ppb   |
| Uranium    | 238-1 | 0.00     | -0.01    | -0.01    | -0.01      |         | ppb   |
| Vanadium   | 51-2  | 0.19     | 0.18     | 0.17     | 0.18       | 6.69    | ppb   |
| Yttrium    | 89-1  |          |          |          | 96         |         | %     |
| Yttrium    | 89-2  |          |          |          | 88         |         | %     |
| Zinc       | 66-2  | 11.43    | 10.58    | 11.87    | 11.29      | 5.81    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX6              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:10:35 | DataFile Name :   | 037SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.02    | 0.02    | 0.03    | 0.02       | 21.46   | ppb   |
| Zirconium | 91-1 | 0.02    | 0.01    | 0.03    | 0.02       | 36.67   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX9              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:14:03 | DataFile Name :   | 038SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 365.20  | 382.98  | 375.31  | 374.50     | 2.38    | ppb   |
| Antimony   | 121-1 | 1.33    | 1.29    | 1.34    | 1.32       | 2.22    | ppb   |
| Arsenic    | 75-2  | 4.16    | 4.36    | 4.13    | 4.22       | 3.03    | ppb   |
| Barium     | 135-1 | 67.75   | 64.37   | 66.69   | 66.27      | 2.61    | ppb   |
| Barium     | 137-1 | 66.45   | 64.72   | 66.42   | 65.87      | 1.51    | ppb   |
| Beryllium  | 9-1   | 0.00    | -0.02   | 0.00    | -0.01      |         | ppb   |
| Bismuth    | 209-1 |         |         |         | 88         |         | %     |
| Bismuth    | 209-2 |         |         |         | 84         |         | %     |
| Boron      | 10-1  | 25.97   | 26.75   | 24.98   | 25.90      | 3.41    | ppb   |
| Boron      | 11-1  | 25.76   | 25.74   | 25.36   | 25.62      | 0.87    | ppb   |
| Cadmium    | 111-1 | -0.03   | -0.03   | 0.01    | -0.01      |         | ppb   |
| Cadmium    | 106-1 | -0.32   | -0.45   | 0.04    | -0.24      |         | ppb   |
| Cadmium    | 108-1 | 0.12    | 0.10    | 0.14    | 0.12       | 15.57   | ppb   |
| Calcium    | 43-1  | 7031.61 | 6710.71 | 6903.97 | 6882.10    | 2.35    | ppb   |
| Calcium    | 44-1  | 6954.69 | 6696.56 | 6869.49 | 6840.25    | 1.92    | ppb   |
| Chromium   | 52-2  | 0.61    | 0.62    | 0.63    | 0.62       | 2.32    | ppb   |
| Cobalt     | 59-2  | 0.39    | 0.43    | 0.38    | 0.40       | 6.36    | ppb   |
| Copper     | 63-2  | 2.71    | 2.77    | 2.82    | 2.77       | 1.90    | 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 |         |         |         | 92         |         | %     |
| Holmium    | 165-2 |         |         |         | 89         |         | %     |
| Indium     | 115-1 |         |         |         | 93         |         | %     |
| Indium     | 115-2 |         |         |         | 88         |         | %     |
| Iron       | 56-2  | 43.34   | 43.36   | 42.68   | 43.13      | 0.90    | ppb   |
| Iron       | 57-2  | 43.03   | 42.82   | 50.17   | 45.34      | 9.22    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.41    | 0.41    | 0.48    | 0.44       | 9.73    | ppb   |
| Lead       | 207-1 | 0.33    | 0.33    | 0.41    | 0.36       | 13.11   | ppb   |
| Lead       | 208-1 | 0.38    | 0.39    | 0.41    | 0.39       | 4.57    | ppb   |
| Lithium    | 6-1   |         |         |         | 107        |         | %     |
| Magnesium  | 24-2  | 28.44   | 22.99   | 29.64   | 27.02      | 13.13   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX9              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:14:03 | DataFile Name :   | 038SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 0.72      | 0.80      | 0.70      | 0.74       | 7.10    | ppb   |
| Molybdenum | 94-1  | 18.39     | 17.20     | 18.23     | 17.94      | 3.61    | ppb   |
| Molybdenum | 95-1  | 25.43     | 24.10     | 25.01     | 24.85      | 2.74    | ppb   |
| Molybdenum | 96-1  | 24.31     | 23.11     | 24.30     | 23.91      | 2.89    | ppb   |
| Molybdenum | 97-1  | 25.65     | 23.77     | 25.06     | 24.83      | 3.88    | ppb   |
| Molybdenum | 98-1  | 25.20     | 23.96     | 25.13     | 24.76      | 2.80    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 2.02      | 2.09      | 1.95      | 2.02       | 3.51    | ppb   |
| Phosphorus | 31-2  | 34.35     | -4.93     | -37.24    | -2.61      |         | ppb   |
| Potassium  | 39-2  | 107106.48 | 107994.46 | 105062.45 | 106721.13  | 1.41    | ppb   |
| Rhodium    | 103-1 |           |           |           | 92         |         | %     |
| Rhodium    | 103-2 |           |           |           | 91         |         | %     |
| Scandium   | 45-1  |           |           |           | 95         |         | %     |
| Scandium   | 45-2  |           |           |           | 90         |         | %     |
| Selenium   | 77-2  | -0.62     | 1.47      | 1.47      | 0.77       | 156.02  | ppb   |
| Selenium   | 78-2  | 0.62      | 0.27      | 0.27      | 0.39       | 51.14   | ppb   |
| Selenium   | 82-1  | 0.86      | 0.39      | 0.67      | 0.64       | 37.72   | ppb   |
| Silicon    | 28-1  | 7680.69   | 7482.95   | 7653.45   | 7605.69    | 1.41    | ppb   |
| Silver     | 109-1 | 0.35      | 0.34      | 0.35      | 0.34       | 2.46    | ppb   |
| Silver     | 107-1 | 0.32      | 0.33      | 0.36      | 0.34       | 5.28    | ppb   |
| Sodium     | 23-2  | 111117.15 | 112094.34 | 109199.86 | 110803.78  | 1.33    | ppb   |
| Strontium  | 86-1  | 1166.67   | 1121.12   | 1162.17   | 1149.99    | 2.18    | ppb   |
| Strontium  | 88-1  | 1177.09   | 1116.35   | 1159.82   | 1151.09    | 2.72    | ppb   |
| Sulfur     | 34-1  | 7672.27   | 6132.73   | 6970.59   | 6925.20    | 11.13   | ppb   |
| Terbium    | 159-1 |           |           |           | 92         |         | %     |
| Terbium    | 159-2 |           |           |           | 89         |         | %     |
| Thallium   | 203-1 | -0.01     | -0.01     | -0.01     | -0.01      |         | ppb   |
| Thallium   | 205-1 | 0.00      | -0.01     | 0.00      | 0.00       |         | ppb   |
| Tin        | 118-1 | 2.02      | 1.82      | 1.97      | 1.94       | 5.50    | ppb   |
| Titanium   | 47-1  | 1.26      | 0.73      | 1.11      | 1.03       | 26.61   | ppb   |
| Uranium    | 238-1 | 0.02      | 0.01      | 0.02      | 0.01       | 9.42    | ppb   |
| Vanadium   | 51-2  | 3.45      | 3.62      | 3.41      | 3.49       | 3.20    | ppb   |
| Yttrium    | 89-1  |           |           |           | 95         |         | %     |
| Yttrium    | 89-2  |           |           |           | 89         |         | %     |
| Zinc       | 66-2  | 4.88      | 4.65      | 4.82      | 4.78       | 2.51    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX9              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:14:03 | DataFile Name :   | 038SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.05    | 0.02    | 0.03    | 0.03       | 42.94   | ppb   |
| Zirconium | 91-1 | 0.03    | 0.02    | 0.04    | 0.03       | 28.02   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECY0              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:17:30 | DataFile Name :   | 039SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 18.90    | 16.87    | 23.21    | 19.66      | 16.45   | ppb   |
| Antimony   | 121-1 | 0.21     | 0.18     | 0.20     | 0.20       | 6.11    | ppb   |
| Arsenic    | 75-2  | 0.79     | 0.59     | 0.92     | 0.77       | 22.14   | ppb   |
| Barium     | 135-1 | 25.16    | 25.51    | 26.46    | 25.71      | 2.61    | ppb   |
| Barium     | 137-1 | 25.79    | 26.17    | 25.70    | 25.89      | 0.97    | ppb   |
| Beryllium  | 9-1   | -0.01    | -0.01    | 0.00     | 0.00       |         | ppb   |
| Bismuth    | 209-1 |          |          |          | 91         |         | %     |
| Bismuth    | 209-2 |          |          |          | 87         |         | %     |
| Boron      | 10-1  | 13.59    | 13.90    | 15.16    | 14.22      | 5.86    | ppb   |
| Boron      | 11-1  | 14.10    | 13.32    | 13.87    | 13.76      | 2.92    | ppb   |
| Cadmium    | 111-1 | 0.00     | -0.06    | -0.09    | -0.05      |         | ppb   |
| Cadmium    | 106-1 | 0.12     | -0.76    | -1.12    | -0.58      |         | ppb   |
| Cadmium    | 108-1 | -0.03    | 0.11     | 0.05     | 0.04       | 158.95  | ppb   |
| Calcium    | 43-1  | 13258.57 | 13207.55 | 12975.34 | 13147.15   | 1.15    | ppb   |
| Calcium    | 44-1  | 13210.74 | 13149.82 | 13088.14 | 13149.57   | 0.47    | ppb   |
| Chromium   | 52-2  | 0.30     | 0.42     | 0.37     | 0.36       | 16.40   | ppb   |
| Cobalt     | 59-2  | 0.95     | 0.99     | 0.94     | 0.96       | 2.65    | ppb   |
| Copper     | 63-2  | 3.43     | 3.51     | 3.48     | 3.47       | 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 |          |          |          | 94         |         | %     |
| Holmium    | 165-2 |          |          |          | 91         |         | %     |
| Indium     | 115-1 |          |          |          | 97         |         | %     |
| Indium     | 115-2 |          |          |          | 88         |         | %     |
| Iron       | 56-2  | 860.32   | 871.91   | 872.01   | 868.08     | 0.77    | ppb   |
| Iron       | 57-2  | 870.17   | 888.60   | 877.85   | 878.87     | 1.05    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.20     | 0.18     | 0.15     | 0.17       | 15.15   | ppb   |
| Lead       | 207-1 | 0.12     | 0.14     | 0.15     | 0.14       | 9.19    | ppb   |
| Lead       | 208-1 | 0.14     | 0.16     | 0.14     | 0.15       | 5.73    | ppb   |
| Lithium    | 6-1   |          |          |          | 109        |         | %     |
| Magnesium  | 24-2  | 2871.21  | 2885.88  | 2834.55  | 2863.88    | 0.92    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECY0              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:17:30 | DataFile Name :   | 039SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 319.64   | 322.54   | 326.02   | 322.73     | 0.99    | ppb   |
| Molybdenum | 94-1  | 5.90     | 5.95     | 5.77     | 5.87       | 1.54    | ppb   |
| Molybdenum | 95-1  | 8.22     | 8.08     | 8.12     | 8.14       | 0.89    | ppb   |
| Molybdenum | 96-1  | 8.05     | 7.96     | 7.87     | 7.96       | 1.13    | ppb   |
| Molybdenum | 97-1  | 8.21     | 8.33     | 8.68     | 8.41       | 2.91    | ppb   |
| Molybdenum | 98-1  | 8.33     | 8.34     | 8.32     | 8.33       | 0.13    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1.01     | 1.14     | 1.10     | 1.08       | 6.25    | ppb   |
| Phosphorus | 31-2  | -21.28   | -12.90   | -37.24   | -23.81     |         | ppb   |
| Potassium  | 39-2  | 9503.66  | 9746.32  | 9609.50  | 9619.83    | 1.26    | ppb   |
| Rhodium    | 103-1 |          |          |          | 95         |         | %     |
| Rhodium    | 103-2 |          |          |          | 91         |         | %     |
| Scandium   | 45-1  |          |          |          | 97         |         | %     |
| Scandium   | 45-2  |          |          |          | 89         |         | %     |
| Selenium   | 77-2  | -0.62    | -0.62    | 1.52     | 0.09       | 1321.10 | ppb   |
| Selenium   | 78-2  | 0.28     | 0.95     | 0.64     | 0.62       | 53.89   | ppb   |
| Selenium   | 82-1  | -0.06    | 0.72     | 0.49     | 0.38       | 105.53  | ppb   |
| Silicon    | 28-1  | 5780.68  | 5766.82  | 5712.01  | 5753.17    | 0.63    | ppb   |
| Silver     | 109-1 | 0.36     | 0.36     | 0.35     | 0.36       | 0.98    | ppb   |
| Silver     | 107-1 | 0.33     | 0.34     | 0.34     | 0.34       | 2.73    | ppb   |
| Sodium     | 23-2  | 26110.80 | 26255.01 | 26316.82 | 26227.54   | 0.40    | ppb   |
| Strontium  | 86-1  | 91.73    | 90.14    | 90.35    | 90.74      | 0.95    | ppb   |
| Strontium  | 88-1  | 94.18    | 93.32    | 93.39    | 93.63      | 0.51    | ppb   |
| Sulfur     | 34-1  | 1987.19  | 1688.07  | 1639.00  | 1771.42    | 10.64   | ppb   |
| Terbium    | 159-1 |          |          |          | 94         |         | %     |
| Terbium    | 159-2 |          |          |          | 90         |         | %     |
| Thallium   | 203-1 | -0.01    | 0.00     | -0.01    | -0.01      |         | ppb   |
| Thallium   | 205-1 | -0.01    | -0.01    | -0.01    | -0.01      |         | ppb   |
| Tin        | 118-1 | 0.41     | 0.37     | 0.42     | 0.40       | 6.62    | ppb   |
| Titanium   | 47-1  | 0.68     | 0.63     | 0.51     | 0.61       | 14.53   | ppb   |
| Uranium    | 238-1 | 0.29     | 0.27     | 0.27     | 0.28       | 3.44    | ppb   |
| Vanadium   | 51-2  | 0.19     | 0.22     | 0.25     | 0.22       | 13.41   | ppb   |
| Yttrium    | 89-1  |          |          |          | 97         |         | %     |
| Yttrium    | 89-2  |          |          |          | 88         |         | %     |
| Zinc       | 66-2  | 9.78     | 9.75     | 10.09    | 9.87       | 1.88    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECY0              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:17:30 | DataFile Name :   | 039SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.03    | 0.03    | 0.02    | 0.03       | 15.03   | ppb   |
| Zirconium | 91-1 | 0.03    | 0.03    | 0.04    | 0.03       | 32.00   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-13            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECY3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:20:57 | DataFile Name :   | 040SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 94.87    | 94.67    | 102.61   | 97.38      | 4.65    | ppb   |
| Antimony   | 121-1 | 0.27     | 0.24     | 0.25     | 0.25       | 6.46    | ppb   |
| Arsenic    | 75-2  | 1.38     | 1.40     | 1.53     | 1.44       | 5.66    | ppb   |
| Barium     | 135-1 | 24.46    | 23.81    | 24.18    | 24.15      | 1.34    | ppb   |
| Barium     | 137-1 | 24.33    | 24.29    | 23.60    | 24.07      | 1.69    | ppb   |
| Beryllium  | 9-1   | 0.01     | 0.00     | 0.01     | 0.01       | 126.20  | ppb   |
| Bismuth    | 209-1 |          |          |          | 93         |         | %     |
| Bismuth    | 209-2 |          |          |          | 86         |         | %     |
| Boron      | 10-1  | 16.90    | 16.54    | 18.48    | 17.31      | 5.98    | ppb   |
| Boron      | 11-1  | 16.85    | 16.59    | 17.41    | 16.95      | 2.49    | ppb   |
| Cadmium    | 111-1 | 0.05     | -0.03    | -0.07    | -0.02      |         | ppb   |
| Cadmium    | 106-1 | 0.71     | -0.30    | -0.83    | -0.14      |         | ppb   |
| Cadmium    | 108-1 | 0.05     | 0.13     | 0.02     | 0.07       | 83.93   | ppb   |
| Calcium    | 43-1  | 10545.47 | 10437.03 | 10499.02 | 10493.84   | 0.52    | ppb   |
| Calcium    | 44-1  | 10673.68 | 10569.74 | 10650.96 | 10631.46   | 0.51    | ppb   |
| Chromium   | 52-2  | 0.67     | 0.67     | 0.66     | 0.67       | 1.13    | ppb   |
| Cobalt     | 59-2  | 0.46     | 0.45     | 0.45     | 0.45       | 1.11    | ppb   |
| Copper     | 63-2  | 2.05     | 2.08     | 2.12     | 2.08       | 1.64    | 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 |          |          |          | 95         |         | %     |
| Holmium    | 165-2 |          |          |          | 90         |         | %     |
| Indium     | 115-1 |          |          |          | 97         |         | %     |
| Indium     | 115-2 |          |          |          | 87         |         | %     |
| Iron       | 56-2  | 1550.78  | 1536.49  | 1551.16  | 1546.14    | 0.54    | ppb   |
| Iron       | 57-2  | 1555.52  | 1507.83  | 1494.31  | 1519.22    | 2.12    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.47     | 0.44     | 0.50     | 0.47       | 7.33    | ppb   |
| Lead       | 207-1 | 0.38     | 0.36     | 0.39     | 0.38       | 3.93    | ppb   |
| Lead       | 208-1 | 0.42     | 0.40     | 0.42     | 0.41       | 3.41    | ppb   |
| Lithium    | 6-1   |          |          |          | 109        |         | %     |
| Magnesium  | 24-2  | 2025.37  | 1977.46  | 2027.72  | 2010.18    | 1.41    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-13            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECY3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:20:57 | DataFile Name :   | 040SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 223.06   | 216.60   | 218.37   | 219.34     | 1.52    | ppb   |
| Molybdenum | 94-1  | 5.52     | 5.60     | 5.56     | 5.56       | 0.67    | ppb   |
| Molybdenum | 95-1  | 7.55     | 7.65     | 7.65     | 7.62       | 0.72    | ppb   |
| Molybdenum | 96-1  | 7.30     | 7.31     | 7.34     | 7.32       | 0.35    | ppb   |
| Molybdenum | 97-1  | 7.53     | 7.35     | 7.53     | 7.47       | 1.39    | ppb   |
| Molybdenum | 98-1  | 7.51     | 7.63     | 7.53     | 7.56       | 0.85    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.92     | 0.88     | 1.00     | 0.93       | 6.47    | ppb   |
| Phosphorus | 31-2  | 3.60     | 11.30    | 12.67    | 9.19       | 53.18   | ppb   |
| Potassium  | 39-2  | 5699.43  | 5679.61  | 5771.80  | 5716.94    | 0.85    | ppb   |
| Rhodium    | 103-1 |          |          |          | 95         |         | %     |
| Rhodium    | 103-2 |          |          |          | 91         |         | %     |
| Scandium   | 45-1  |          |          |          | 95         |         | %     |
| Scandium   | 45-2  |          |          |          | 88         |         | %     |
| Selenium   | 77-2  | 1.48     | 5.78     | 3.70     | 3.65       | 58.79   | ppb   |
| Selenium   | 78-2  | 1.29     | -0.06    | 0.99     | 0.74       | 95.28   | ppb   |
| Selenium   | 82-1  | 0.71     | 0.85     | 0.40     | 0.66       | 35.17   | ppb   |
| Silicon    | 28-1  | 5286.63  | 5209.63  | 5169.37  | 5221.87    | 1.14    | ppb   |
| Silver     | 109-1 | 0.34     | 0.29     | 0.31     | 0.31       | 8.18    | ppb   |
| Silver     | 107-1 | 0.32     | 0.30     | 0.32     | 0.31       | 4.23    | ppb   |
| Sodium     | 23-2  | 47895.94 | 46989.61 | 47545.88 | 47477.14   | 0.96    | ppb   |
| Strontium  | 86-1  | 96.87    | 98.48    | 98.99    | 98.12      | 1.13    | ppb   |
| Strontium  | 88-1  | 101.75   | 101.75   | 102.33   | 101.94     | 0.33    | ppb   |
| Sulfur     | 34-1  | 4443.15  | 4345.43  | 3876.96  | 4221.85    | 7.17    | ppb   |
| Terbium    | 159-1 |          |          |          | 96         |         | %     |
| Terbium    | 159-2 |          |          |          | 91         |         | %     |
| Thallium   | 203-1 | 0.01     | 0.00     | 0.00     | 0.00       | 1142.98 | ppb   |
| Thallium   | 205-1 | 0.00     | 0.01     | 0.00     | 0.00       | 115.86  | ppb   |
| Tin        | 118-1 | 0.45     | 0.49     | 0.43     | 0.46       | 6.41    | ppb   |
| Titanium   | 47-1  | 1.36     | 1.47     | 1.54     | 1.46       | 5.90    | ppb   |
| Uranium    | 238-1 | 0.44     | 0.42     | 0.45     | 0.44       | 3.43    | ppb   |
| Vanadium   | 51-2  | 0.30     | 0.27     | 0.31     | 0.29       | 6.08    | ppb   |
| Yttrium    | 89-1  |          |          |          | 97         |         | %     |
| Yttrium    | 89-2  |          |          |          | 87         |         | %     |
| Zinc       | 66-2  | 7.62     | 7.64     | 8.09     | 7.78       | 3.41    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-13            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECY3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:20:57 | DataFile Name :   | 040SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.09    | 0.11    | 0.13    | 0.11       | 19.71   | ppb   |
| Zirconium | 91-1 | 0.12    | 0.09    | 0.12    | 0.11       | 13.70   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-14            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECY5              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:24:24 | DataFile Name :   | 041SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 33.13    | 35.80    | 37.85    | 35.59      | 6.65    | ppb   |
| Antimony   | 121-1 | 0.16     | 0.16     | 0.21     | 0.18       | 16.36   | ppb   |
| Arsenic    | 75-2  | 0.05     | 0.06     | 0.05     | 0.05       | 1.22    | ppb   |
| Barium     | 135-1 | 42.76    | 41.33    | 42.25    | 42.11      | 1.71    | ppb   |
| Barium     | 137-1 | 42.55    | 41.09    | 42.23    | 41.96      | 1.83    | ppb   |
| Beryllium  | 9-1   | 0.07     | 0.07     | 0.04     | 0.06       | 30.34   | ppb   |
| Bismuth    | 209-1 |          |          |          | 96         |         | %     |
| Bismuth    | 209-2 |          |          |          | 89         |         | %     |
| Boron      | 10-1  | 41.12    | 41.56    | 40.78    | 41.15      | 0.95    | ppb   |
| Boron      | 11-1  | 41.49    | 41.73    | 43.11    | 42.11      | 2.07    | ppb   |
| Cadmium    | 111-1 | 0.01     | -0.03    | 0.01     | 0.00       |         | ppb   |
| Cadmium    | 106-1 | -0.39    | -0.96    | -0.43    | -0.59      |         | ppb   |
| Cadmium    | 108-1 | 0.02     | 0.04     | -0.11    | -0.01      |         | ppb   |
| Calcium    | 43-1  | 15820.94 | 16002.95 | 15803.92 | 15875.93   | 0.69    | ppb   |
| Calcium    | 44-1  | 15931.85 | 15896.66 | 15847.04 | 15891.85   | 0.27    | ppb   |
| Chromium   | 52-2  | 1.94     | 1.75     | 1.78     | 1.82       | 5.56    | ppb   |
| Cobalt     | 59-2  | 2.39     | 2.31     | 2.39     | 2.36       | 1.90    | ppb   |
| Copper     | 63-2  | 7.83     | 7.78     | 7.75     | 7.79       | 0.47    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 97         |         | %     |
| Holmium    | 165-2 |          |          |          | 92         |         | %     |
| Indium     | 115-1 |          |          |          | 98         |         | %     |
| Indium     | 115-2 |          |          |          | 88         |         | %     |
| Iron       | 56-2  | 78.88    | 77.12    | 79.18    | 78.39      | 1.42    | ppb   |
| Iron       | 57-2  | 83.32    | 75.70    | 77.14    | 78.72      | 5.14    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.32     | 0.32     | 0.32     | 0.32       | 1.10    | ppb   |
| Lead       | 207-1 | 0.31     | 0.30     | 0.28     | 0.30       | 5.40    | ppb   |
| Lead       | 208-1 | 0.31     | 0.32     | 0.32     | 0.32       | 1.72    | ppb   |
| Lithium    | 6-1   |          |          |          | 108        |         | %     |
| Magnesium  | 24-2  | 5019.58  | 4963.69  | 5048.50  | 5010.59    | 0.86    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-14            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECY5              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:24:24 | DataFile Name :   | 041SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 15.10    | 15.13    | 15.10    | 15.11      | 0.10    | ppb   |
| Molybdenum | 94-1  | 0.19     | 0.21     | 0.18     | 0.19       | 7.58    | ppb   |
| Molybdenum | 95-1  | 0.23     | 0.17     | 0.23     | 0.21       | 14.56   | ppb   |
| Molybdenum | 96-1  | 0.22     | 0.22     | 0.20     | 0.21       | 4.22    | ppb   |
| Molybdenum | 97-1  | 0.25     | 0.19     | 0.24     | 0.23       | 13.18   | ppb   |
| Molybdenum | 98-1  | 0.23     | 0.25     | 0.23     | 0.24       | 3.58    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 4.92     | 4.67     | 5.16     | 4.92       | 5.06    | ppb   |
| Phosphorus | 31-2  | 4.05     | -20.87   | -3.91    | -6.91      |         | ppb   |
| Potassium  | 39-2  | 2996.55  | 2976.02  | 2976.15  | 2982.91    | 0.40    | ppb   |
| Rhodium    | 103-1 |          |          |          | 96         |         | %     |
| Rhodium    | 103-2 |          |          |          | 92         |         | %     |
| Scandium   | 45-1  |          |          |          | 95         |         | %     |
| Scandium   | 45-2  |          |          |          | 88         |         | %     |
| Selenium   | 77-2  | 5.75     | -0.62    | 5.75     | 3.62       | 101.41  | ppb   |
| Selenium   | 78-2  | 0.28     | 2.71     | 0.97     | 1.32       | 94.71   | ppb   |
| Selenium   | 82-1  | 0.47     | 0.17     | 1.12     | 0.59       | 82.23   | ppb   |
| Silicon    | 28-1  | 5018.86  | 5022.01  | 4980.51  | 5007.13    | 0.46    | ppb   |
| Silver     | 109-1 | 0.30     | 0.33     | 0.33     | 0.32       | 5.85    | ppb   |
| Silver     | 107-1 | 0.32     | 0.33     | 0.31     | 0.32       | 3.99    | ppb   |
| Sodium     | 23-2  | 22759.39 | 22412.76 | 22775.94 | 22649.36   | 0.91    | ppb   |
| Strontium  | 86-1  | 110.34   | 110.53   | 110.74   | 110.54     | 0.18    | ppb   |
| Strontium  | 88-1  | 114.00   | 115.35   | 113.17   | 114.17     | 0.96    | ppb   |
| Sulfur     | 34-1  | 9375.09  | 9739.22  | 8843.72  | 9319.34    | 4.83    | ppb   |
| Terbium    | 159-1 |          |          |          | 98         |         | %     |
| Terbium    | 159-2 |          |          |          | 92         |         | %     |
| Thallium   | 203-1 | 0.02     | 0.03     | 0.03     | 0.03       | 26.10   | ppb   |
| Thallium   | 205-1 | 0.04     | 0.03     | 0.03     | 0.03       | 12.43   | ppb   |
| Tin        | 118-1 | 0.34     | 0.41     | 0.39     | 0.38       | 10.29   | ppb   |
| Titanium   | 47-1  | 0.76     | 0.75     | 0.80     | 0.77       | 3.50    | ppb   |
| Uranium    | 238-1 | 0.00     | 0.01     | 0.00     | 0.00       | 48.88   | ppb   |
| Vanadium   | 51-2  | 0.23     | 0.22     | 0.28     | 0.24       | 13.52   | ppb   |
| Yttrium    | 89-1  |          |          |          | 98         |         | %     |
| Yttrium    | 89-2  |          |          |          | 87         |         | %     |
| Zinc       | 66-2  | 17.05    | 16.77    | 18.12    | 17.31      | 4.11    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-14            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECY5              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:24:24 | DataFile Name :   | 041SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.04    | 0.02    | 0.02    | 0.03       | 31.76   | ppb   |
| Zirconium | 91-1 | 0.04    | 0.04    | 0.04    | 0.04       | 3.11    | ppb   |

LB Number : LB100678 Operator : Jaswal  
 Lab Sample ID : K1275-15 Instrumnet Name : P8  
 Client Sample ID : MBECY6 Dilution Factor : 1  
 Date & Time Acquired :: 2019-02-05 14:27:51 DataFile Name : 042SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 172.47   | 172.90   | 177.59   | 174.32     | 1.63    | ppb   |
| Antimony   | 121-1 | 0.38     | 0.39     | 0.38     | 0.38       | 1.41    | ppb   |
| Arsenic    | 75-2  | 1.29     | 1.43     | 0.99     | 1.24       | 18.38   | ppb   |
| Barium     | 135-1 | 105.79   | 107.29   | 107.06   | 106.71     | 0.76    | ppb   |
| Barium     | 137-1 | 107.12   | 107.28   | 106.03   | 106.81     | 0.64    | ppb   |
| Beryllium  | 9-1   | 0.00     | 0.00     | -0.02    | -0.01      |         | ppb   |
| Bismuth    | 209-1 |          |          |          | 97         |         | %     |
| Bismuth    | 209-2 |          |          |          | 89         |         | %     |
| Boron      | 10-1  | 20.27    | 19.43    | 19.27    | 19.66      | 2.74    | ppb   |
| Boron      | 11-1  | 19.52    | 18.78    | 18.38    | 18.90      | 3.07    | ppb   |
| Cadmium    | 111-1 | -0.06    | -0.06    | 0.03     | -0.03      |         | ppb   |
| Cadmium    | 106-1 | -0.82    | -0.86    | -0.18    | -0.62      |         | ppb   |
| Cadmium    | 108-1 | 0.40     | 0.52     | 0.35     | 0.42       | 21.25   | ppb   |
| Calcium    | 43-1  | 34750.30 | 34436.69 | 34587.08 | 34591.36   | 0.45    | ppb   |
| Calcium    | 44-1  | 34448.69 | 34580.17 | 35018.03 | 34682.30   | 0.86    | ppb   |
| Chromium   | 52-2  | 0.87     | 0.76     | 0.64     | 0.76       | 15.02   | ppb   |
| Cobalt     | 59-2  | 0.11     | 0.08     | 0.07     | 0.08       | 25.69   | ppb   |
| Copper     | 63-2  | 3.14     | 3.07     | 3.03     | 3.08       | 1.72    | 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 |          |          |          | 99         |         | %     |
| Holmium    | 165-2 |          |          |          | 94         |         | %     |
| Indium     | 115-1 |          |          |          | 100        |         | %     |
| Indium     | 115-2 |          |          |          | 89         |         | %     |
| Iron       | 56-2  | 214.20   | 211.76   | 210.49   | 212.15     | 0.89    | ppb   |
| Iron       | 57-2  | 229.01   | 224.46   | 215.47   | 222.98     | 3.09    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.48     | 0.41     | 0.50     | 0.46       | 9.64    | ppb   |
| Lead       | 207-1 | 0.42     | 0.41     | 0.44     | 0.42       | 3.02    | ppb   |
| Lead       | 208-1 | 0.45     | 0.42     | 0.42     | 0.43       | 4.55    | ppb   |
| Lithium    | 6-1   |          |          |          | 106        |         | %     |
| Magnesium  | 24-2  | 99.81    | 100.96   | 100.68   | 100.49     | 0.60    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-15            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECY6              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:27:51 | DataFile Name :   | 042SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 4.15     | 4.39     | 4.22     | 4.25       | 2.96    | ppb   |
| Molybdenum | 94-1  | 53.23    | 53.27    | 52.69    | 53.06      | 0.61    | ppb   |
| Molybdenum | 95-1  | 74.18    | 73.70    | 73.24    | 73.71      | 0.63    | ppb   |
| Molybdenum | 96-1  | 71.40    | 71.81    | 70.65    | 71.29      | 0.83    | ppb   |
| Molybdenum | 97-1  | 73.51    | 72.98    | 73.52    | 73.33      | 0.42    | ppb   |
| Molybdenum | 98-1  | 73.87    | 72.94    | 74.17    | 73.66      | 0.87    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.61     | 0.45     | 0.55     | 0.54       | 14.86   | ppb   |
| Phosphorus | 31-2  | -20.64   | -12.68   | 12.02    | -7.10      |         | ppb   |
| Potassium  | 39-2  | 63045.77 | 60463.58 | 61306.61 | 61605.32   | 2.14    | ppb   |
| Rhodium    | 103-1 |          |          |          | 98         |         | %     |
| Rhodium    | 103-2 |          |          |          | 92         |         | %     |
| Scandium   | 45-1  |          |          |          | 97         |         | %     |
| Scandium   | 45-2  |          |          |          | 88         |         | %     |
| Selenium   | 77-2  | -0.62    | 1.50     | -0.62    | 0.09       | 1391.72 | ppb   |
| Selenium   | 78-2  | 1.62     | 0.97     | 0.63     | 1.07       | 47.06   | ppb   |
| Selenium   | 82-1  | 1.15     | 1.04     | 1.46     | 1.22       | 18.00   | ppb   |
| Silicon    | 28-1  | 4484.57  | 4416.09  | 4415.57  | 4438.74    | 0.89    | ppb   |
| Silver     | 109-1 | 0.28     | 0.27     | 0.29     | 0.28       | 3.45    | ppb   |
| Silver     | 107-1 | 0.25     | 0.26     | 0.26     | 0.26       | 2.07    | ppb   |
| Sodium     | 23-2  | 55597.41 | 55049.11 | 54747.05 | 55131.19   | 0.78    | ppb   |
| Strontium  | 86-1  | 735.18   | 724.60   | 730.09   | 729.96     | 0.72    | ppb   |
| Strontium  | 88-1  | 721.24   | 715.44   | 716.38   | 717.69     | 0.43    | ppb   |
| Sulfur     | 34-1  | 8405.04  | 7397.99  | 7571.91  | 7791.64    | 6.91    | ppb   |
| Terbium    | 159-1 |          |          |          | 100        |         | %     |
| Terbium    | 159-2 |          |          |          | 92         |         | %     |
| Thallium   | 203-1 | -0.02    | -0.01    | -0.02    | -0.01      |         | ppb   |
| Thallium   | 205-1 | 0.00     | -0.01    | -0.01    | -0.01      |         | ppb   |
| Tin        | 118-1 | 1.38     | 1.35     | 1.34     | 1.36       | 1.41    | ppb   |
| Titanium   | 47-1  | 1.83     | 1.05     | 1.06     | 1.31       | 34.19   | ppb   |
| Uranium    | 238-1 | 0.01     | 0.02     | 0.01     | 0.02       | 26.33   | ppb   |
| Vanadium   | 51-2  | 1.07     | 1.10     | 1.11     | 1.09       | 2.01    | ppb   |
| Yttrium    | 89-1  |          |          |          | 99         |         | %     |
| Yttrium    | 89-2  |          |          |          | 88         |         | %     |
| Zinc       | 66-2  | 5.46     | 4.99     | 5.09     | 5.18       | 4.86    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-15            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECY6              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:27:51 | DataFile Name :   | 042SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.05    | 0.05    | 0.06    | 0.05       | 8.44    | ppb   |
| Zirconium | 91-1 | 0.04    | 0.05    | 0.06    | 0.05       | 13.50   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-04A           | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX8A             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:31:18 | DataFile Name :   | 043SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 75.02    | 75.11    | 67.56    | 72.56      | 5.97    | ppb   |
| Antimony   | 121-1 | 0.19     | 0.19     | 0.20     | 0.19       | 3.85    | ppb   |
| Arsenic    | 75-2  | 0.47     | 0.45     | 0.16     | 0.36       | 48.39   | ppb   |
| Barium     | 135-1 | 66.16    | 65.67    | 64.79    | 65.54      | 1.06    | ppb   |
| Barium     | 137-1 | 65.67    | 66.31    | 65.98    | 65.99      | 0.49    | ppb   |
| Beryllium  | 9-1   | 0.11     | 0.11     | 0.11     | 0.11       | 0.82    | ppb   |
| Bismuth    | 209-1 |          |          |          | 99         |         | %     |
| Bismuth    | 209-2 |          |          |          | 90         |         | %     |
| Boron      | 10-1  | 8.83     | 9.21     | 8.22     | 8.75       | 5.68    | ppb   |
| Boron      | 11-1  | 9.18     | 8.59     | 8.44     | 8.74       | 4.47    | ppb   |
| Cadmium    | 111-1 | 0.06     | -0.02    | 0.02     | 0.02       | 194.36  | ppb   |
| Cadmium    | 106-1 | 0.00     | -1.12    | -0.81    | -0.64      |         | ppb   |
| Cadmium    | 108-1 | 0.09     | 0.14     | 0.04     | 0.09       | 56.27   | ppb   |
| Calcium    | 43-1  | 25204.39 | 25110.78 | 25490.21 | 25268.46   | 0.78    | ppb   |
| Calcium    | 44-1  | 25259.36 | 24945.28 | 25461.40 | 25222.01   | 1.03    | ppb   |
| Chromium   | 52-2  | 0.67     | 0.55     | 0.71     | 0.64       | 12.86   | ppb   |
| Cobalt     | 59-2  | 4.95     | 5.02     | 4.92     | 4.97       | 1.03    | ppb   |
| Copper     | 63-2  | 12.86    | 13.08    | 13.32    | 13.09      | 1.76    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 100        |         | %     |
| Holmium    | 165-2 |          |          |          | 93         |         | %     |
| Indium     | 115-1 |          |          |          | 99         |         | %     |
| Indium     | 115-2 |          |          |          | 87         |         | %     |
| Iron       | 56-2  | 210.06   | 211.43   | 213.68   | 211.72     | 0.86    | ppb   |
| Iron       | 57-2  | 200.66   | 240.57   | 221.72   | 220.99     | 9.03    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.62     | 0.56     | 0.64     | 0.61       | 6.61    | ppb   |
| Lead       | 207-1 | 0.53     | 0.43     | 0.55     | 0.50       | 13.54   | ppb   |
| Lead       | 208-1 | 0.56     | 0.52     | 0.55     | 0.54       | 3.23    | ppb   |
| Lithium    | 6-1   |          |          |          | 107        |         | %     |
| Magnesium  | 24-2  | 8475.47  | 8443.12  | 8483.22  | 8467.27    | 0.25    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-04A           | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX8A             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:31:18 | DataFile Name :   | 043SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 21.18    | 20.65    | 22.49    | 21.44      | 4.42    | ppb   |
| Molybdenum | 94-1  | 0.52     | 0.46     | 0.45     | 0.48       | 7.21    | ppb   |
| Molybdenum | 95-1  | 0.57     | 0.54     | 0.55     | 0.55       | 2.33    | ppb   |
| Molybdenum | 96-1  | 0.55     | 0.49     | 0.51     | 0.52       | 5.36    | ppb   |
| Molybdenum | 97-1  | 0.50     | 0.53     | 0.59     | 0.54       | 8.64    | ppb   |
| Molybdenum | 98-1  | 0.58     | 0.54     | 0.59     | 0.57       | 4.86    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 8.40     | 8.51     | 8.66     | 8.53       | 1.55    | ppb   |
| Phosphorus | 31-2  | -20.30   | -20.32   | -3.31    | -14.64     |         | ppb   |
| Potassium  | 39-2  | 2294.27  | 2295.77  | 2331.40  | 2307.15    | 0.91    | ppb   |
| Rhodium    | 103-1 |          |          |          | 98         |         | %     |
| Rhodium    | 103-2 |          |          |          | 92         |         | %     |
| Scandium   | 45-1  |          |          |          | 96         |         | %     |
| Scandium   | 45-2  |          |          |          | 85         |         | %     |
| Selenium   | 77-2  | 10.18    | 20.57    | 10.16    | 13.63      | 44.06   | ppb   |
| Selenium   | 78-2  | 12.10    | 12.21    | 5.84     | 10.05      | 36.29   | ppb   |
| Selenium   | 82-1  | 9.52     | 9.68     | 9.09     | 9.43       | 3.20    | ppb   |
| Silicon    | 28-1  | 4518.33  | 4483.39  | 4547.00  | 4516.24    | 0.71    | ppb   |
| Silver     | 109-1 | 0.29     | 0.26     | 0.27     | 0.27       | 5.55    | ppb   |
| Silver     | 107-1 | 0.28     | 0.27     | 0.27     | 0.27       | 3.17    | ppb   |
| Sodium     | 23-2  | 35719.43 | 35652.60 | 35459.43 | 35610.49   | 0.38    | ppb   |
| Strontium  | 86-1  | 165.68   | 165.89   | 165.23   | 165.60     | 0.20    | ppb   |
| Strontium  | 88-1  | 169.06   | 169.91   | 170.17   | 169.71     | 0.34    | ppb   |
| Sulfur     | 34-1  | 82.04    | -525.29  | -229.67  | -224.31    |         | ppb   |
| Terbium    | 159-1 |          |          |          | 101        |         | %     |
| Terbium    | 159-2 |          |          |          | 92         |         | %     |
| Thallium   | 203-1 | 0.03     | 0.03     | 0.03     | 0.03       | 12.34   | ppb   |
| Thallium   | 205-1 | 0.04     | 0.04     | 0.05     | 0.04       | 7.45    | ppb   |
| Tin        | 118-1 | 0.85     | 0.79     | 0.75     | 0.80       | 6.49    | ppb   |
| Titanium   | 47-1  | 0.76     | 0.71     | 1.21     | 0.89       | 30.66   | ppb   |
| Uranium    | 238-1 | 0.16     | 0.18     | 0.18     | 0.17       | 5.85    | ppb   |
| Vanadium   | 51-2  | 0.70     | 0.75     | 0.73     | 0.73       | 3.81    | ppb   |
| Yttrium    | 89-1  |          |          |          | 100        |         | %     |
| Yttrium    | 89-2  |          |          |          | 87         |         | %     |
| Zinc       | 66-2  | 32.57    | 33.12    | 33.47    | 33.05      | 1.38    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-04A           | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX8A             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:31:18 | DataFile Name :   | 043SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.05    | 0.06    | 0.07    | 0.06       | 19.08   | ppb   |
| Zirconium | 91-1 | 0.06    | 0.07    | 0.06    | 0.06       | 11.61   | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100678            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV072              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV072              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-02-05 14:39:17 | DataFile Name :   | 044CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 51606.33  | 52763.80  | 51838.92  | 52069.68   | 1.18    | ppb   |
| Antimony   | 121-1 | 501.33    | 508.45    | 511.39    | 507.06     | 1.02    | ppb   |
| Arsenic    | 75-2  | 512.37    | 513.91    | 512.65    | 512.98     | 0.16    | ppb   |
| Barium     | 135-1 | 2508.11   | 2548.51   | 2556.96   | 2537.86    | 1.03    | ppb   |
| Barium     | 137-1 | 2506.00   | 2506.75   | 2514.82   | 2509.19    | 0.19    | ppb   |
| Beryllium  | 9-1   | 516.31    | 519.11    | 514.29    | 516.57     | 0.47    | ppb   |
| Bismuth    | 209-1 |           |           |           | 98         |         | %     |
| Bismuth    | 209-2 |           |           |           | 90         |         | %     |
| Boron      | 10-1  | 493.89    | 498.57    | 504.92    | 499.13     | 1.11    | ppb   |
| Boron      | 11-1  | 471.30    | 492.77    | 492.43    | 485.50     | 2.53    | ppb   |
| Cadmium    | 111-1 | 478.74    | 480.06    | 486.35    | 481.72     | 0.85    | ppb   |
| Cadmium    | 106-1 | 482.86    | 489.09    | 491.83    | 487.93     | 0.94    | ppb   |
| Cadmium    | 108-1 | 490.76    | 491.07    | 495.71    | 492.52     | 0.56    | ppb   |
| Calcium    | 43-1  | 245006.82 | 243293.90 | 247768.26 | 245356.33  | 0.92    | ppb   |
| Calcium    | 44-1  | 244132.42 | 242806.39 | 247524.69 | 244821.17  | 0.99    | ppb   |
| Chromium   | 52-2  | 518.08    | 523.10    | 512.74    | 517.98     | 1.00    | ppb   |
| Cobalt     | 59-2  | 532.72    | 531.41    | 530.58    | 531.57     | 0.20    | ppb   |
| Copper     | 63-2  | 1041.96   | 1047.27   | 1035.64   | 1041.62    | 0.56    | 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 |           |           |           | 98         |         | %     |
| Indium     | 115-1 |           |           |           | 99         |         | %     |
| Indium     | 115-2 |           |           |           | 89         |         | %     |
| Iron       | 56-2  | 129898.06 | 130412.17 | 128831.70 | 129713.98  | 0.62    | ppb   |
| Iron       | 57-2  | 132686.91 | 134944.50 | 131194.86 | 132942.09  | 1.42    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 509.93    | 517.79    | 520.81    | 516.18     | 1.09    | ppb   |
| Lead       | 207-1 | 507.28    | 515.93    | 513.92    | 512.38     | 0.88    | ppb   |
| Lead       | 208-1 | 506.73    | 516.65    | 519.46    | 514.28     | 1.30    | ppb   |
| Lithium    | 6-1   |           |           |           | 95         |         | %     |
| Magnesium  | 24-2  | 249780.92 | 257266.68 | 251659.08 | 252902.23  | 1.54    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100678            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV072              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV072              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-02-05 14:39:17 | DataFile Name :   | 044CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 1014.25   | 1029.44   | 1017.11   | 1020.27    | 0.79    | ppb   |
| Molybdenum | 94-1  | 2518.43   | 2497.04   | 2507.87   | 2507.78    | 0.43    | ppb   |
| Molybdenum | 95-1  | 2524.70   | 2503.18   | 2503.41   | 2510.43    | 0.49    | ppb   |
| Molybdenum | 96-1  | 2523.22   | 2503.16   | 2502.26   | 2509.55    | 0.47    | ppb   |
| Molybdenum | 97-1  | 2497.48   | 2505.62   | 2480.69   | 2494.59    | 0.51    | ppb   |
| Molybdenum | 98-1  | 2522.26   | 2515.10   | 2476.49   | 2504.62    | 0.98    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 515.82    | 523.07    | 510.19    | 516.36     | 1.25    | ppb   |
| Phosphorus | 31-2  | 10683.03  | 10847.88  | 10198.06  | 10576.32   | 3.19    | ppb   |
| Potassium  | 39-2  | 124451.89 | 126655.76 | 124565.75 | 125224.47  | 0.99    | ppb   |
| Rhodium    | 103-1 |           |           |           | 96         |         | %     |
| Rhodium    | 103-2 |           |           |           | 92         |         | %     |
| Scandium   | 45-1  |           |           |           | 98         |         | %     |
| Scandium   | 45-2  |           |           |           | 94         |         | %     |
| Selenium   | 77-2  | 504.82    | 587.26    | 535.75    | 542.61     | 7.67    | ppb   |
| Selenium   | 78-2  | 494.60    | 498.22    | 523.43    | 505.42     | 3.11    | ppb   |
| Selenium   | 82-1  | 493.06    | 490.47    | 489.02    | 490.85     | 0.42    | ppb   |
| Silicon    | 28-1  | 517.93    | 513.28    | 525.63    | 518.95     | 1.20    | ppb   |
| Silver     | 109-1 | 490.89    | 487.46    | 495.69    | 491.35     | 0.84    | ppb   |
| Silver     | 107-1 | 480.31    | 488.58    | 491.25    | 486.71     | 1.17    | ppb   |
| Sodium     | 23-2  | 256182.75 | 257331.78 | 253108.91 | 255541.15  | 0.85    | ppb   |
| Strontium  | 86-1  | 506.85    | 499.80    | 502.72    | 503.12     | 0.70    | ppb   |
| Strontium  | 88-1  | 505.04    | 501.75    | 496.88    | 501.23     | 0.82    | ppb   |
| Sulfur     | 34-1  | 11871.24  | 11380.47  | 11485.62  | 11579.11   | 2.23    | ppb   |
| Terbium    | 159-1 |           |           |           | 104        |         | %     |
| Terbium    | 159-2 |           |           |           | 97         |         | %     |
| Thallium   | 203-1 | 506.33    | 522.78    | 520.80    | 516.64     | 1.74    | ppb   |
| Thallium   | 205-1 | 505.56    | 517.45    | 520.11    | 514.37     | 1.51    | ppb   |
| Tin        | 118-1 | 502.04    | 513.61    | 508.73    | 508.13     | 1.14    | ppb   |
| Titanium   | 47-1  | 2547.56   | 2564.95   | 2558.77   | 2557.09    | 0.34    | ppb   |
| Uranium    | 238-1 | 506.48    | 505.98    | 509.78    | 507.41     | 0.41    | ppb   |
| Vanadium   | 51-2  | 521.65    | 528.76    | 515.93    | 522.11     | 1.23    | ppb   |
| Yttrium    | 89-1  |           |           |           | 102        |         | %     |
| Yttrium    | 89-2  |           |           |           | 93         |         | %     |
| Zinc       | 66-2  | 1012.71   | 1034.70   | 1021.92   | 1023.11    | 1.08    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100678            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV072              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV072              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-02-05 14:39:17 | DataFile Name :   | 044CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 509.27  | 506.17  | 498.28  | 504.57     | 1.12    | ppb   |
| Zirconium | 91-1 | 509.00  | 509.47  | 511.92  | 510.13     | 0.31    | ppb   |

LB Number : LB100678 Operator : Jaswal  
 Lab Sample ID : CCB072 Instrumnet Name : P8  
 Client Sample ID : CCB072 Dilution Factor : 1  
 Date & Time Acquired :: 2019-02-05 14:43:43 DataFile Name : 045CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.81    | 0.15    | 0.48    | 0.82       | 107.61  | ppb   |
| Antimony   | 121-1 | 0.15    | 0.16    | 0.14    | 0.15       | 7.20    | ppb   |
| Arsenic    | 75-2  | 0.09    | 0.01    | -0.01   | 0.03       | 170.79  | ppb   |
| Barium     | 135-1 | -0.02   | -0.02   | 0.00    | -0.01      |         | ppb   |
| Barium     | 137-1 | 0.01    | 0.01    | 0.02    | 0.02       | 6.67    | ppb   |
| Beryllium  | 9-1   | 0.03    | -0.01   | 0.00    | 0.01       | 230.38  | ppb   |
| Bismuth    | 209-1 |         |         |         | 102        |         | %     |
| Bismuth    | 209-2 |         |         |         | 95         |         | %     |
| Boron      | 10-1  | 7.49    | 7.65    | 7.41    | 7.51       | 1.61    | ppb   |
| Boron      | 11-1  | 6.97    | 6.55    | 6.45    | 6.66       | 4.16    | ppb   |
| Cadmium    | 111-1 | 0.01    | -0.01   | -0.01   | 0.00       |         | ppb   |
| Cadmium    | 106-1 | 0.18    | -0.07   | -0.14   | -0.01      |         | ppb   |
| Cadmium    | 108-1 | -0.01   | -0.11   | -0.11   | -0.08      |         | ppb   |
| Calcium    | 43-1  | -14.28  | -13.16  | -14.77  | -14.07     |         | ppb   |
| Calcium    | 44-1  | 21.52   | 20.00   | 19.42   | 20.31      | 5.35    | ppb   |
| Chromium   | 52-2  | 0.15    | 0.12    | 0.10    | 0.12       | 17.61   | ppb   |
| Cobalt     | 59-2  | -0.05   | -0.04   | -0.03   | -0.04      |         | ppb   |
| Copper     | 63-2  | 0.40    | 0.44    | 0.38    | 0.41       | 6.86    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 101        |         | %     |
| Holmium    | 165-2 |         |         |         | 98         |         | %     |
| Indium     | 115-1 |         |         |         | 101        |         | %     |
| Indium     | 115-2 |         |         |         | 92         |         | %     |
| Iron       | 56-2  | 1.24    | 0.95    | 1.12    | 1.11       | 12.99   | ppb   |
| Iron       | 57-2  | -0.43   | 2.39    | 0.47    | 0.81       | 177.71  | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.15    | 0.14    | 0.16    | 0.15       | 8.36    | ppb   |
| Lead       | 207-1 | 0.13    | 0.15    | 0.13    | 0.14       | 9.85    | ppb   |
| Lead       | 208-1 | 0.14    | 0.14    | 0.14    | 0.14       | 2.20    | ppb   |
| Lithium    | 6-1   |         |         |         | 98         |         | %     |
| Magnesium  | 24-2  | 0.57    | -0.01   | 1.87    | 0.81       | 118.35  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB072              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB072              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:43:43 | DataFile Name :   | 045CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.03    | 0.02    | 0.01    | 0.02       | 60.42   | ppb   |
| Molybdenum | 94-1  | 0.11    | 0.16    | 0.12    | 0.13       | 19.14   | ppb   |
| Molybdenum | 95-1  | 0.12    | 0.10    | 0.10    | 0.10       | 11.74   | ppb   |
| Molybdenum | 96-1  | 0.12    | 0.10    | 0.09    | 0.10       | 12.94   | ppb   |
| Molybdenum | 97-1  | 0.10    | 0.09    | 0.10    | 0.10       | 7.19    | ppb   |
| Molybdenum | 98-1  | 0.12    | 0.12    | 0.08    | 0.11       | 18.89   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.00    | 0.01    | 0.01    | 0.01       | 67.12   | ppb   |
| Phosphorus | 31-2  | 3.31    | -29.10  | -21.13  | -15.64     |         | ppb   |
| Potassium  | 39-2  | 49.70   | 55.64   | 53.94   | 53.10      | 5.76    | ppb   |
| Rhodium    | 103-1 |         |         |         | 101        |         | %     |
| Rhodium    | 103-2 |         |         |         | 98         |         | %     |
| Scandium   | 45-1  |         |         |         | 99         |         | %     |
| Scandium   | 45-2  |         |         |         | 89         |         | %     |
| Selenium   | 77-2  | -0.62   | -0.62   | -0.62   | -0.62      |         | ppb   |
| Selenium   | 78-2  | 0.57    | 0.58    | -0.07   | 0.36       | 104.44  | ppb   |
| Selenium   | 82-1  | 0.43    | 0.05    | -0.06   | 0.14       | 185.98  | ppb   |
| Silicon    | 28-1  | -7.83   | -8.43   | -7.97   | -8.08      |         | ppb   |
| Silver     | 109-1 | 0.06    | 0.05    | 0.06    | 0.06       | 11.67   | ppb   |
| Silver     | 107-1 | 0.05    | 0.06    | 0.05    | 0.05       | 5.50    | ppb   |
| Sodium     | 23-2  | 62.62   | 64.19   | 60.16   | 62.32      | 3.26    | ppb   |
| Strontium  | 86-1  | 0.03    | 0.05    | -0.05   | 0.01       | 430.01  | ppb   |
| Strontium  | 88-1  | 0.01    | 0.00    | 0.00    | 0.00       | 52.21   | ppb   |
| Sulfur     | 34-1  | 1362.42 | 1220.72 | 1340.42 | 1307.85    | 5.83    | ppb   |
| Terbium    | 159-1 |         |         |         | 101        |         | %     |
| Terbium    | 159-2 |         |         |         | 98         |         | %     |
| Thallium   | 203-1 | 0.04    | 0.04    | 0.07    | 0.05       | 28.85   | ppb   |
| Thallium   | 205-1 | 0.05    | 0.06    | 0.06    | 0.05       | 12.39   | ppb   |
| Tin        | 118-1 | -0.03   | 0.00    | -0.01   | -0.01      |         | ppb   |
| Titanium   | 47-1  | 0.01    | -0.06   | 0.03    | -0.01      |         | ppb   |
| Uranium    | 238-1 | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Vanadium   | 51-2  | -0.02   | 0.01    | -0.01   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         | 101        |         | %     |
| Yttrium    | 89-2  |         |         |         | 92         |         | %     |
| Zinc       | 66-2  | 0.15    | 0.11    | 0.23    | 0.16       | 37.50   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB072              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB072              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:43:43 | DataFile Name :   | 045CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.02    | 0.01    | 0.02    | 0.01       | 35.98   | ppb   |
| Zirconium | 91-1 | 0.03    | 0.02    | 0.03    | 0.03       | 14.86   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-16            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECY8              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:47:13 | DataFile Name :   | 046SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 55403.07 | 55409.60 | 56543.57 | 55785.41   | 1.18    | ppb   |
| Antimony   | 121-1 | 0.40     | 0.41     | 0.40     | 0.40       | 0.92    | ppb   |
| Arsenic    | 75-2  | 29.92    | 30.64    | 30.88    | 30.48      | 1.64    | ppb   |
| Barium     | 135-1 | 701.78   | 697.94   | 692.31   | 697.34     | 0.68    | ppb   |
| Barium     | 137-1 | 710.00   | 708.39   | 699.59   | 705.99     | 0.79    | ppb   |
| Beryllium  | 9-1   | 16.11    | 16.14    | 15.79    | 16.01      | 1.22    | ppb   |
| Bismuth    | 209-1 |          |          |          | 97         |         | %     |
| Bismuth    | 209-2 |          |          |          | 89         |         | %     |
| Boron      | 10-1  | 130.53   | 135.69   | 135.52   | 133.91     | 2.19    | ppb   |
| Boron      | 11-1  | 129.28   | 132.50   | 130.55   | 130.78     | 1.24    | ppb   |
| Cadmium    | 111-1 | 0.72     | 0.65     | 0.71     | 0.69       | 5.10    | ppb   |
| Cadmium    | 106-1 | 1.85     | 1.49     | 2.15     | 1.83       | 17.87   | ppb   |
| Cadmium    | 108-1 | 0.81     | 1.11     | 1.08     | 1.00       | 16.62   | ppb   |
| Calcium    | 43-1  | 46202.88 | 46708.82 | 46238.82 | 46383.51   | 0.61    | ppb   |
| Calcium    | 44-1  | 45280.17 | 45448.74 | 45228.60 | 45319.17   | 0.25    | ppb   |
| Chromium   | 52-2  | 44.90    | 45.25    | 45.65    | 45.27      | 0.83    | ppb   |
| Cobalt     | 59-2  | 17.40    | 17.17    | 17.52    | 17.36      | 1.01    | ppb   |
| Copper     | 63-2  | 56.16    | 56.34    | 57.74    | 56.75      | 1.52    | 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 |          |          |          | 95         |         | %     |
| Indium     | 115-1 |          |          |          | 98         |         | %     |
| Indium     | 115-2 |          |          |          | 89         |         | %     |
| Iron       | 56-2  | 51918.58 | 52126.39 | 53049.88 | 52364.95   | 1.15    | ppb   |
| Iron       | 57-2  | 52716.68 | 52492.92 | 53488.14 | 52899.25   | 0.99    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 142.21   | 142.34   | 143.01   | 142.52     | 0.30    | ppb   |
| Lead       | 207-1 | 123.00   | 124.24   | 123.78   | 123.67     | 0.50    | ppb   |
| Lead       | 208-1 | 131.94   | 132.70   | 133.12   | 132.59     | 0.45    | ppb   |
| Lithium    | 6-1   |          |          |          | 102        |         | %     |
| Magnesium  | 24-2  | 11094.41 | 10996.88 | 11174.54 | 11088.61   | 0.80    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-16            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECY8              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:47:13 | DataFile Name :   | 046SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 1279.18   | 1280.15   | 1297.70   | 1285.68    | 0.81    | ppb   |
| Molybdenum | 94-1  | 11.17     | 11.50     | 11.43     | 11.37      | 1.50    | ppb   |
| Molybdenum | 95-1  | 12.16     | 12.63     | 12.41     | 12.40      | 1.90    | ppb   |
| Molybdenum | 96-1  | 12.28     | 12.21     | 12.44     | 12.31      | 0.94    | ppb   |
| Molybdenum | 97-1  | 12.33     | 12.40     | 12.36     | 12.37      | 0.26    | ppb   |
| Molybdenum | 98-1  | 12.21     | 12.21     | 12.34     | 12.25      | 0.64    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 38.30     | 37.49     | 39.09     | 38.30      | 2.09    | ppb   |
| Phosphorus | 31-2  | 347.95    | 310.10    | 346.99    | 335.01     | 6.44    | ppb   |
| Potassium  | 39-2  | 24003.87  | 23732.47  | 23924.01  | 23886.78   | 0.58    | ppb   |
| Rhodium    | 103-1 |           |           |           | 94         |         | %     |
| Rhodium    | 103-2 |           |           |           | 92         |         | %     |
| Scandium   | 45-1  |           |           |           | 107        |         | %     |
| Scandium   | 45-2  |           |           |           | 97         |         | %     |
| Selenium   | 77-2  | 108.84    | 101.26    | 91.77     | 100.62     | 8.50    | ppb   |
| Selenium   | 78-2  | 20.22     | 15.98     | 15.01     | 17.07      | 16.23   | ppb   |
| Selenium   | 82-1  | 1.92      | 1.76      | 1.86      | 1.85       | 4.49    | ppb   |
| Silicon    | 28-1  | 84864.51  | 86220.18  | 86076.93  | 85720.54   | 0.87    | ppb   |
| Silver     | 109-1 | 0.70      | 0.70      | 0.72      | 0.71       | 1.51    | ppb   |
| Silver     | 107-1 | 0.74      | 0.76      | 0.73      | 0.74       | 2.18    | ppb   |
| Sodium     | 23-2  | 168645.56 | 167286.39 | 171120.18 | 169017.38  | 1.15    | ppb   |
| Strontium  | 86-1  | 1366.63   | 1353.54   | 1375.41   | 1365.19    | 0.81    | ppb   |
| Strontium  | 88-1  | 1364.81   | 1362.83   | 1363.33   | 1363.66    | 0.08    | ppb   |
| Sulfur     | 34-1  | 1217.59   | 967.85    | 301.18    | 828.87     | 57.16   | ppb   |
| Terbium    | 159-1 |           |           |           | 100        |         | %     |
| Terbium    | 159-2 |           |           |           | 95         |         | %     |
| Thallium   | 203-1 | 0.42      | 0.37      | 0.39      | 0.39       | 6.40    | ppb   |
| Thallium   | 205-1 | 0.42      | 0.41      | 0.42      | 0.42       | 1.45    | ppb   |
| Tin        | 118-1 | 2.72      | 2.68      | 2.69      | 2.70       | 0.72    | ppb   |
| Titanium   | 47-1  | 24.03     | 27.84     | 24.71     | 25.53      | 7.95    | ppb   |
| Uranium    | 238-1 | 25.70     | 26.39     | 26.73     | 26.27      | 2.00    | ppb   |
| Vanadium   | 51-2  | 45.08     | 44.83     | 46.06     | 45.32      | 1.43    | ppb   |
| Yttrium    | 89-1  |           |           |           | 119        |         | %     |
| Yttrium    | 89-2  |           |           |           | 108        |         | %     |
| Zinc       | 66-2  | 238.89    | 241.83    | 246.66    | 242.46     | 1.62    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-16            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECY8              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:47:13 | DataFile Name :   | 046SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 1.60    | 1.83    | 1.73    | 1.72       | 6.62    | ppb   |
| Zirconium | 91-1 | 1.95    | 1.79    | 1.78    | 1.84       | 5.35    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100678            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV073              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV073              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-02-05 14:54:29 | DataFile Name :   | 047CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 53445.31  | 52086.96  | 51125.92  | 52219.40   | 2.23    | ppb   |
| Antimony   | 121-1 | 488.52    | 514.18    | 515.95    | 506.22     | 3.03    | ppb   |
| Arsenic    | 75-2  | 517.99    | 507.27    | 511.96    | 512.41     | 1.05    | ppb   |
| Barium     | 135-1 | 2452.55   | 2550.95   | 2640.44   | 2547.98    | 3.69    | ppb   |
| Barium     | 137-1 | 2423.28   | 2511.68   | 2614.95   | 2516.64    | 3.81    | ppb   |
| Beryllium  | 9-1   | 503.08    | 511.20    | 547.70    | 520.66     | 4.57    | ppb   |
| Bismuth    | 209-1 |           |           |           | 92         |         | %     |
| Bismuth    | 209-2 |           |           |           | 87         |         | %     |
| Boron      | 10-1  | 488.31    | 495.06    | 528.38    | 503.92     | 4.26    | ppb   |
| Boron      | 11-1  | 469.54    | 479.98    | 517.14    | 488.89     | 5.12    | ppb   |
| Cadmium    | 111-1 | 467.81    | 494.04    | 506.18    | 489.34     | 4.01    | ppb   |
| Cadmium    | 106-1 | 481.02    | 512.72    | 523.09    | 505.61     | 4.33    | ppb   |
| Cadmium    | 108-1 | 477.65    | 500.74    | 514.16    | 497.52     | 3.71    | ppb   |
| Calcium    | 43-1  | 240497.32 | 243812.78 | 248734.32 | 244348.14  | 1.70    | ppb   |
| Calcium    | 44-1  | 239241.34 | 245054.88 | 248850.04 | 244382.09  | 1.98    | ppb   |
| Chromium   | 52-2  | 520.13    | 504.14    | 498.26    | 507.51     | 2.23    | ppb   |
| Cobalt     | 59-2  | 531.02    | 519.04    | 512.73    | 520.93     | 1.78    | ppb   |
| Copper     | 63-2  | 1040.63   | 1000.07   | 989.67    | 1010.12    | 2.67    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 99         |         | %     |
| Holmium    | 165-2 |           |           |           | 97         |         | %     |
| Indium     | 115-1 |           |           |           | 95         |         | %     |
| Indium     | 115-2 |           |           |           | 89         |         | %     |
| Iron       | 56-2  | 131000.01 | 127399.52 | 125006.97 | 127802.17  | 2.36    | ppb   |
| Iron       | 57-2  | 133302.43 | 130109.96 | 127163.57 | 130191.99  | 2.36    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 503.84    | 519.69    | 529.70    | 517.74     | 2.52    | ppb   |
| Lead       | 207-1 | 499.38    | 514.25    | 520.48    | 511.37     | 2.12    | ppb   |
| Lead       | 208-1 | 498.11    | 514.68    | 524.70    | 512.50     | 2.62    | ppb   |
| Lithium    | 6-1   |           |           |           | 96         |         | %     |
| Magnesium  | 24-2  | 259451.53 | 251557.31 | 247840.78 | 252949.88  | 2.34    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100678            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV073              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV073              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-02-05 14:54:29 | DataFile Name :   | 047CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 1030.01   | 1004.15   | 986.38    | 1006.84    | 2.18    | ppb   |
| Molybdenum | 94-1  | 2430.24   | 2499.65   | 2565.60   | 2498.50    | 2.71    | ppb   |
| Molybdenum | 95-1  | 2442.27   | 2486.46   | 2556.35   | 2495.03    | 2.31    | ppb   |
| Molybdenum | 96-1  | 2454.34   | 2512.52   | 2567.85   | 2511.57    | 2.26    | ppb   |
| Molybdenum | 97-1  | 2437.44   | 2503.21   | 2565.77   | 2502.14    | 2.56    | ppb   |
| Molybdenum | 98-1  | 2442.77   | 2531.80   | 2560.87   | 2511.81    | 2.45    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 514.65    | 501.21    | 491.80    | 502.55     | 2.29    | ppb   |
| Phosphorus | 31-2  | 10588.88  | 10694.99  | 10230.71  | 10504.86   | 2.32    | ppb   |
| Potassium  | 39-2  | 127858.00 | 123834.96 | 122194.18 | 124629.05  | 2.34    | ppb   |
| Rhodium    | 103-1 |           |           |           | 95         |         | %     |
| Rhodium    | 103-2 |           |           |           | 91         |         | %     |
| Scandium   | 45-1  |           |           |           | 100        |         | %     |
| Scandium   | 45-2  |           |           |           | 97         |         | %     |
| Selenium   | 77-2  | 542.25    | 543.88    | 453.23    | 513.12     | 10.11   | ppb   |
| Selenium   | 78-2  | 510.35    | 500.03    | 507.56    | 505.98     | 1.05    | ppb   |
| Selenium   | 82-1  | 478.62    | 496.21    | 505.47    | 493.43     | 2.76    | ppb   |
| Silicon    | 28-1  | 508.47    | 512.35    | 522.68    | 514.50     | 1.43    | ppb   |
| Silver     | 109-1 | 480.80    | 500.33    | 522.33    | 501.15     | 4.15    | ppb   |
| Silver     | 107-1 | 473.74    | 502.06    | 513.91    | 496.57     | 4.16    | ppb   |
| Sodium     | 23-2  | 262046.33 | 252775.41 | 249734.32 | 254852.02  | 2.52    | ppb   |
| Strontium  | 86-1  | 493.27    | 508.22    | 517.47    | 506.32     | 2.41    | ppb   |
| Strontium  | 88-1  | 489.91    | 498.84    | 507.65    | 498.80     | 1.78    | ppb   |
| Sulfur     | 34-1  | 11107.70  | 11816.31  | 11217.26  | 11380.43   | 3.35    | ppb   |
| Terbium    | 159-1 |           |           |           | 100        |         | %     |
| Terbium    | 159-2 |           |           |           | 96         |         | %     |
| Thallium   | 203-1 | 507.33    | 509.15    | 533.46    | 516.64     | 2.82    | ppb   |
| Thallium   | 205-1 | 499.06    | 509.12    | 532.15    | 513.44     | 3.30    | ppb   |
| Tin        | 118-1 | 488.68    | 516.67    | 530.11    | 511.82     | 4.13    | ppb   |
| Titanium   | 47-1  | 2484.18   | 2538.49   | 2550.02   | 2524.23    | 1.39    | ppb   |
| Uranium    | 238-1 | 489.54    | 508.05    | 506.92    | 501.50     | 2.07    | ppb   |
| Vanadium   | 51-2  | 528.61    | 512.59    | 502.51    | 514.57     | 2.56    | ppb   |
| Yttrium    | 89-1  |           |           |           | 100        |         | %     |
| Yttrium    | 89-2  |           |           |           | 94         |         | %     |
| Zinc       | 66-2  | 1022.68   | 1003.04   | 990.98    | 1005.56    | 1.59    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100678            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV073              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV073              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-02-05 14:54:29 | DataFile Name :   | 047CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 488.31  | 505.22  | 511.48  | 501.67     | 2.39    | ppb   |
| Zirconium | 91-1 | 493.66  | 511.44  | 522.46  | 509.18     | 2.85    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB073              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB073              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 15:00:03 | DataFile Name :   | 048CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.21   | -0.22   | 0.31    | -0.04      |         | ppb   |
| Antimony   | 121-1 | 0.21    | 0.25    | 0.23    | 0.23       | 8.40    | ppb   |
| Arsenic    | 75-2  | 0.03    | -0.01   | 0.02    | 0.01       | 158.91  | ppb   |
| Barium     | 135-1 | 0.00    | 0.00    | -0.03   | -0.01      |         | ppb   |
| Barium     | 137-1 | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.00    | 0.01    | 0.01       | 75.36   | ppb   |
| Bismuth    | 209-1 |         |         |         | 99         |         | %     |
| Bismuth    | 209-2 |         |         |         | 94         |         | %     |
| Boron      | 10-1  | 6.21    | 6.66    | 6.66    | 6.51       | 3.96    | ppb   |
| Boron      | 11-1  | 6.56    | 6.59    | 6.60    | 6.58       | 0.33    | ppb   |
| Cadmium    | 111-1 | 0.01    | 0.02    | 0.01    | 0.02       | 52.31   | ppb   |
| Cadmium    | 106-1 | 0.20    | 0.42    | 0.19    | 0.27       | 48.03   | ppb   |
| Cadmium    | 108-1 | -0.03   | -0.03   | -0.01   | -0.03      |         | ppb   |
| Calcium    | 43-1  | -12.35  | -14.51  | -13.39  | -13.42     |         | ppb   |
| Calcium    | 44-1  | 17.74   | 19.55   | 17.72   | 18.34      | 5.74    | ppb   |
| Chromium   | 52-2  | 0.09    | 0.14    | 0.25    | 0.16       | 51.42   | ppb   |
| Cobalt     | 59-2  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Copper     | 63-2  | 0.10    | 0.09    | 0.08    | 0.09       | 11.19   | 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 |         |         |         | 99         |         | %     |
| Holmium    | 165-2 |         |         |         | 98         |         | %     |
| Indium     | 115-1 |         |         |         | 102        |         | %     |
| Indium     | 115-2 |         |         |         | 94         |         | %     |
| Iron       | 56-2  | 0.77    | 0.48    | 0.55    | 0.60       | 25.74   | ppb   |
| Iron       | 57-2  | 2.11    | -0.58   | -0.80   | 0.24       | 663.65  | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.17    | 0.16    | 0.17    | 0.17       | 3.73    | ppb   |
| Lead       | 207-1 | 0.15    | 0.18    | 0.13    | 0.15       | 17.33   | ppb   |
| Lead       | 208-1 | 0.17    | 0.16    | 0.16    | 0.16       | 3.45    | ppb   |
| Lithium    | 6-1   |         |         |         | 101        |         | %     |
| Magnesium  | 24-2  | 2.02    | 1.14    | 1.14    | 1.43       | 35.60   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB073              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB073              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 15:00:03 | DataFile Name :   | 048CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.01    | -0.03   | 0.08    | 0.02       | 257.88  | ppb   |
| Molybdenum | 94-1  | 0.09    | 0.06    | 0.06    | 0.07       | 23.33   | ppb   |
| Molybdenum | 95-1  | 0.06    | 0.05    | 0.10    | 0.07       | 38.31   | ppb   |
| Molybdenum | 96-1  | 0.09    | 0.09    | 0.09    | 0.09       | 0.27    | ppb   |
| Molybdenum | 97-1  | 0.11    | 0.09    | 0.10    | 0.10       | 8.34    | ppb   |
| Molybdenum | 98-1  | 0.06    | 0.06    | 0.07    | 0.06       | 12.01   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.01   | 0.00    | 0.01    | 0.00       | 464.40  | ppb   |
| Phosphorus | 31-2  | 1.49    | -29.52  | -37.24  | -21.75     |         | ppb   |
| Potassium  | 39-2  | 48.59   | 46.22   | 49.77   | 48.19      | 3.75    | ppb   |
| Rhodium    | 103-1 |         |         |         | 101        |         | %     |
| Rhodium    | 103-2 |         |         |         | 99         |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 94         |         | %     |
| Selenium   | 77-2  | -0.62   | -0.62   | 1.36    | 0.04       | 2919.87 | ppb   |
| Selenium   | 78-2  | 0.55    | 1.51    | 0.56    | 0.87       | 63.09   | ppb   |
| Selenium   | 82-1  | 0.32    | 0.01    | 0.42    | 0.25       | 85.05   | ppb   |
| Silicon    | 28-1  | -8.71   | -7.22   | -8.60   | -8.17      |         | ppb   |
| Silver     | 109-1 | 0.04    | 0.05    | 0.03    | 0.04       | 21.26   | ppb   |
| Silver     | 107-1 | 0.04    | 0.06    | 0.05    | 0.05       | 22.30   | ppb   |
| Sodium     | 23-2  | 70.17   | 66.18   | 69.18   | 68.51      | 3.03    | ppb   |
| Strontium  | 86-1  | 0.03    | 0.02    | 0.00    | 0.02       | 91.18   | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | 61.28   | ppb   |
| Sulfur     | 34-1  | 990.77  | 1155.39 | 1118.07 | 1088.08    | 7.93    | ppb   |
| Terbium    | 159-1 |         |         |         | 100        |         | %     |
| Terbium    | 159-2 |         |         |         | 98         |         | %     |
| Thallium   | 203-1 | 0.04    | 0.05    | 0.05    | 0.05       | 9.85    | ppb   |
| Thallium   | 205-1 | 0.04    | 0.06    | 0.05    | 0.05       | 14.96   | ppb   |
| Tin        | 118-1 | -0.01   | -0.01   | 0.01    | -0.01      |         | ppb   |
| Titanium   | 47-1  | -0.02   | -0.06   | -0.03   | -0.04      |         | ppb   |
| Uranium    | 238-1 | -0.02   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Vanadium   | 51-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Yttrium    | 89-1  |         |         |         | 101        |         | %     |
| Yttrium    | 89-2  |         |         |         | 94         |         | %     |
| Zinc       | 66-2  | 0.10    | 0.07    | 0.10    | 0.09       | 16.57   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB073              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB073              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 15:00:03 | DataFile Name :   | 048CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.02    | 0.01    | 0.02    | 0.02       | 28.76   | ppb   |
| Zirconium | 91-1 | 0.01    | 0.01    | 0.00    | 0.01       | 79.11   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 11:56:32 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 45      | 63      | 63      | 57      | 17.83  | cps   |
| Antimony   | 121-1 | 67      | 150     | 125     | 114     | 37.55  | cps   |
| Arsenic    | 75-2  | 6       | 13      | 11      | 10      | 38.99  | cps   |
| Barium     | 135-1 | 75      | 58      | 92      | 75      | 22.22  | cps   |
| Barium     | 137-1 | 83      | 117     | 150     | 117     | 28.57  | cps   |
| Beryllium  | 9-1   | 93      | 110     | 77      | 93      | 17.85  | cps   |
| Bismuth    | 209-1 | 3908789 | 3959727 | 3898244 | 3922253 | 0.84   | cps   |
| Bismuth    | 209-2 | 1696789 | 1703759 | 1673460 | 1691336 | 0.94   | cps   |
| Boron      | 10-1  | 133     | 100     | 92      | 108     | 20.35  | cps   |
| Boron      | 11-1  | 350     | 458     | 400     | 403     | 13.46  | cps   |
| Cadmium    | 111-1 | 1193    | 1479    | 1596    | 1423    | 14.57  | cps   |
| Cadmium    | 106-1 | 1684    | 2100    | 2267    | 2017    | 14.90  | cps   |
| Cadmium    | 108-1 | 21      | 17      | 17      | 18      | 13.30  | cps   |
| Calcium    | 43-1  | 1303    | 1333    | 1303    | 1313    | 1.32   | cps   |
| Calcium    | 44-1  | 35224   | 36140   | 35729   | 35698   | 1.28   | cps   |
| Chromium   | 52-2  | 1433    | 1403    | 1190    | 1342    | 9.89   | cps   |
| Cobalt     | 59-2  | 190     | 177     | 227     | 198     | 13.09  | cps   |
| Copper     | 63-2  | 1243    | 1353    | 1323    | 1307    | 4.35   | cps   |
| Dysprosium | 156-1 | 17      | 25      | 8       | 17      | 50.01  | cps   |
| Dysprosium | 156-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 42      | 17      | 25      | 28      | 45.82  | cps   |
| Erbium     | 164-2 | 7       | 0       | 13      | 7       | 99.98  | cps   |
| Gadolinium | 160-1 | 75      | 42      | 92      | 69      | 36.66  | cps   |
| Gadolinium | 160-2 | 7       | 7       | 7       | 7       | 0.00   | cps   |
| Holmium    | 165-1 | 6379718 | 6552355 | 6441386 | 6457820 | 1.35   | cps   |
| Holmium    | 165-2 | 2286545 | 2278820 | 2267566 | 2277644 | 0.42   | cps   |
| Indium     | 115-1 | 5932775 | 6106524 | 6028858 | 6022719 | 1.45   | cps   |
| Indium     | 115-2 | 492424  | 487849  | 483879  | 488051  | 0.88   | cps   |
| Iron       | 56-2  | 2717    | 2434    | 2761    | 2637    | 6.74   | cps   |
| Iron       | 57-2  | 122     | 83      | 72      | 93      | 28.36  | cps   |
| Krypton    | 83-1  | 853     | 870     | 843     | 856     | 1.57   | cps   |
| Lead       | 206-1 | 317     | 322     | 389     | 343     | 11.73  | cps   |
| Lead       | 207-1 | 428     | 356     | 378     | 387     | 9.56   | cps   |
| Lead       | 208-1 | 1628    | 1506    | 1545    | 1559    | 4.00   | cps   |
| Lithium    | 6-1   | 1344938 | 1396464 | 1387005 | 1376136 | 1.99   | cps   |
| Magnesium  | 24-2  | 333     | 383     | 325     | 347     | 9.09   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 11:56:32 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 37      | 47      | 73      | 52      | 36.29  | cps   |
| Molybdenum | 94-1  | 217     | 133     | 217     | 189     | 25.47  | cps   |
| Molybdenum | 95-1  | 150     | 192     | 75      | 139     | 42.57  | cps   |
| Molybdenum | 96-1  | 217     | 142     | 158     | 172     | 22.87  | cps   |
| Molybdenum | 97-1  | 83      | 75      | 75      | 78      | 6.19   | cps   |
| Molybdenum | 98-1  | 100     | 175     | 167     | 147     | 27.92  | cps   |
| Neodymium  | 150-1 | 7       | 7       | 13      | 9       | 43.25  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 87      | 73      | 60      | 73      | 18.18  | cps   |
| Phosphorus | 31-2  | 17      | 0       | 17      | 11      | 86.60  | cps   |
| Potassium  | 39-2  | 6852    | 7486    | 7085    | 7141    | 4.49   | cps   |
| Rhodium    | 103-1 | 5854229 | 6085545 | 5916123 | 5951966 | 2.01   | cps   |
| Rhodium    | 103-2 | 2219407 | 2230742 | 2190509 | 2213553 | 0.94   | cps   |
| Scandium   | 45-1  | 4485057 | 4591772 | 4458218 | 4511682 | 1.57   | cps   |
| Scandium   | 45-2  | 63111   | 62810   | 61809   | 62576   | 1.09   | cps   |
| Selenium   | 77-2  | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 4       | 2       | 2       | 2       | 43.30  | cps   |
| Selenium   | 82-1  | 11      | -11     | 11      | 4       | 339.14 | cps   |
| Silicon    | 28-1  | 563221  | 568958  | 566138  | 566106  | 0.51   | cps   |
| Silver     | 109-1 | 92      | 117     | 117     | 108     | 13.32  | cps   |
| Silver     | 107-1 | 167     | 142     | 175     | 161     | 10.77  | cps   |
| Sodium     | 23-2  | 9295    | 8853    | 9454    | 9201    | 3.38   | cps   |
| Strontium  | 86-1  | 1217    | 1350    | 1167    | 1245    | 7.62   | cps   |
| Strontium  | 88-1  | 75      | 125     | 42      | 81      | 52.07  | cps   |
| Sulfur     | 34-1  | 796697  | 796116  | 795039  | 795951  | 0.11   | cps   |
| Terbium    | 159-1 | 6715768 | 6893927 | 6684081 | 6764592 | 1.67   | cps   |
| Terbium    | 159-2 | 2281117 | 2277776 | 2275951 | 2278281 | 0.11   | cps   |
| Thallium   | 203-1 | 142     | 92      | 150     | 128     | 24.69  | cps   |
| Thallium   | 205-1 | 242     | 208     | 258     | 236     | 10.78  | cps   |
| Tin        | 118-1 | 567     | 592     | 533     | 564     | 5.19   | cps   |
| Titanium   | 47-1  | 217     | 250     | 250     | 239     | 8.05   | cps   |
| Uranium    | 238-1 | 367     | 425     | 300     | 364     | 17.19  | cps   |
| Vanadium   | 51-2  | 33      | 37      | 23      | 31      | 22.31  | cps   |
| Yttrium    | 89-1  | 6762222 | 7005861 | 6840379 | 6869487 | 1.81   | cps   |
| Yttrium    | 89-2  | 384772  | 381409  | 382506  | 382896  | 0.45   | cps   |
| Zinc       | 66-2  | 87      | 70      | 70      | 76      | 12.74  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 11:56:32 | DataFile Name :   | 003CALB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 375  | 525  | 400  | 433     | 18.55  | cps   |
| Zirconium | 91-1 | 117  | 92   | 50   | 86      | 39.11  | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB100678            | Operator :        | Jaswal     |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S02                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2019-02-05 12:04:23 | DataFile Name :   | 005CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 253     | 288     | 325     | 288     | 12.57  | cps   |
| Antimony   | 121-1 | 16586   | 16703   | 16569   | 16619   | 0.44   | cps   |
| Arsenic    | 75-2  | 187     | 211     | 206     | 201     | 6.26   | cps   |
| Barium     | 135-1 | 17395   | 17604   | 17679   | 17560   | 0.84   | cps   |
| Barium     | 137-1 | 30453   | 31013   | 30494   | 30653   | 1.02   | cps   |
| Beryllium  | 9-1   | 2130    | 1967    | 2054    | 2050    | 3.99   | cps   |
| Bismuth    | 209-1 | 3917982 | 3996152 | 3953143 | 3955759 | 0.99   | cps   |
| Bismuth    | 209-2 | 1636383 | 1623977 | 1657838 | 1639399 | 1.04   | cps   |
| Boron      | 10-1  | 6243    | 6385    | 6318    | 6316    | 1.12   | cps   |
| Boron      | 11-1  | 29431   | 30007   | 29581   | 29673   | 1.01   | cps   |
| Cadmium    | 111-1 | 3510    | 3254    | 3539    | 3434    | 4.56   | cps   |
| Cadmium    | 106-1 | 2217    | 2092    | 2325    | 2211    | 5.28   | cps   |
| Cadmium    | 108-1 | 150     | 146     | 121     | 139     | 11.36  | cps   |
| Calcium    | 43-1  | 13460   | 12856   | 13023   | 13113   | 2.38   | cps   |
| Calcium    | 44-1  | 236416  | 233661  | 234143  | 234740  | 0.63   | cps   |
| Chromium   | 52-2  | 4264    | 4341    | 4277    | 4294    | 0.95   | cps   |
| Cobalt     | 59-2  | 2897    | 2870    | 2894    | 2887    | 0.50   | cps   |
| Copper     | 63-2  | 5421    | 5198    | 5268    | 5296    | 2.16   | cps   |
| Dysprosium | 156-1 | 17      | 25      | 8       | 17      | 50.01  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 8       | 25      | 17      | 17      | 50.01  | cps   |
| Erbium     | 164-2 | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Gadolinium | 160-1 | 67      | 67      | 50      | 61      | 15.75  | cps   |
| Gadolinium | 160-2 | 3       | 23      | 7       | 11      | 96.43  | cps   |
| Holmium    | 165-1 | 6448078 | 6438426 | 6596245 | 6494250 | 1.36   | cps   |
| Holmium    | 165-2 | 2231861 | 2257733 | 2241852 | 2243815 | 0.58   | cps   |
| Indium     | 115-1 | 6010820 | 6013949 | 6109238 | 6044669 | 0.93   | cps   |
| Indium     | 115-2 | 474920  | 470732  | 472778  | 472810  | 0.44   | cps   |
| Iron       | 56-2  | 57954   | 58155   | 58049   | 58052   | 0.17   | cps   |
| Iron       | 57-2  | 1439    | 1500    | 1556    | 1498    | 3.90   | cps   |
| Krypton    | 83-1  | 937     | 837     | 843     | 872     | 6.41   | cps   |
| Lead       | 206-1 | 4456    | 4701    | 4740    | 4632    | 3.32   | cps   |
| Lead       | 207-1 | 4156    | 4134    | 4229    | 4173    | 1.18   | cps   |
| Lead       | 208-1 | 18884   | 18839   | 18895   | 18873   | 0.16   | cps   |
| Lithium    | 6-1   | 1367716 | 1381031 | 1379398 | 1376049 | 0.53   | cps   |
| Magnesium  | 24-2  | 29732   | 30291   | 29515   | 29846   | 1.34   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB100678            | Operator :        | Jaswal     |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S02                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2019-02-05 12:04:23 | DataFile Name :   | 005CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 493     | 553     | 563     | 537     | 7.05   | cps   |
| Molybdenum | 94-1  | 16327   | 16127   | 16936   | 16463   | 2.56   | cps   |
| Molybdenum | 95-1  | 20424   | 21201   | 19991   | 20539   | 2.98   | cps   |
| Molybdenum | 96-1  | 22787   | 22386   | 23012   | 22728   | 1.40   | cps   |
| Molybdenum | 97-1  | 12481   | 12732   | 12848   | 12687   | 1.48   | cps   |
| Molybdenum | 98-1  | 32758   | 32123   | 32340   | 32407   | 1.00   | cps   |
| Neodymium  | 150-1 | 7       | 7       | 27      | 13      | 86.58  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 913     | 923     | 973     | 937     | 3.43   | cps   |
| Phosphorus | 31-2  | 50      | 117     | 50      | 72      | 53.30  | cps   |
| Potassium  | 39-2  | 25407   | 25482   | 26684   | 25858   | 2.77   | cps   |
| Rhodium    | 103-1 | 6012883 | 6005140 | 6073221 | 6030414 | 0.62   | cps   |
| Rhodium    | 103-2 | 2172310 | 2169753 | 2159354 | 2167139 | 0.32   | cps   |
| Scandium   | 45-1  | 4487015 | 4469355 | 4539779 | 4498716 | 0.81   | cps   |
| Scandium   | 45-2  | 60825   | 60178   | 61203   | 60735   | 0.85   | cps   |
| Selenium   | 77-2  | 10      | 13      | 13      | 12      | 15.73  | cps   |
| Selenium   | 78-2  | 39      | 39      | 33      | 37      | 8.67   | cps   |
| Selenium   | 82-1  | 604     | 776     | 775     | 718     | 13.77  | cps   |
| Silicon    | 28-1  | 629951  | 628689  | 631586  | 630075  | 0.23   | cps   |
| Silver     | 109-1 | 10171   | 9962    | 9962    | 10032   | 1.20   | cps   |
| Silver     | 107-1 | 10488   | 10471   | 10087   | 10349   | 2.19   | cps   |
| Sodium     | 23-2  | 75190   | 75400   | 75123   | 75238   | 0.19   | cps   |
| Strontium  | 86-1  | 3917    | 3901    | 3692    | 3837    | 3.27   | cps   |
| Strontium  | 88-1  | 22428   | 21618   | 21451   | 21832   | 2.39   | cps   |
| Sulfur     | 34-1  | 815328  | 817467  | 825473  | 819423  | 0.65   | cps   |
| Terbium    | 159-1 | 6810884 | 6912199 | 6956281 | 6893122 | 1.08   | cps   |
| Terbium    | 159-2 | 2224700 | 2208226 | 2222756 | 2218561 | 0.41   | cps   |
| Thallium   | 203-1 | 5110    | 5118    | 5602    | 5276    | 5.34   | cps   |
| Thallium   | 205-1 | 13116   | 12941   | 12690   | 12915   | 1.66   | cps   |
| Tin        | 118-1 | 31003   | 31505   | 30920   | 31143   | 1.02   | cps   |
| Titanium   | 47-1  | 6335    | 6110    | 6502    | 6316    | 3.11   | cps   |
| Uranium    | 238-1 | 16053   | 15218   | 16128   | 15800   | 3.20   | cps   |
| Vanadium   | 51-2  | 5678    | 5278    | 5751    | 5569    | 4.58   | cps   |
| Yttrium    | 89-1  | 6964883 | 6885476 | 7066999 | 6972453 | 1.31   | cps   |
| Yttrium    | 89-2  | 372665  | 369050  | 368901  | 370205  | 0.58   | cps   |
| Zinc       | 66-2  | 603     | 537     | 460     | 533     | 13.45  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 12:04:23 | DataFile Name :   | 005CALS.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 90-1 | 13632 | 13758 | 13132 | 13507   | 2.45   | cps   |
| Zirconium | 91-1 | 3217  | 2967  | 3034  | 3073    | 4.21   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB100678            | Operator :        | Jaswal     |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S03                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2019-02-05 12:08:15 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 14574   | 14782   | 14311   | 14555   | 1.62   | cps   |
| Antimony   | 121-1 | 465940  | 470124  | 471498  | 469187  | 0.62   | cps   |
| Arsenic    | 75-2  | 9781    | 9768    | 9902    | 9817    | 0.75   | cps   |
| Barium     | 135-1 | 468141  | 473820  | 469783  | 470581  | 0.62   | cps   |
| Barium     | 137-1 | 820419  | 840272  | 825828  | 828840  | 1.24   | cps   |
| Beryllium  | 9-1   | 106805  | 106167  | 106917  | 106630  | 0.38   | cps   |
| Bismuth    | 209-1 | 3854952 | 3878470 | 3780464 | 3837962 | 1.33   | cps   |
| Bismuth    | 209-2 | 1628719 | 1654003 | 1676828 | 1653183 | 1.46   | cps   |
| Boron      | 10-1  | 13490   | 13365   | 13666   | 13507   | 1.12   | cps   |
| Boron      | 11-1  | 62671   | 63182   | 63375   | 63076   | 0.58   | cps   |
| Cadmium    | 111-1 | 114566  | 113459  | 115296  | 114440  | 0.81   | cps   |
| Cadmium    | 106-1 | 13783   | 13724   | 13758   | 13755   | 0.21   | cps   |
| Cadmium    | 108-1 | 8536    | 8278    | 8382    | 8399    | 1.55   | cps   |
| Calcium    | 43-1  | 135182  | 134034  | 133260  | 134159  | 0.72   | cps   |
| Calcium    | 44-1  | 2268748 | 2200149 | 2259734 | 2242877 | 1.66   | cps   |
| Chromium   | 52-2  | 78602   | 79219   | 78485   | 78769   | 0.50   | cps   |
| Cobalt     | 59-2  | 149055  | 151025  | 150115  | 150065  | 0.66   | cps   |
| Copper     | 63-2  | 246216  | 249019  | 249398  | 248211  | 0.70   | cps   |
| Dysprosium | 156-1 | 25      | 25      | 33      | 28      | 17.31  | cps   |
| Dysprosium | 156-2 | 3       | 0       | 3       | 2       | 86.60  | cps   |
| Erbium     | 164-1 | 25      | 25      | 17      | 22      | 21.64  | cps   |
| Erbium     | 164-2 | 10      | 17      | 7       | 11      | 45.82  | cps   |
| Gadolinium | 160-1 | 75      | 58      | 100     | 78      | 26.96  | cps   |
| Gadolinium | 160-2 | 10      | 10      | 7       | 9       | 21.63  | cps   |
| Holmium    | 165-1 | 6416000 | 6351942 | 6295454 | 6354465 | 0.95   | cps   |
| Holmium    | 165-2 | 2247233 | 2244019 | 2262707 | 2251320 | 0.44   | cps   |
| Indium     | 115-1 | 5835507 | 5885450 | 5816624 | 5845860 | 0.61   | cps   |
| Indium     | 115-2 | 464352  | 470081  | 472111  | 468848  | 0.86   | cps   |
| Iron       | 56-2  | 2760230 | 2749043 | 2769099 | 2759457 | 0.36   | cps   |
| Iron       | 57-2  | 69434   | 68250   | 68837   | 68840   | 0.86   | cps   |
| Krypton    | 83-1  | 820     | 807     | 910     | 846     | 6.65   | cps   |
| Lead       | 206-1 | 237881  | 237214  | 242308  | 239134  | 1.16   | cps   |
| Lead       | 207-1 | 212720  | 211413  | 214531  | 212888  | 0.74   | cps   |
| Lead       | 208-1 | 956338  | 960317  | 962924  | 959860  | 0.35   | cps   |
| Lithium    | 6-1   | 1362435 | 1347499 | 1336687 | 1348874 | 0.96   | cps   |
| Magnesium  | 24-2  | 315295  | 317380  | 314893  | 315856  | 0.42   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB100678            | Operator :        | Jaswal     |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S03                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2019-02-05 12:08:15 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 50852   | 51869   | 51588   | 51437   | 1.02   | cps   |
| Molybdenum | 94-1  | 916993  | 904040  | 903802  | 908278  | 0.83   | cps   |
| Molybdenum | 95-1  | 1137148 | 1134351 | 1137091 | 1136197 | 0.14   | cps   |
| Molybdenum | 96-1  | 1237139 | 1246808 | 1238411 | 1240786 | 0.42   | cps   |
| Molybdenum | 97-1  | 705339  | 702252  | 701151  | 702914  | 0.31   | cps   |
| Molybdenum | 98-1  | 1794974 | 1834196 | 1821024 | 1816731 | 1.10   | cps   |
| Neodymium  | 150-1 | 33      | 27      | 0       | 20      | 88.19  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 43669   | 45170   | 44662   | 44500   | 1.72   | cps   |
| Phosphorus | 31-2  | 1050    | 1017    | 1400    | 1156    | 18.38  | cps   |
| Potassium  | 39-2  | 107155  | 110455  | 109221  | 108944  | 1.53   | cps   |
| Rhodium    | 103-1 | 5874806 | 5834657 | 5783445 | 5830969 | 0.79   | cps   |
| Rhodium    | 103-2 | 2127000 | 2152509 | 2162638 | 2147382 | 0.86   | cps   |
| Scandium   | 45-1  | 4443318 | 4363290 | 4330126 | 4378911 | 1.33   | cps   |
| Scandium   | 45-2  | 58802   | 60131   | 59613   | 59515   | 1.13   | cps   |
| Selenium   | 77-2  | 90      | 70      | 67      | 76      | 16.70  | cps   |
| Selenium   | 78-2  | 333     | 289     | 281     | 301     | 9.31   | cps   |
| Selenium   | 82-1  | 7815    | 7774    | 7672    | 7753    | 0.95   | cps   |
| Silicon    | 28-1  | 917279  | 913286  | 920530  | 917032  | 0.40   | cps   |
| Silver     | 109-1 | 500336  | 509039  | 503683  | 504352  | 0.87   | cps   |
| Silver     | 107-1 | 534201  | 543717  | 533261  | 537060  | 1.08   | cps   |
| Sodium     | 23-2  | 722819  | 728025  | 732563  | 727803  | 0.67   | cps   |
| Strontium  | 86-1  | 162829  | 160762  | 163747  | 162446  | 0.94   | cps   |
| Strontium  | 88-1  | 1377487 | 1387680 | 1363857 | 1376341 | 0.87   | cps   |
| Sulfur     | 34-1  | 861750  | 856674  | 863224  | 860549  | 0.40   | cps   |
| Terbium    | 159-1 | 6849854 | 6751542 | 6661786 | 6754394 | 1.39   | cps   |
| Terbium    | 159-2 | 2213505 | 2236383 | 2269305 | 2239731 | 1.25   | cps   |
| Thallium   | 203-1 | 291901  | 300126  | 300562  | 297530  | 1.64   | cps   |
| Thallium   | 205-1 | 702778  | 709750  | 709088  | 707205  | 0.54   | cps   |
| Tin        | 118-1 | 326844  | 322494  | 324872  | 324737  | 0.67   | cps   |
| Titanium   | 47-1  | 333530  | 335412  | 327878  | 332273  | 1.18   | cps   |
| Uranium    | 238-1 | 855210  | 861431  | 860251  | 858964  | 0.38   | cps   |
| Vanadium   | 51-2  | 56654   | 57444   | 57615   | 57238   | 0.89   | cps   |
| Yttrium    | 89-1  | 6828455 | 6718682 | 6670777 | 6739305 | 1.20   | cps   |
| Yttrium    | 89-2  | 360734  | 370616  | 369200  | 366850  | 1.46   | cps   |
| Zinc       | 66-2  | 27371   | 27327   | 27471   | 27389   | 0.27   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S03                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 12:08:15 | DataFile Name :   | 006CALS.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 90-1 | 713740 | 712064 | 711271 | 712358  | 0.18   | cps   |
| Zirconium | 91-1 | 157282 | 158447 | 158371 | 158033  | 0.41   | cps   |

LB Number : LB100678 Operator : Jaswal  
 Lab Sample ID : S04 Instrumnet Name : P8  
 Client Sample ID : S04 Dilution Factor : 1  
 Date & Time Acquired :: 2019-02-05 12:12:04 DataFile Name : 007CAL.S.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 36383   | 36353   | 36787   | 36508   | 0.66   | cps   |
| Antimony   | 121-1 | 1184367 | 1197880 | 1204489 | 1195579 | 0.86   | cps   |
| Arsenic    | 75-2  | 24793   | 24613   | 24731   | 24712   | 0.37   | cps   |
| Barium     | 135-1 | 1192987 | 1216104 | 1209255 | 1206115 | 0.98   | cps   |
| Barium     | 137-1 | 2152441 | 2126036 | 2124609 | 2134362 | 0.73   | cps   |
| Beryllium  | 9-1   | 264396  | 265896  | 268130  | 266141  | 0.71   | cps   |
| Bismuth    | 209-1 | 4340022 | 3903327 | 3847659 | 4030336 | 6.69   | cps   |
| Bismuth    | 209-2 | 1652284 | 1678943 | 1704028 | 1678418 | 1.54   | cps   |
| Boron      | 10-1  | 32947   | 33557   | 33841   | 33448   | 1.37   | cps   |
| Boron      | 11-1  | 156108  | 158271  | 158298  | 157559  | 0.80   | cps   |
| Cadmium    | 111-1 | 284969  | 288602  | 292112  | 288561  | 1.24   | cps   |
| Cadmium    | 106-1 | 31914   | 32616   | 32757   | 32429   | 1.39   | cps   |
| Cadmium    | 108-1 | 20516   | 21138   | 21463   | 21039   | 2.29   | cps   |
| Calcium    | 43-1  | 330030  | 329697  | 333170  | 330966  | 0.58   | cps   |
| Calcium    | 44-1  | 5426175 | 5429208 | 5403557 | 5419647 | 0.26   | cps   |
| Chromium   | 52-2  | 196056  | 195255  | 199820  | 197044  | 1.24   | cps   |
| Cobalt     | 59-2  | 376056  | 378354  | 379591  | 378000  | 0.47   | cps   |
| Copper     | 63-2  | 619351  | 621443  | 623746  | 621513  | 0.35   | cps   |
| Dysprosium | 156-1 | 50      | 25      | 33      | 36      | 35.25  | cps   |
| Dysprosium | 156-2 | 3       | 0       | 7       | 3       | 100.05 | cps   |
| Erbium     | 164-1 | 25      | 33      | 17      | 25      | 33.32  | cps   |
| Erbium     | 164-2 | 7       | 7       | 7       | 7       | 0.00   | cps   |
| Gadolinium | 160-1 | 92      | 50      | 42      | 61      | 43.83  | cps   |
| Gadolinium | 160-2 | 10      | 7       | 13      | 10      | 33.30  | cps   |
| Holmium    | 165-1 | 7174695 | 6395797 | 6478507 | 6683000 | 6.40   | cps   |
| Holmium    | 165-2 | 2226627 | 2296181 | 2316993 | 2279934 | 2.08   | cps   |
| Indium     | 115-1 | 6541130 | 5966031 | 5948008 | 6151723 | 5.48   | cps   |
| Indium     | 115-2 | 466994  | 473519  | 478060  | 472858  | 1.18   | cps   |
| Iron       | 56-2  | 6877971 | 6898272 | 6883510 | 6886584 | 0.15   | cps   |
| Iron       | 57-2  | 171566  | 173556  | 175159  | 173427  | 1.04   | cps   |
| Krypton    | 83-1  | 817     | 840     | 833     | 830     | 1.45   | cps   |
| Lead       | 206-1 | 601720  | 606015  | 616631  | 608122  | 1.26   | cps   |
| Lead       | 207-1 | 543544  | 548417  | 546013  | 545991  | 0.45   | cps   |
| Lead       | 208-1 | 2445591 | 2473490 | 2466574 | 2461885 | 0.59   | cps   |
| Lithium    | 6-1   | 1448327 | 1341319 | 1339572 | 1376406 | 4.53   | cps   |
| Magnesium  | 24-2  | 780313  | 787235  | 795494  | 787680  | 0.96   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB100678            | Operator :        | Jaswal     |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S04                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2019-02-05 12:12:04 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 128678  | 128693  | 130489  | 129287  | 0.81   | cps   |
| Molybdenum | 94-1  | 2310744 | 2365524 | 2325771 | 2334013 | 1.21   | cps   |
| Molybdenum | 95-1  | 2896683 | 2915549 | 2967588 | 2926607 | 1.25   | cps   |
| Molybdenum | 96-1  | 3139006 | 3189302 | 3217400 | 3181902 | 1.25   | cps   |
| Molybdenum | 97-1  | 1773139 | 1814072 | 1822989 | 1803400 | 1.47   | cps   |
| Molybdenum | 98-1  | 4437394 | 4523364 | 4551995 | 4504251 | 1.32   | cps   |
| Neodymium  | 150-1 | 73      | 73      | 47      | 64      | 23.89  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 110178  | 110215  | 110837  | 110410  | 0.34   | cps   |
| Phosphorus | 31-2  | 2834    | 2934    | 2934    | 2900    | 1.99   | cps   |
| Potassium  | 39-2  | 260245  | 263394  | 267462  | 263700  | 1.37   | cps   |
| Rhodium    | 103-1 | 6389492 | 5820472 | 5836780 | 6015581 | 5.38   | cps   |
| Rhodium    | 103-2 | 2142406 | 2139987 | 2198329 | 2160241 | 1.53   | cps   |
| Scandium   | 45-1  | 4788225 | 4323033 | 4319755 | 4477004 | 6.02   | cps   |
| Scandium   | 45-2  | 59372   | 60607   | 61106   | 60361   | 1.48   | cps   |
| Selenium   | 77-2  | 217     | 223     | 250     | 230     | 7.67   | cps   |
| Selenium   | 78-2  | 682     | 767     | 713     | 720     | 5.98   | cps   |
| Selenium   | 82-1  | 19273   | 19323   | 19613   | 19403   | 0.94   | cps   |
| Silicon    | 28-1  | 1228121 | 1334509 | 1244828 | 1269153 | 4.51   | cps   |
| Silver     | 109-1 | 1263652 | 1261090 | 1290649 | 1271797 | 1.29   | cps   |
| Silver     | 107-1 | 1343369 | 1362071 | 1377017 | 1360819 | 1.24   | cps   |
| Sodium     | 23-2  | 1848337 | 1859755 | 1852157 | 1853417 | 0.31   | cps   |
| Strontium  | 86-1  | 405788  | 408294  | 408861  | 407648  | 0.40   | cps   |
| Strontium  | 88-1  | 3457835 | 3462169 | 3500922 | 3473642 | 0.68   | cps   |
| Sulfur     | 34-1  | 939063  | 918266  | 921306  | 926211  | 1.21   | cps   |
| Terbium    | 159-1 | 7389748 | 6775477 | 6879332 | 7014852 | 4.69   | cps   |
| Terbium    | 159-2 | 2231796 | 2259653 | 2259347 | 2250266 | 0.71   | cps   |
| Thallium   | 203-1 | 768391  | 758754  | 777168  | 768104  | 1.20   | cps   |
| Thallium   | 205-1 | 1835024 | 1880378 | 1879496 | 1864966 | 1.39   | cps   |
| Tin        | 118-1 | 814703  | 829609  | 838763  | 827692  | 1.47   | cps   |
| Titanium   | 47-1  | 828523  | 828992  | 847315  | 834943  | 1.28   | cps   |
| Uranium    | 238-1 | 2294425 | 2240206 | 2276234 | 2270288 | 1.22   | cps   |
| Vanadium   | 51-2  | 145251  | 143755  | 146991  | 145332  | 1.11   | cps   |
| Yttrium    | 89-1  | 7529417 | 6783831 | 6829053 | 7047433 | 5.93   | cps   |
| Yttrium    | 89-2  | 367292  | 368456  | 374179  | 369975  | 1.00   | cps   |
| Zinc       | 66-2  | 68173   | 70320   | 69590   | 69361   | 1.57   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S04                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 12:12:04 | DataFile Name :   | 007CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 1813045 | 1818463 | 1853131 | 1828213 | 1.19   | cps   |
| Zirconium | 91-1 | 398489  | 395716  | 400490  | 398232  | 0.60   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB100678            | Operator :        | Jaswal     |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S05                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2019-02-05 12:15:46 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 73509    | 72830    | 72217    | 72852    | 0.89   | cps   |
| Antimony   | 121-1 | 2440118  | 2466413  | 2501307  | 2469279  | 1.24   | cps   |
| Arsenic    | 75-2  | 50265    | 48823    | 49161    | 49416    | 1.53   | cps   |
| Barium     | 135-1 | 2455834  | 2469977  | 2487663  | 2471158  | 0.65   | cps   |
| Barium     | 137-1 | 4240230  | 4283244  | 4293971  | 4272482  | 0.67   | cps   |
| Beryllium  | 9-1   | 529871   | 535542   | 540776   | 535396   | 1.02   | cps   |
| Bismuth    | 209-1 | 4055177  | 4047134  | 4140525  | 4080945  | 1.27   | cps   |
| Bismuth    | 209-2 | 1649104  | 1706042  | 1724784  | 1693310  | 2.33   | cps   |
| Boron      | 10-1  | 65199    | 66856    | 69066    | 67041    | 2.89   | cps   |
| Boron      | 11-1  | 314767   | 323390   | 324309   | 320822   | 1.64   | cps   |
| Cadmium    | 111-1 | 571415   | 577392   | 582354   | 577054   | 0.95   | cps   |
| Cadmium    | 106-1 | 63073    | 63601    | 63751    | 63475    | 0.56   | cps   |
| Cadmium    | 108-1 | 42622    | 42872    | 43061    | 42852    | 0.51   | cps   |
| Calcium    | 43-1  | 663977   | 672058   | 671287   | 669107   | 0.67   | cps   |
| Calcium    | 44-1  | 10814527 | 11006565 | 10985362 | 10935485 | 0.96   | cps   |
| Chromium   | 52-2  | 391369   | 395734   | 389965   | 392356   | 0.77   | cps   |
| Cobalt     | 59-2  | 758977   | 759422   | 752933   | 757111   | 0.48   | cps   |
| Copper     | 63-2  | 1235250  | 1242480  | 1233344  | 1237024  | 0.39   | cps   |
| Dysprosium | 156-1 | 83       | 75       | 42       | 67       | 33.07  | cps   |
| Dysprosium | 156-2 | 0        | 3        | 10       | 4        | 114.60 | cps   |
| Erbium     | 164-1 | 58       | 17       | 25       | 33       | 66.14  | cps   |
| Erbium     | 164-2 | 13       | 10       | 0        | 8        | 89.21  | cps   |
| Gadolinium | 160-1 | 117      | 117      | 25       | 86       | 61.46  | cps   |
| Gadolinium | 160-2 | 17       | 27       | 23       | 22       | 22.91  | cps   |
| Holmium    | 165-1 | 6676786  | 6731290  | 6713061  | 6707045  | 0.41   | cps   |
| Holmium    | 165-2 | 2304895  | 2308054  | 2307198  | 2306715  | 0.07   | cps   |
| Indium     | 115-1 | 6045128  | 6000560  | 6092878  | 6046189  | 0.76   | cps   |
| Indium     | 115-2 | 477416   | 474830   | 465730   | 472659   | 1.30   | cps   |
| Iron       | 56-2  | 13827343 | 13797958 | 13652454 | 13759252 | 0.68   | cps   |
| Iron       | 57-2  | 345068   | 347130   | 342628   | 344942   | 0.65   | cps   |
| Krypton    | 83-1  | 837      | 797      | 820      | 818      | 2.46   | cps   |
| Lead       | 206-1 | 1229053  | 1245052  | 1247564  | 1240556  | 0.81   | cps   |
| Lead       | 207-1 | 1100607  | 1119655  | 1118803  | 1113022  | 0.97   | cps   |
| Lead       | 208-1 | 5031132  | 5112462  | 5104500  | 5082698  | 0.88   | cps   |
| Lithium    | 6-1   | 1347326  | 1373145  | 1383577  | 1368016  | 1.36   | cps   |
| Magnesium  | 24-2  | 1599369  | 1623248  | 1570607  | 1597742  | 1.65   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB100678            | Operator :        | Jaswal     |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S05                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2019-02-05 12:15:46 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 260376  | 259901  | 258700  | 259659  | 0.33   | cps   |
| Molybdenum | 94-1  | 4646244 | 4710022 | 4664183 | 4673483 | 0.70   | cps   |
| Molybdenum | 95-1  | 5775822 | 5883880 | 5796937 | 5818879 | 0.98   | cps   |
| Molybdenum | 96-1  | 6312871 | 6456099 | 6405275 | 6391415 | 1.14   | cps   |
| Molybdenum | 97-1  | 3621033 | 3695963 | 3707172 | 3674722 | 1.27   | cps   |
| Molybdenum | 98-1  | 8999759 | 9330801 | 9264931 | 9198497 | 1.91   | cps   |
| Neodymium  | 150-1 | 180     | 167     | 180     | 176     | 4.38   | cps   |
| Neodymium  | 150-2 | 0       | 23      | 7       | 10      | 120.16 | cps   |
| Nickel     | 60-2  | 220686  | 221580  | 219516  | 220594  | 0.47   | cps   |
| Phosphorus | 31-2  | 5985    | 5960    | 5601    | 5849    | 3.67   | cps   |
| Potassium  | 39-2  | 518688  | 520586  | 517111  | 518795  | 0.34   | cps   |
| Rhodium    | 103-1 | 5819723 | 6061107 | 6024174 | 5968335 | 2.18   | cps   |
| Rhodium    | 103-2 | 2175576 | 2210051 | 2159915 | 2181847 | 1.18   | cps   |
| Scandium   | 45-1  | 4452837 | 4498160 | 4533291 | 4494763 | 0.90   | cps   |
| Scandium   | 45-2  | 60433   | 60091   | 59636   | 60053   | 0.67   | cps   |
| Selenium   | 77-2  | 390     | 453     | 480     | 441     | 10.48  | cps   |
| Selenium   | 78-2  | 1530    | 1574    | 1433    | 1512    | 4.76   | cps   |
| Selenium   | 82-1  | 38986   | 39505   | 39762   | 39418   | 1.00   | cps   |
| Silicon    | 28-1  | 1871704 | 1891605 | 1896054 | 1886454 | 0.69   | cps   |
| Silver     | 109-1 | 2607370 | 2646178 | 2641319 | 2631622 | 0.80   | cps   |
| Silver     | 107-1 | 2761261 | 2831332 | 2816251 | 2802948 | 1.32   | cps   |
| Sodium     | 23-2  | 3642733 | 3651004 | 3624238 | 3639325 | 0.38   | cps   |
| Strontium  | 86-1  | 819817  | 823278  | 832091  | 825062  | 0.77   | cps   |
| Strontium  | 88-1  | 6964580 | 7033515 | 7008504 | 7002200 | 0.50   | cps   |
| Sulfur     | 34-1  | 995360  | 995650  | 1001131 | 997380  | 0.33   | cps   |
| Terbium    | 159-1 | 6990289 | 7133953 | 7083500 | 7069248 | 1.03   | cps   |
| Terbium    | 159-2 | 2299227 | 2308645 | 2296083 | 2301318 | 0.28   | cps   |
| Thallium   | 203-1 | 1552439 | 1550059 | 1578232 | 1560243 | 1.00   | cps   |
| Thallium   | 205-1 | 3761120 | 3768351 | 3746080 | 3758517 | 0.30   | cps   |
| Tin        | 118-1 | 1702322 | 1690538 | 1707642 | 1700168 | 0.51   | cps   |
| Titanium   | 47-1  | 1689483 | 1710547 | 1714466 | 1704832 | 0.79   | cps   |
| Uranium    | 238-1 | 4555115 | 4622425 | 4656477 | 4611339 | 1.12   | cps   |
| Vanadium   | 51-2  | 291790  | 292194  | 289842  | 291275  | 0.43   | cps   |
| Yttrium    | 89-1  | 7012631 | 7111221 | 7045191 | 7056348 | 0.71   | cps   |
| Yttrium    | 89-2  | 373712  | 376610  | 372090  | 374138  | 0.61   | cps   |
| Zinc       | 66-2  | 136938  | 138297  | 137177  | 137471  | 0.53   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S05                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 12:15:46 | DataFile Name :   | 008CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 3717358 | 3705178 | 3725516 | 3716018 | 0.28   | cps   |
| Zirconium | 91-1 | 802369  | 804329  | 813784  | 806828  | 0.76   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB100678            | Operator :        | Jaswal     |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S06                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2019-02-05 12:19:22 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 145327   | 145833   | 144408   | 145189   | 0.50   | cps   |
| Antimony   | 121-1 | 4798436  | 4936579  | 4860939  | 4865318  | 1.42   | cps   |
| Arsenic    | 75-2  | 99600    | 99533    | 98123    | 99085    | 0.84   | cps   |
| Barium     | 135-1 | 4824216  | 4904497  | 4881575  | 4870096  | 0.85   | cps   |
| Barium     | 137-1 | 8447952  | 8541683  | 8479069  | 8489568  | 0.56   | cps   |
| Beryllium  | 9-1   | 1083191  | 1059312  | 1061949  | 1068151  | 1.23   | cps   |
| Bismuth    | 209-1 | 4020120  | 4027978  | 4006411  | 4018169  | 0.27   | cps   |
| Bismuth    | 209-2 | 1631138  | 1693808  | 1599532  | 1641492  | 2.92   | cps   |
| Boron      | 10-1  | 133861   | 131582   | 134844   | 133429   | 1.25   | cps   |
| Boron      | 11-1  | 627190   | 638831   | 638225   | 634749   | 1.03   | cps   |
| Cadmium    | 111-1 | 1139459  | 1151079  | 1150918  | 1147152  | 0.58   | cps   |
| Cadmium    | 106-1 | 121856   | 125909   | 123192   | 123653   | 1.67   | cps   |
| Cadmium    | 108-1 | 85846    | 85150    | 85025    | 85341    | 0.52   | cps   |
| Calcium    | 43-1  | 1339152  | 1359587  | 1347640  | 1348793  | 0.76   | cps   |
| Calcium    | 44-1  | 21838076 | 21784861 | 21849563 | 21824167 | 0.16   | cps   |
| Chromium   | 52-2  | 780625   | 778366   | 778827   | 779273   | 0.15   | cps   |
| Cobalt     | 59-2  | 1508546  | 1500734  | 1475803  | 1495028  | 1.14   | cps   |
| Copper     | 63-2  | 2443455  | 2450414  | 2441131  | 2445000  | 0.20   | cps   |
| Dysprosium | 156-1 | 108      | 75       | 58       | 81       | 31.60  | cps   |
| Dysprosium | 156-2 | 7        | 7        | 10       | 8        | 24.71  | cps   |
| Erbium     | 164-1 | 58       | 33       | 67       | 53       | 32.86  | cps   |
| Erbium     | 164-2 | 23       | 3        | 0        | 9        | 142.00 | cps   |
| Gadolinium | 160-1 | 83       | 75       | 50       | 69       | 24.98  | cps   |
| Gadolinium | 160-2 | 27       | 17       | 27       | 23       | 24.74  | cps   |
| Holmium    | 165-1 | 6749606  | 6798905  | 6753272  | 6767261  | 0.41   | cps   |
| Holmium    | 165-2 | 2316261  | 2247874  | 2233000  | 2265711  | 1.96   | cps   |
| Indium     | 115-1 | 6038309  | 6053063  | 6074348  | 6055240  | 0.30   | cps   |
| Indium     | 115-2 | 465016   | 459811   | 444333   | 456387   | 2.36   | cps   |
| Iron       | 56-2  | 27285265 | 27344468 | 27324512 | 27318081 | 0.11   | cps   |
| Iron       | 57-2  | 688167   | 684262   | 685223   | 685884   | 0.30   | cps   |
| Krypton    | 83-1  | 863      | 920      | 880      | 888      | 3.28   | cps   |
| Lead       | 206-1 | 2493408  | 2450919  | 2500303  | 2481544  | 1.08   | cps   |
| Lead       | 207-1 | 2279941  | 2278992  | 2239391  | 2266108  | 1.02   | cps   |
| Lead       | 208-1 | 10218740 | 10151438 | 10061043 | 10143740 | 0.78   | cps   |
| Lithium    | 6-1   | 1338829  | 1343222  | 1333496  | 1338515  | 0.36   | cps   |
| Magnesium  | 24-2  | 3134390  | 3104242  | 3112690  | 3117107  | 0.50   | cps   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB100678            | Operator :        | Jaswal     |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S06                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2019-02-05 12:19:22 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 517487   | 518482   | 511775   | 515914   | 0.70   | cps   |
| Molybdenum | 94-1  | 9216955  | 9334452  | 9184740  | 9245382  | 0.85   | cps   |
| Molybdenum | 95-1  | 11518451 | 11658841 | 11465835 | 11547709 | 0.86   | cps   |
| Molybdenum | 96-1  | 12776932 | 12897357 | 12793648 | 12822646 | 0.51   | cps   |
| Molybdenum | 97-1  | 7274603  | 7207939  | 7265679  | 7249407  | 0.50   | cps   |
| Molybdenum | 98-1  | 18482331 | 18622355 | 18529557 | 18544748 | 0.38   | cps   |
| Neodymium  | 150-1 | 193      | 280      | 293      | 256      | 21.25  | cps   |
| Neodymium  | 150-2 | 20       | 3        | 23       | 16       | 68.90  | cps   |
| Nickel     | 60-2  | 433433   | 431080   | 431335   | 431949   | 0.30   | cps   |
| Phosphorus | 31-2  | 11722    | 11338    | 11055    | 11372    | 2.95   | cps   |
| Potassium  | 39-2  | 1023647  | 1033817  | 1025491  | 1027652  | 0.53   | cps   |
| Rhodium    | 103-1 | 5885951  | 5944916  | 5906130  | 5912333  | 0.51   | cps   |
| Rhodium    | 103-2 | 2115519  | 2137350  | 2045007  | 2099292  | 2.30   | cps   |
| Scandium   | 45-1  | 4482255  | 4495078  | 4508233  | 4495189  | 0.29   | cps   |
| Scandium   | 45-2  | 60382    | 60045    | 58471    | 59633    | 1.71   | cps   |
| Selenium   | 77-2  | 770      | 757      | 847      | 791      | 6.14   | cps   |
| Selenium   | 78-2  | 3045     | 3037     | 2908     | 2997     | 2.57   | cps   |
| Selenium   | 82-1  | 79252    | 78169    | 78146    | 78522    | 0.80   | cps   |
| Silicon    | 28-1  | 3073294  | 3108275  | 3157870  | 3113146  | 1.37   | cps   |
| Silver     | 109-1 | 5124215  | 5103395  | 5120064  | 5115891  | 0.22   | cps   |
| Silver     | 107-1 | 5462477  | 5366469  | 5395867  | 5408271  | 0.91   | cps   |
| Sodium     | 23-2  | 7140411  | 7111076  | 7119278  | 7123588  | 0.21   | cps   |
| Strontium  | 86-1  | 1682811  | 1678578  | 1682647  | 1681345  | 0.14   | cps   |
| Strontium  | 88-1  | 13907024 | 14002833 | 13990687 | 13966848 | 0.37   | cps   |
| Sulfur     | 34-1  | 1142472  | 1142389  | 1129086  | 1137982  | 0.68   | cps   |
| Terbium    | 159-1 | 7054701  | 7196837  | 7109426  | 7120321  | 1.01   | cps   |
| Terbium    | 159-2 | 2287866  | 2284861  | 2219265  | 2263998  | 1.71   | cps   |
| Thallium   | 203-1 | 3156072  | 3125987  | 3124233  | 3135431  | 0.57   | cps   |
| Thallium   | 205-1 | 7385230  | 7304976  | 7322094  | 7337433  | 0.58   | cps   |
| Tin        | 118-1 | 3341125  | 3397696  | 3351529  | 3363450  | 0.90   | cps   |
| Titanium   | 47-1  | 3379183  | 3363048  | 3365999  | 3369410  | 0.25   | cps   |
| Uranium    | 238-1 | 9096896  | 9070471  | 9119932  | 9095766  | 0.27   | cps   |
| Vanadium   | 51-2  | 583227   | 582731   | 580870   | 582276   | 0.21   | cps   |
| Yttrium    | 89-1  | 6997149  | 7116979  | 7009468  | 7041199  | 0.94   | cps   |
| Yttrium    | 89-2  | 369759   | 366615   | 358732   | 365035   | 1.56   | cps   |
| Zinc       | 66-2  | 271925   | 270828   | 270251   | 271002   | 0.31   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S06                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 12:19:22 | DataFile Name :   | 009CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 7216619 | 7359467 | 7217809 | 7264632 | 1.13   | cps   |
| Zirconium | 91-1 | 1636657 | 1648369 | 1644481 | 1643169 | 0.36   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB100678            | Operator :        | Jaswal     |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S07                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2019-02-05 12:22:51 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 291005   | 290689   | 287155   | 289616   | 0.74   | cps   |
| Antimony   | 121-1 | 9661348  | 9630992  | 9611907  | 9634749  | 0.26   | cps   |
| Arsenic    | 75-2  | 199801   | 201649   | 198839   | 200097   | 0.71   | cps   |
| Barium     | 135-1 | 9626844  | 9716589  | 9687411  | 9676948  | 0.47   | cps   |
| Barium     | 137-1 | 16879013 | 16957148 | 16927000 | 16921054 | 0.23   | cps   |
| Beryllium  | 9-1   | 2104559  | 2109237  | 2108078  | 2107291  | 0.12   | cps   |
| Bismuth    | 209-1 | 3851156  | 3830177  | 3897926  | 3859753  | 0.90   | cps   |
| Bismuth    | 209-2 | 1630704  | 1645770  | 1627145  | 1634540  | 0.60   | cps   |
| Boron      | 10-1  | 264675   | 266194   | 268652   | 266507   | 0.75   | cps   |
| Boron      | 11-1  | 1265083  | 1290434  | 1304777  | 1286765  | 1.56   | cps   |
| Cadmium    | 111-1 | 2327975  | 2298875  | 2306749  | 2311200  | 0.65   | cps   |
| Cadmium    | 106-1 | 246831   | 241596   | 245437   | 244621   | 1.11   | cps   |
| Cadmium    | 108-1 | 166737   | 168404   | 168196   | 167779   | 0.54   | cps   |
| Calcium    | 43-1  | 2646031  | 2721463  | 2686086  | 2684527  | 1.41   | cps   |
| Calcium    | 44-1  | 43475736 | 43841804 | 43720813 | 43679451 | 0.43   | cps   |
| Chromium   | 52-2  | 1572356  | 1566037  | 1563081  | 1567158  | 0.30   | cps   |
| Cobalt     | 59-2  | 2958848  | 2959561  | 2887615  | 2935341  | 1.41   | cps   |
| Copper     | 63-2  | 4759780  | 4792065  | 4657365  | 4736403  | 1.48   | cps   |
| Dysprosium | 156-1 | 150      | 108      | 117      | 125      | 17.64  | cps   |
| Dysprosium | 156-2 | 3        | 10       | 13       | 9        | 57.30  | cps   |
| Erbium     | 164-1 | 42       | 25       | 17       | 28       | 45.82  | cps   |
| Erbium     | 164-2 | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Gadolinium | 160-1 | 133      | 117      | 92       | 114      | 18.41  | cps   |
| Gadolinium | 160-2 | 17       | 17       | 7        | 13       | 43.29  | cps   |
| Holmium    | 165-1 | 6518154  | 6469051  | 6602849  | 6530018  | 1.04   | cps   |
| Holmium    | 165-2 | 2314522  | 2314936  | 2267338  | 2298932  | 1.19   | cps   |
| Indium     | 115-1 | 5761862  | 5715401  | 5707215  | 5728159  | 0.51   | cps   |
| Indium     | 115-2 | 452038   | 455939   | 448382   | 452120   | 0.84   | cps   |
| Iron       | 56-2  | 54618880 | 54644955 | 54297457 | 54520431 | 0.35   | cps   |
| Iron       | 57-2  | 1369196  | 1381810  | 1361325  | 1370777  | 0.75   | cps   |
| Krypton    | 83-1  | 843      | 797      | 810      | 817      | 2.94   | cps   |
| Lead       | 206-1 | 4839436  | 4741394  | 4823703  | 4801511  | 1.10   | cps   |
| Lead       | 207-1 | 4413665  | 4346917  | 4371413  | 4377332  | 0.77   | cps   |
| Lead       | 208-1 | 19667395 | 19546046 | 19653706 | 19622382 | 0.34   | cps   |
| Lithium    | 6-1   | 1314261  | 1321095  | 1329004  | 1321453  | 0.56   | cps   |
| Magnesium  | 24-2  | 6152217  | 6176639  | 6056326  | 6128394  | 1.04   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB100678            | Operator :        | Jaswal     |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S07                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2019-02-05 12:22:51 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1032799  | 1033790  | 1022063  | 1029550  | 0.63   | cps   |
| Molybdenum | 94-1  | 18527207 | 18441429 | 18654803 | 18541146 | 0.58   | cps   |
| Molybdenum | 95-1  | 23034387 | 23087981 | 23095776 | 23072715 | 0.14   | cps   |
| Molybdenum | 96-1  | 25442125 | 25344650 | 25709305 | 25498693 | 0.74   | cps   |
| Molybdenum | 97-1  | 14430979 | 14462409 | 14573643 | 14489011 | 0.52   | cps   |
| Molybdenum | 98-1  | 36906614 | 36850917 | 36712359 | 36823297 | 0.27   | cps   |
| Neodymium  | 150-1 | 427      | 440      | 393      | 420      | 5.72   | cps   |
| Neodymium  | 150-2 | 23       | 7        | 17       | 16       | 53.90  | cps   |
| Nickel     | 60-2  | 855851   | 858652   | 834454   | 849652   | 1.56   | cps   |
| Phosphorus | 31-2  | 22110    | 24030    | 21834    | 22658    | 5.28   | cps   |
| Potassium  | 39-2  | 2086329  | 2080956  | 2056487  | 2074590  | 0.77   | cps   |
| Rhodium    | 103-1 | 5729757  | 5668274  | 5662831  | 5686954  | 0.65   | cps   |
| Rhodium    | 103-2 | 2082435  | 2115620  | 2098811  | 2098955  | 0.79   | cps   |
| Scandium   | 45-1  | 4367045  | 4408502  | 4353209  | 4376252  | 0.66   | cps   |
| Scandium   | 45-2  | 62331    | 62716    | 61434    | 62160    | 1.06   | cps   |
| Selenium   | 77-2  | 1793     | 1813     | 1700     | 1769     | 3.42   | cps   |
| Selenium   | 78-2  | 5985     | 6125     | 5855     | 5988     | 2.26   | cps   |
| Selenium   | 82-1  | 156222   | 157862   | 157279   | 157121   | 0.53   | cps   |
| Silicon    | 28-1  | 5429470  | 5405324  | 5421622  | 5418805  | 0.23   | cps   |
| Silver     | 109-1 | 10041524 | 10091967 | 9940604  | 10024699 | 0.77   | cps   |
| Silver     | 107-1 | 10650125 | 10651786 | 10686907 | 10662939 | 0.19   | cps   |
| Sodium     | 23-2  | 14394679 | 14324539 | 14177560 | 14298926 | 0.77   | cps   |
| Strontium  | 86-1  | 3295376  | 3334610  | 3274789  | 3301592  | 0.92   | cps   |
| Strontium  | 88-1  | 28052771 | 28224580 | 28084363 | 28120571 | 0.33   | cps   |
| Sulfur     | 34-1  | 1472994  | 1478850  | 1480945  | 1477596  | 0.28   | cps   |
| Terbium    | 159-1 | 6845420  | 6907507  | 6922047  | 6891658  | 0.59   | cps   |
| Terbium    | 159-2 | 2312615  | 2263655  | 2234879  | 2270383  | 1.73   | cps   |
| Thallium   | 203-1 | 6028000  | 6090230  | 6127107  | 6081779  | 0.82   | cps   |
| Thallium   | 205-1 | 14298086 | 14326226 | 14350824 | 14325045 | 0.18   | cps   |
| Tin        | 118-1 | 6526918  | 6557824  | 6529882  | 6538208  | 0.26   | cps   |
| Titanium   | 47-1  | 6666563  | 6627154  | 6595421  | 6629713  | 0.54   | cps   |
| Uranium    | 238-1 | 18119881 | 17926837 | 17575596 | 17874105 | 1.54   | cps   |
| Vanadium   | 51-2  | 1172377  | 1177020  | 1154043  | 1167814  | 1.04   | cps   |
| Yttrium    | 89-1  | 6814893  | 6788992  | 6886015  | 6829966  | 0.74   | cps   |
| Yttrium    | 89-2  | 371997   | 372272   | 368923   | 371064   | 0.50   | cps   |
| Zinc       | 66-2  | 539261   | 541109   | 528349   | 536240   | 1.29   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S07                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 12:22:51 | DataFile Name :   | 010CALS.d |

| Parameter | Mass | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|------|----------|----------|----------|----------|--------|-------|
| Zirconium | 90-1 | 14475988 | 14555124 | 14824389 | 14618500 | 1.25   | cps   |
| Zirconium | 91-1 | 3247396  | 3223944  | 3264442  | 3245261  | 0.63   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB100678            | Operator :        | Jaswal     |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S08                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2019-02-05 12:26:15 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 1497458   | 1515728   | 1524511   | 1512566   | 0.91   | cps   |
| Antimony   | 121-1 | 10780     | 10713     | 11472     | 10988     | 3.82   | cps   |
| Arsenic    | 75-2  | 317       | 246       | 270       | 278       | 12.87  | cps   |
| Barium     | 135-1 | 800       | 783       | 917       | 833       | 8.72   | cps   |
| Barium     | 137-1 | 1584      | 1475      | 1350      | 1470      | 7.95   | cps   |
| Beryllium  | 9-1   | 277       | 230       | 230       | 246       | 10.97  | cps   |
| Bismuth    | 209-1 | 3606330   | 3396758   | 3401594   | 3468227   | 3.45   | cps   |
| Bismuth    | 209-2 | 1418444   | 1393653   | 1387107   | 1399735   | 1.18   | cps   |
| Boron      | 10-1  | 7452      | 6869      | 6785      | 7035      | 5.17   | cps   |
| Boron      | 11-1  | 34317     | 30575     | 30041     | 31644     | 7.36   | cps   |
| Cadmium    | 111-1 | 1574      | 1525      | 1579      | 1559      | 1.90   | cps   |
| Cadmium    | 106-1 | 2100      | 2075      | 2100      | 2092      | 0.69   | cps   |
| Cadmium    | 108-1 | 13        | 33        | 29        | 25        | 44.09  | cps   |
| Calcium    | 43-1  | 13373949  | 13283225  | 13244913  | 13300696  | 0.50   | cps   |
| Calcium    | 44-1  | 219188850 | 219115870 | 218560957 | 218955226 | 0.16   | cps   |
| Chromium   | 52-2  | 11558     | 11608     | 11949     | 11705     | 1.81   | cps   |
| Cobalt     | 59-2  | 34095     | 34302     | 33911     | 34103     | 0.57   | cps   |
| Copper     | 63-2  | 6208      | 6325      | 6388      | 6307      | 1.45   | cps   |
| Dysprosium | 156-1 | 108       | 58        | 125       | 97        | 35.68  | cps   |
| Dysprosium | 156-2 | 33        | 17        | 3         | 18        | 84.55  | cps   |
| Erbium     | 164-1 | 42        | 17        | 42        | 33        | 43.30  | cps   |
| Erbium     | 164-2 | 17        | 10        | 13        | 13        | 25.01  | cps   |
| Gadolinium | 160-1 | 83        | 217       | 200       | 167       | 43.59  | cps   |
| Gadolinium | 160-2 | 30        | 40        | 37        | 36        | 14.32  | cps   |
| Holmium    | 165-1 | 6486922   | 6100461   | 6099636   | 6229007   | 3.59   | cps   |
| Holmium    | 165-2 | 2206048   | 2144619   | 2128173   | 2159613   | 1.90   | cps   |
| Indium     | 115-1 | 5884142   | 5492770   | 5528438   | 5635117   | 3.84   | cps   |
| Indium     | 115-2 | 455233    | 450217    | 449482    | 451644    | 0.69   | cps   |
| Iron       | 56-2  | 269774439 | 270830439 | 273757056 | 271453978 | 0.76   | cps   |
| Iron       | 57-2  | 6678428   | 6673511   | 6630387   | 6660775   | 0.40   | cps   |
| Krypton    | 83-1  | 940       | 870       | 787       | 866       | 8.87   | cps   |
| Lead       | 206-1 | 7686      | 7086      | 7230      | 7334      | 4.27   | cps   |
| Lead       | 207-1 | 6658      | 6713      | 6135      | 6502      | 4.90   | cps   |
| Lead       | 208-1 | 29825     | 28624     | 28280     | 28910     | 2.81   | cps   |
| Lithium    | 6-1   | 1340954   | 1304133   | 1312184   | 1319090   | 1.47   | cps   |
| Magnesium  | 24-2  | 30909738  | 31141199  | 31371051  | 31140663  | 0.74   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB100678            | Operator :        | Jaswal     |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S08                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2019-02-05 12:26:15 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 3481     | 3824     | 3811     | 3705     | 5.25   | cps   |
| Molybdenum | 94-1  | 6085     | 6035     | 5877     | 5999     | 1.81   | cps   |
| Molybdenum | 95-1  | 8503     | 9020     | 8545     | 8689     | 3.31   | cps   |
| Molybdenum | 96-1  | 11622    | 11505    | 10872    | 11333    | 3.56   | cps   |
| Molybdenum | 97-1  | 5626     | 5268     | 4984     | 5293     | 6.08   | cps   |
| Molybdenum | 98-1  | 13616    | 13099    | 12723    | 13146    | 3.41   | cps   |
| Neodymium  | 150-1 | 180      | 120      | 127      | 142      | 23.13  | cps   |
| Neodymium  | 150-2 | 27       | 40       | 27       | 31       | 24.74  | cps   |
| Nickel     | 60-2  | 10157    | 10684    | 10561    | 10467    | 2.63   | cps   |
| Phosphorus | 31-2  | 33       | 25       | 42       | 33       | 25.01  | cps   |
| Potassium  | 39-2  | 10501950 | 10565233 | 10635916 | 10567700 | 0.63   | cps   |
| Rhodium    | 103-1 | 5518978  | 5289978  | 5335445  | 5381467  | 2.25   | cps   |
| Rhodium    | 103-2 | 1960576  | 2009594  | 1938334  | 1969501  | 1.85   | cps   |
| Scandium   | 45-1  | 4529587  | 4316877  | 4459896  | 4435453  | 2.44   | cps   |
| Scandium   | 45-2  | 62950    | 62451    | 62655    | 62686    | 0.40   | cps   |
| Selenium   | 77-2  | 0        | 7        | 10       | 6        | 91.64  | cps   |
| Selenium   | 78-2  | 20       | 9        | 6        | 12       | 65.71  | cps   |
| Selenium   | 82-1  | -51      | 61       | 132      | 47       | 195.47 | cps   |
| Silicon    | 28-1  | 869773   | 879953   | 878212   | 875980   | 0.62   | cps   |
| Silver     | 109-1 | 1225     | 1292     | 1300     | 1272     | 3.23   | cps   |
| Silver     | 107-1 | 1508     | 1383     | 1242     | 1378     | 9.68   | cps   |
| Sodium     | 23-2  | 72147008 | 72693281 | 72831235 | 72557175 | 0.50   | cps   |
| Strontium  | 86-1  | 13165    | 12598    | 12940    | 12901    | 2.21   | cps   |
| Strontium  | 88-1  | 98782    | 98798    | 98203    | 98594    | 0.34   | cps   |
| Sulfur     | 34-1  | 733827   | 726040   | 729325   | 729731   | 0.54   | cps   |
| Terbium    | 159-1 | 6776015  | 6437288  | 6374673  | 6529325  | 3.31   | cps   |
| Terbium    | 159-2 | 2146928  | 2127818  | 2128733  | 2134493  | 0.50   | cps   |
| Thallium   | 203-1 | 483      | 483      | 317      | 428      | 22.49  | cps   |
| Thallium   | 205-1 | 1183     | 1083     | 1042     | 1103     | 6.60   | cps   |
| Tin        | 118-1 | 3551     | 3367     | 3426     | 3448     | 2.72   | cps   |
| Titanium   | 47-1  | 967      | 1183     | 1283     | 1145     | 14.14  | cps   |
| Uranium    | 238-1 | 450      | 475      | 383      | 436      | 10.87  | cps   |
| Vanadium   | 51-2  | 170      | 197      | 143      | 170      | 15.68  | cps   |
| Yttrium    | 89-1  | 6932627  | 6611494  | 6633468  | 6725863  | 2.67   | cps   |
| Yttrium    | 89-2  | 373669   | 378255   | 371314   | 374412   | 0.94   | cps   |
| Zinc       | 66-2  | 2837     | 2457     | 2567     | 2620     | 7.46   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S08                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 12:26:15 | DataFile Name :   | 011CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 3009 | 3251 | 3276 | 3178    | 4.64   | cps   |
| Zirconium | 91-1 | 742  | 692  | 650  | 694     | 6.61   | cps   |



LB Number : LB100678 Operator : Jaswal  
 Lab Sample ID : ICV Instrumnet Name : P8  
 Client Sample ID : ICV Dilution Factor : 1  
 Date & Time Acquired :: 2019-02-05 12:34:09 DataFile Name : 012ICV.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 8127    | 8352    | 8407    | 8295    | 1.79   | cps   |
| Antimony   | 121-1 | 1717282 | 1693226 | 1690363 | 1700290 | 0.87   | cps   |
| Arsenic    | 75-2  | 40179   | 39904   | 39934   | 40005   | 0.38   | cps   |
| Barium     | 135-1 | 166049  | 168047  | 170411  | 168169  | 1.30   | cps   |
| Barium     | 137-1 | 294604  | 290929  | 292495  | 292676  | 0.63   | cps   |
| Beryllium  | 9-1   | 198689  | 196815  | 199066  | 198190  | 0.61   | cps   |
| Bismuth    | 209-1 | 3319974 | 3386730 | 3270907 | 3325870 | 1.75   | cps   |
| Bismuth    | 209-2 | 1493270 | 1492611 | 1494641 | 1493508 | 0.07   | cps   |
| Boron      | 10-1  | 1950    | 1809    | 1659    | 1806    | 8.08   | cps   |
| Boron      | 11-1  | 8878    | 8795    | 8586    | 8753    | 1.72   | cps   |
| Cadmium    | 111-1 | 203185  | 202987  | 203881  | 203351  | 0.23   | cps   |
| Cadmium    | 106-1 | 20016   | 20616   | 19874   | 20169   | 1.95   | cps   |
| Cadmium    | 108-1 | 12881   | 13386   | 13557   | 13275   | 2.65   | cps   |
| Calcium    | 43-1  | 53230   | 52407   | 52555   | 52731   | 0.83   | cps   |
| Calcium    | 44-1  | 887246  | 887202  | 897744  | 890731  | 0.68   | cps   |
| Chromium   | 52-2  | 157187  | 157316  | 157322  | 157275  | 0.05   | cps   |
| Cobalt     | 59-2  | 304887  | 307148  | 305309  | 305781  | 0.39   | cps   |
| Copper     | 63-2  | 251436  | 249732  | 249426  | 250198  | 0.43   | cps   |
| Dysprosium | 156-1 | 0       | 17      | 33      | 17      | 99.99  | cps   |
| Dysprosium | 156-2 | 0       | 7       | 3       | 3       | 100.05 | cps   |
| Erbium     | 164-1 | 42      | 42      | 83      | 56      | 43.30  | cps   |
| Erbium     | 164-2 | 17      | 7       | 10      | 11      | 45.82  | cps   |
| Gadolinium | 160-1 | 25      | 42      | 133     | 67      | 87.50  | cps   |
| Gadolinium | 160-2 | 13      | 7       | 7       | 9       | 43.25  | cps   |
| Holmium    | 165-1 | 5794377 | 5709011 | 5411104 | 5638164 | 3.57   | cps   |
| Holmium    | 165-2 | 2192755 | 2152190 | 2121772 | 2155572 | 1.65   | cps   |
| Indium     | 115-1 | 5620589 | 5663933 | 5285518 | 5523347 | 3.75   | cps   |
| Indium     | 115-2 | 472608  | 472423  | 474617  | 473216  | 0.26   | cps   |
| Iron       | 56-2  | 1123531 | 1125299 | 1111686 | 1120172 | 0.66   | cps   |
| Iron       | 57-2  | 28474   | 28858   | 28424   | 28585   | 0.83   | cps   |
| Krypton    | 83-1  | 770     | 810     | 813     | 798     | 3.02   | cps   |
| Lead       | 206-1 | 799134  | 813370  | 803117  | 805207  | 0.91   | cps   |
| Lead       | 207-1 | 693853  | 703683  | 699493  | 699010  | 0.71   | cps   |
| Lead       | 208-1 | 3240548 | 3250089 | 3238331 | 3242989 | 0.19   | cps   |
| Lithium    | 6-1   | 1365297 | 1349391 | 1304943 | 1339877 | 2.33   | cps   |
| Magnesium  | 24-2  | 77033   | 77671   | 77939   | 77548   | 0.60   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100678            | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P8       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-02-05 12:34:09 | DataFile Name :   | 012ICV.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 52538   | 51274   | 52355   | 52056   | 1.31   | cps   |
| Molybdenum | 94-1  | 508     | 392     | 375     | 425     | 17.09  | cps   |
| Molybdenum | 95-1  | 392     | 308     | 417     | 372     | 15.24  | cps   |
| Molybdenum | 96-1  | 542     | 442     | 467     | 483     | 10.77  | cps   |
| Molybdenum | 97-1  | 275     | 258     | 267     | 267     | 3.13   | cps   |
| Molybdenum | 98-1  | 458     | 467     | 542     | 489     | 9.39   | cps   |
| Neodymium  | 150-1 | 20      | 13      | 7       | 13      | 49.99  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 89076   | 89442   | 88674   | 89064   | 0.43   | cps   |
| Phosphorus | 31-2  | 8       | 33      | 33      | 25      | 57.75  | cps   |
| Potassium  | 39-2  | 97041   | 94760   | 95506   | 95769   | 1.21   | cps   |
| Rhodium    | 103-1 | 5588672 | 5691043 | 5350524 | 5543413 | 3.15   | cps   |
| Rhodium    | 103-2 | 2175035 | 2153556 | 2159483 | 2162691 | 0.51   | cps   |
| Scandium   | 45-1  | 4441590 | 4419477 | 4221702 | 4360923 | 2.78   | cps   |
| Scandium   | 45-2  | 63282   | 63724   | 62964   | 63323   | 0.60   | cps   |
| Selenium   | 77-2  | 417     | 353     | 297     | 356     | 16.88  | cps   |
| Selenium   | 78-2  | 1298    | 1196    | 1172    | 1222    | 5.47   | cps   |
| Selenium   | 82-1  | 29226   | 29306   | 29105   | 29212   | 0.34   | cps   |
| Silicon    | 28-1  | 533750  | 535151  | 554331  | 541077  | 2.13   | cps   |
| Silver     | 109-1 | 910118  | 895013  | 915919  | 907017  | 1.19   | cps   |
| Silver     | 107-1 | 964583  | 969944  | 973862  | 969463  | 0.48   | cps   |
| Sodium     | 23-2  | 317175  | 320627  | 314635  | 317479  | 0.95   | cps   |
| Strontium  | 86-1  | 7119    | 7694    | 7094    | 7302    | 4.65   | cps   |
| Strontium  | 88-1  | 52318   | 52368   | 53147   | 52611   | 0.88   | cps   |
| Sulfur     | 34-1  | 750967  | 747685  | 750377  | 749677  | 0.23   | cps   |
| Terbium    | 159-1 | 6147969 | 6115801 | 5953874 | 6072548 | 1.71   | cps   |
| Terbium    | 159-2 | 2132207 | 2140382 | 2135980 | 2136189 | 0.19   | cps   |
| Thallium   | 203-1 | 1008025 | 1007048 | 996153  | 1003742 | 0.66   | cps   |
| Thallium   | 205-1 | 2426019 | 2430383 | 2405127 | 2420510 | 0.56   | cps   |
| Tin        | 118-1 | 417     | 342     | 275     | 344     | 20.58  | cps   |
| Titanium   | 47-1  | 275     | 283     | 292     | 283     | 2.94   | cps   |
| Uranium    | 238-1 | 492     | 450     | 508     | 483     | 6.22   | cps   |
| Vanadium   | 51-2  | 117017  | 116930  | 116930  | 116959  | 0.04   | cps   |
| Yttrium    | 89-1  | 6630756 | 6643143 | 6353072 | 6542324 | 2.51   | cps   |
| Yttrium    | 89-2  | 379810  | 379944  | 382215  | 380656  | 0.36   | cps   |
| Zinc       | 66-2  | 55661   | 55963   | 55407   | 55677   | 0.50   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100678            | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P8       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-02-05 12:34:09 | DataFile Name :   | 012ICV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 450  | 575  | 550  | 525     | 12.60  | cps   |
| Zirconium | 91-1 | 300  | 442  | 350  | 364     | 19.74  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P8        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 12:39:06 | DataFile Name :   | 013CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 48      | 43      | 65      | 52      | 22.87  | cps   |
| Antimony   | 121-1 | 850     | 783     | 783     | 806     | 4.78   | cps   |
| Arsenic    | 75-2  | 19      | 19      | 13      | 17      | 19.26  | cps   |
| Barium     | 135-1 | 0       | 42      | 17      | 19      | 107.85 | cps   |
| Barium     | 137-1 | 50      | 25      | 17      | 31      | 56.77  | cps   |
| Beryllium  | 9-1   | 137     | 130     | 140     | 136     | 3.76   | cps   |
| Bismuth    | 209-1 | 3242819 | 3250089 | 3482971 | 3325293 | 4.11   | cps   |
| Bismuth    | 209-2 | 1432511 | 1470183 | 1526796 | 1476497 | 3.21   | cps   |
| Boron      | 10-1  | 1158    | 1300    | 1283    | 1247    | 6.21   | cps   |
| Boron      | 11-1  | 5643    | 5868    | 5451    | 5654    | 3.69   | cps   |
| Cadmium    | 111-1 | 1459    | 1500    | 1486    | 1482    | 1.40   | cps   |
| Cadmium    | 106-1 | 2075    | 2134    | 2092    | 2100    | 1.43   | cps   |
| Cadmium    | 108-1 | 8       | 8       | 4       | 7       | 34.59  | cps   |
| Calcium    | 43-1  | 1027    | 1113    | 1123    | 1088    | 4.89   | cps   |
| Calcium    | 44-1  | 45658   | 46367   | 46049   | 46024   | 0.77   | cps   |
| Chromium   | 52-2  | 1467    | 1530    | 1530    | 1509    | 2.42   | cps   |
| Cobalt     | 59-2  | 163     | 210     | 170     | 181     | 13.94  | cps   |
| Copper     | 63-2  | 800     | 713     | 827     | 780     | 7.60   | cps   |
| Dysprosium | 156-1 | 8       | 0       | 17      | 8       | 100.02 | cps   |
| Dysprosium | 156-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 67      | 17      | 8       | 31      | 103.26 | cps   |
| Erbium     | 164-2 | 3       | 7       | 0       | 3       | 100.05 | cps   |
| Gadolinium | 160-1 | 100     | 42      | 108     | 83      | 43.59  | cps   |
| Gadolinium | 160-2 | 17      | 13      | 3       | 11      | 62.48  | cps   |
| Holmium    | 165-1 | 5593810 | 5569487 | 5812878 | 5658725 | 2.37   | cps   |
| Holmium    | 165-2 | 2069661 | 2086141 | 2158026 | 2104609 | 2.23   | cps   |
| Indium     | 115-1 | 5426422 | 5481204 | 5714146 | 5540591 | 2.76   | cps   |
| Indium     | 115-2 | 454377  | 454225  | 483865  | 464156  | 3.68   | cps   |
| Iron       | 56-2  | 3089    | 2784    | 3117    | 2997    | 6.17   | cps   |
| Iron       | 57-2  | 83      | 94      | 100     | 93      | 9.16   | cps   |
| Krypton    | 83-1  | 827     | 843     | 767     | 812     | 4.96   | cps   |
| Lead       | 206-1 | 728     | 667     | 611     | 669     | 8.73   | cps   |
| Lead       | 207-1 | 544     | 567     | 600     | 570     | 4.90   | cps   |
| Lead       | 208-1 | 2661    | 2622    | 2467    | 2584    | 3.98   | cps   |
| Lithium    | 6-1   | 1319952 | 1308379 | 1357448 | 1328593 | 1.93   | cps   |
| Magnesium  | 24-2  | 417     | 492     | 417     | 442     | 9.80   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P8        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 12:39:06 | DataFile Name :   | 013CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 73      | 27      | 73      | 58      | 46.63  | cps   |
| Molybdenum | 94-1  | 250     | 225     | 225     | 233     | 6.19   | cps   |
| Molybdenum | 95-1  | 125     | 217     | 158     | 167     | 27.84  | cps   |
| Molybdenum | 96-1  | 233     | 167     | 217     | 206     | 16.88  | cps   |
| Molybdenum | 97-1  | 117     | 67      | 117     | 100     | 28.87  | cps   |
| Molybdenum | 98-1  | 142     | 250     | 208     | 200     | 27.33  | cps   |
| Neodymium  | 150-1 | 7       | 7       | 7       | 7       | 0.00   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 60      | 83      | 60      | 68      | 19.88  | cps   |
| Phosphorus | 31-2  | 25      | 25      | 17      | 22      | 21.64  | cps   |
| Potassium  | 39-2  | 8895    | 9145    | 9078    | 9039    | 1.43   | cps   |
| Rhodium    | 103-1 | 5530842 | 5556536 | 5685923 | 5591101 | 1.49   | cps   |
| Rhodium    | 103-2 | 2061253 | 2080777 | 2222828 | 2121619 | 4.16   | cps   |
| Scandium   | 45-1  | 4366977 | 4379910 | 4544522 | 4430470 | 2.23   | cps   |
| Scandium   | 45-2  | 61484   | 61872   | 64893   | 62749   | 2.97   | cps   |
| Selenium   | 77-2  | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 4       | 4       | 2       | 3       | 34.64  | cps   |
| Selenium   | 82-1  | 2       | -43     | 83      | 14      | 466.26 | cps   |
| Silicon    | 28-1  | 522372  | 525372  | 520516  | 522753  | 0.47   | cps   |
| Silver     | 109-1 | 475     | 608     | 450     | 511     | 16.65  | cps   |
| Silver     | 107-1 | 583     | 458     | 600     | 547     | 14.15  | cps   |
| Sodium     | 23-2  | 19539   | 18813   | 19130   | 19161   | 1.90   | cps   |
| Strontium  | 86-1  | 1383    | 1350    | 1167    | 1300    | 8.97   | cps   |
| Strontium  | 88-1  | 83      | 67      | 83      | 78      | 12.37  | cps   |
| Sulfur     | 34-1  | 777618  | 771527  | 773300  | 774149  | 0.40   | cps   |
| Terbium    | 159-1 | 5937827 | 6048279 | 6120536 | 6035548 | 1.52   | cps   |
| Terbium    | 159-2 | 2027778 | 2037265 | 2162849 | 2075964 | 3.63   | cps   |
| Thallium   | 203-1 | 58      | 67      | 83      | 69      | 18.33  | cps   |
| Thallium   | 205-1 | 242     | 175     | 133     | 183     | 29.81  | cps   |
| Tin        | 118-1 | 342     | 350     | 408     | 367     | 9.91   | cps   |
| Titanium   | 47-1  | 250     | 233     | 250     | 244     | 3.93   | cps   |
| Uranium    | 238-1 | 50      | 42      | 50      | 47      | 10.18  | cps   |
| Vanadium   | 51-2  | 27      | 30      | 20      | 26      | 19.92  | cps   |
| Yttrium    | 89-1  | 6409447 | 6470963 | 6712885 | 6531098 | 2.46   | cps   |
| Yttrium    | 89-2  | 364435  | 366525  | 390250  | 373737  | 3.84   | cps   |
| Zinc       | 66-2  | 93      | 87      | 87      | 89      | 4.33   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P8        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 12:39:06 | DataFile Name :   | 013CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 333  | 433  | 475  | 414     | 17.59  | cps   |
| Zirconium | 91-1 | 83   | 92   | 17   | 64      | 64.34  | cps   |

LB Number : LB100678 Operator : Jaswal  
 Lab Sample ID : ICSA Instrumnet Name : P8  
 Client Sample ID : ICSA Dilution Factor : 1  
 Date & Time Acquired :: 2019-02-05 12:42:35 DataFile Name : 014ICSA.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 1336911   | 1327694   | 1326645   | 1330416   | 0.42   | cps   |
| Antimony   | 121-1 | 9404      | 10513     | 9771      | 9896      | 5.71   | cps   |
| Arsenic    | 75-2  | 78        | 50        | 52        | 60        | 25.94  | cps   |
| Barium     | 135-1 | 2600      | 2700      | 2684      | 2662      | 2.01   | cps   |
| Barium     | 137-1 | 4351      | 4051      | 4251      | 4218      | 3.62   | cps   |
| Beryllium  | 9-1   | 573       | 697       | 677       | 649       | 10.20  | cps   |
| Bismuth    | 209-1 | 3295959   | 3195149   | 3290824   | 3260644   | 1.74   | cps   |
| Bismuth    | 209-2 | 1405803   | 1424404   | 1437742   | 1422650   | 1.13   | cps   |
| Boron      | 10-1  | 1250      | 1192      | 1267      | 1236      | 3.19   | cps   |
| Boron      | 11-1  | 5710      | 5159      | 5318      | 5396      | 5.25   | cps   |
| Cadmium    | 111-1 | 2185      | 2442      | 2396      | 2341      | 5.86   | cps   |
| Cadmium    | 106-1 | 1900      | 2017      | 1967      | 1961      | 2.98   | cps   |
| Cadmium    | 108-1 | 1863      | 1713      | 1854      | 1810      | 4.66   | cps   |
| Calcium    | 43-1  | 2521547   | 2541341   | 2533804   | 2532231   | 0.39   | cps   |
| Calcium    | 44-1  | 41623408  | 41433174  | 41775353  | 41610645  | 0.41   | cps   |
| Chromium   | 52-2  | 32852     | 33129     | 33173     | 33051     | 0.53   | cps   |
| Cobalt     | 59-2  | 3607      | 3347      | 3460      | 3472      | 3.76   | cps   |
| Copper     | 63-2  | 20235     | 20295     | 19995     | 20175     | 0.79   | cps   |
| Dysprosium | 156-1 | 42        | 17        | 25        | 28        | 45.82  | cps   |
| Dysprosium | 156-2 | 13        | 17        | 10        | 13        | 25.01  | cps   |
| Erbium     | 164-1 | 50        | 58        | 42        | 50        | 16.67  | cps   |
| Erbium     | 164-2 | 10        | 3         | 7         | 7         | 50.03  | cps   |
| Gadolinium | 160-1 | 58        | 83        | 67        | 69        | 18.33  | cps   |
| Gadolinium | 160-2 | 20        | 30        | 30        | 27        | 21.65  | cps   |
| Holmium    | 165-1 | 5740405   | 5790972   | 5750187   | 5760521   | 0.47   | cps   |
| Holmium    | 165-2 | 2087401   | 2092406   | 2123222   | 2101010   | 0.92   | cps   |
| Indium     | 115-1 | 5498350   | 5532563   | 5633922   | 5554945   | 1.27   | cps   |
| Indium     | 115-2 | 458134    | 460146    | 461101    | 459794    | 0.33   | cps   |
| Iron       | 56-2  | 107719072 | 106057766 | 106230377 | 106669072 | 0.86   | cps   |
| Iron       | 57-2  | 2708737   | 2652076   | 2650094   | 2670302   | 1.25   | cps   |
| Krypton    | 83-1  | 907       | 917       | 903       | 909       | 0.76   | cps   |
| Lead       | 206-1 | 19282     | 19911     | 19705     | 19632     | 1.63   | cps   |
| Lead       | 207-1 | 15805     | 15282     | 15004     | 15363     | 2.65   | cps   |
| Lead       | 208-1 | 74019     | 73484     | 73758     | 73754     | 0.36   | cps   |
| Lithium    | 6-1   | 1325661   | 1356353   | 1353002   | 1345005   | 1.25   | cps   |
| Magnesium  | 24-2  | 6122881   | 6162632   | 6135590   | 6140368   | 0.33   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 12:42:35 | DataFile Name :   | 014ICSA.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 4014     | 3924     | 3947     | 3962     | 1.18   | cps   |
| Molybdenum | 94-1  | 4510770  | 4422480  | 4441976  | 4458409  | 1.04   | cps   |
| Molybdenum | 95-1  | 7735061  | 7631463  | 7636842  | 7667788  | 0.76   | cps   |
| Molybdenum | 96-1  | 8151674  | 8151908  | 8235305  | 8179629  | 0.59   | cps   |
| Molybdenum | 97-1  | 4872273  | 4840461  | 4892935  | 4868557  | 0.54   | cps   |
| Molybdenum | 98-1  | 12110859 | 12310830 | 12157209 | 12192966 | 0.86   | cps   |
| Neodymium  | 150-1 | 53       | 20       | 27       | 33       | 52.92  | cps   |
| Neodymium  | 150-2 | 3        | 0        | 10       | 4        | 114.60 | cps   |
| Nickel     | 60-2  | 4517     | 4718     | 4641     | 4625     | 2.18   | cps   |
| Phosphorus | 31-2  | 114394   | 114250   | 113184   | 113943   | 0.58   | cps   |
| Potassium  | 39-2  | 4187771  | 4144580  | 4155168  | 4162506  | 0.54   | cps   |
| Rhodium    | 103-1 | 5442697  | 5361285  | 5417117  | 5407033  | 0.77   | cps   |
| Rhodium    | 103-2 | 2020655  | 2039448  | 2054950  | 2038351  | 0.84   | cps   |
| Scandium   | 45-1  | 4409217  | 4407497  | 4432930  | 4416548  | 0.32   | cps   |
| Scandium   | 45-2  | 61484    | 62435    | 62475    | 62131    | 0.90   | cps   |
| Selenium   | 77-2  | 3        | 3        | 3        | 3        | 0.00   | cps   |
| Selenium   | 78-2  | 7        | 7        | 0        | 5        | 86.60  | cps   |
| Selenium   | 82-1  | -17      | -93      | -111     | -74      | -68.16 | cps   |
| Silicon    | 28-1  | 736282   | 740823   | 738249   | 738451   | 0.31   | cps   |
| Silver     | 109-1 | 1934     | 2184     | 2200     | 2106     | 7.09   | cps   |
| Silver     | 107-1 | 2217     | 2417     | 2217     | 2284     | 5.06   | cps   |
| Sodium     | 23-2  | 14468196 | 14409306 | 14507177 | 14461560 | 0.34   | cps   |
| Strontium  | 86-1  | 89610    | 89033    | 91220    | 89954    | 1.26   | cps   |
| Strontium  | 88-1  | 762946   | 762714   | 763219   | 762960   | 0.03   | cps   |
| Sulfur     | 34-1  | 4102718  | 4060217  | 4098631  | 4087189  | 0.57   | cps   |
| Terbium    | 159-1 | 6067210  | 6011150  | 6075422  | 6051260  | 0.58   | cps   |
| Terbium    | 159-2 | 2101632  | 2105467  | 2112421  | 2106507  | 0.26   | cps   |
| Thallium   | 203-1 | 317      | 417      | 317      | 350      | 16.50  | cps   |
| Thallium   | 205-1 | 917      | 642      | 858      | 806      | 17.99  | cps   |
| Tin        | 118-1 | 1158     | 1258     | 1200     | 1206     | 4.17   | cps   |
| Titanium   | 47-1  | 2555326  | 2557354  | 2504308  | 2538996  | 1.18   | cps   |
| Uranium    | 238-1 | 408      | 283      | 275      | 322      | 23.18  | cps   |
| Vanadium   | 51-2  | 187      | 180      | 177      | 181      | 2.81   | cps   |
| Yttrium    | 89-1  | 6612973  | 6538551  | 6583214  | 6578246  | 0.57   | cps   |
| Yttrium    | 89-2  | 367370   | 368469   | 370474   | 368771   | 0.43   | cps   |
| Zinc       | 66-2  | 3734     | 3827     | 3767     | 3776     | 1.25   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 12:42:35 | DataFile Name :   | 014ICSA.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 708  | 883  | 758  | 783     | 11.51  | cps   |
| Zirconium | 91-1 | 183  | 200  | 167  | 183     | 9.09   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 12:45:56 | DataFile Name :   | 015ICSB.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 1336179   | 1317605   | 1335839   | 1329874   | 0.80   | cps   |
| Antimony   | 121-1 | 180406    | 179727    | 179870    | 180001    | 0.20   | cps   |
| Arsenic    | 75-2  | 3825      | 3867      | 3686      | 3793      | 2.50   | cps   |
| Barium     | 135-1 | 37814     | 37446     | 37521     | 37593     | 0.52   | cps   |
| Barium     | 137-1 | 63897     | 65203     | 64525     | 64542     | 1.01   | cps   |
| Beryllium  | 9-1   | 41567     | 42416     | 41791     | 41924     | 1.05   | cps   |
| Bismuth    | 209-1 | 3402828   | 3328132   | 3393204   | 3374722   | 1.20   | cps   |
| Bismuth    | 209-2 | 1445147   | 1455978   | 1457007   | 1452711   | 0.45   | cps   |
| Boron      | 10-1  | 18813     | 19514     | 19013     | 19113     | 1.89   | cps   |
| Boron      | 11-1  | 89898     | 89881     | 89109     | 89629     | 0.50   | cps   |
| Cadmium    | 111-1 | 43836     | 43959     | 44029     | 43941     | 0.22   | cps   |
| Cadmium    | 106-1 | 7969      | 7911      | 8094      | 7992      | 1.17   | cps   |
| Cadmium    | 108-1 | 5435      | 5326      | 5259      | 5340      | 1.65   | cps   |
| Calcium    | 43-1  | 2591393   | 2625945   | 2656895   | 2624745   | 1.25   | cps   |
| Calcium    | 44-1  | 42454196  | 42252416  | 42955707  | 42554106  | 0.85   | cps   |
| Chromium   | 52-2  | 64197     | 63935     | 62713     | 63615     | 1.24   | cps   |
| Cobalt     | 59-2  | 61465     | 61676     | 62332     | 61824     | 0.73   | cps   |
| Copper     | 63-2  | 67969     | 68387     | 67885     | 68080     | 0.40   | cps   |
| Dysprosium | 156-1 | 17        | 58        | 25        | 33        | 66.14  | cps   |
| Dysprosium | 156-2 | 10        | 13        | 0         | 8         | 89.21  | cps   |
| Erbium     | 164-1 | 100       | 67        | 108       | 92        | 24.05  | cps   |
| Erbium     | 164-2 | 13        | 20        | 17        | 17        | 20.01  | cps   |
| Gadolinium | 160-1 | 83        | 67        | 100       | 83        | 20.00  | cps   |
| Gadolinium | 160-2 | 27        | 13        | 27        | 22        | 34.66  | cps   |
| Holmium    | 165-1 | 5918752   | 5958659   | 5893821   | 5923744   | 0.55   | cps   |
| Holmium    | 165-2 | 2136669   | 2178384   | 2147369   | 2154141   | 1.01   | cps   |
| Indium     | 115-1 | 5690652   | 5672827   | 5745034   | 5702838   | 0.66   | cps   |
| Indium     | 115-2 | 458992    | 461506    | 460828    | 460442    | 0.28   | cps   |
| Iron       | 56-2  | 107807789 | 107991575 | 108842983 | 108214115 | 0.51   | cps   |
| Iron       | 57-2  | 2684597   | 2720562   | 2725411   | 2710190   | 0.82   | cps   |
| Krypton    | 83-1  | 897       | 860       | 757       | 838       | 8.67   | cps   |
| Lead       | 206-1 | 103671    | 102719    | 103772    | 103387    | 0.56   | cps   |
| Lead       | 207-1 | 85967     | 85090     | 84340     | 85133     | 0.96   | cps   |
| Lead       | 208-1 | 400342    | 395197    | 394536    | 396691    | 0.80   | cps   |
| Lithium    | 6-1   | 1389620   | 1439728   | 1450303   | 1426550   | 2.27   | cps   |
| Magnesium  | 24-2  | 6207217   | 6217936   | 6192040   | 6205731   | 0.21   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 12:45:56 | DataFile Name :   | 015ICSB.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 14424    | 14288    | 14141    | 14284    | 0.99   | cps   |
| Molybdenum | 94-1  | 5051566  | 5023772  | 5099626  | 5058321  | 0.76   | cps   |
| Molybdenum | 95-1  | 8175197  | 8345582  | 8273025  | 8264601  | 1.03   | cps   |
| Molybdenum | 96-1  | 8701276  | 8811012  | 8810905  | 8774398  | 0.72   | cps   |
| Molybdenum | 97-1  | 5095711  | 5077952  | 5183576  | 5119079  | 1.10   | cps   |
| Molybdenum | 98-1  | 12880883 | 12962869 | 13294167 | 13045973 | 1.68   | cps   |
| Neodymium  | 150-1 | 27       | 20       | 80       | 42       | 77.88  | cps   |
| Neodymium  | 150-2 | 7        | 17       | 10       | 11       | 45.82  | cps   |
| Nickel     | 60-2  | 21680    | 21634    | 21407    | 21574    | 0.68   | cps   |
| Phosphorus | 31-2  | 115225   | 113344   | 114427   | 114332   | 0.83   | cps   |
| Potassium  | 39-2  | 4135329  | 4162873  | 4175924  | 4158042  | 0.50   | cps   |
| Rhodium    | 103-1 | 5475884  | 5406242  | 5493118  | 5458415  | 0.84   | cps   |
| Rhodium    | 103-2 | 2067512  | 2055878  | 2065403  | 2062931  | 0.30   | cps   |
| Scandium   | 45-1  | 4451356  | 4387778  | 4498790  | 4445975  | 1.25   | cps   |
| Scandium   | 45-2  | 62726    | 61762    | 61973    | 62153    | 0.82   | cps   |
| Selenium   | 77-2  | 27       | 43       | 23       | 31       | 34.44  | cps   |
| Selenium   | 78-2  | 119      | 131      | 96       | 115      | 15.41  | cps   |
| Selenium   | 82-1  | 2774     | 2723     | 3019     | 2839     | 5.57   | cps   |
| Silicon    | 28-1  | 1041768  | 1050458  | 1061471  | 1051233  | 0.94   | cps   |
| Silver     | 109-1 | 175008   | 176168   | 174686   | 175288   | 0.44   | cps   |
| Silver     | 107-1 | 186856   | 185502   | 188266   | 186875   | 0.74   | cps   |
| Sodium     | 23-2  | 14681470 | 14574848 | 14587186 | 14614501 | 0.40   | cps   |
| Strontium  | 86-1  | 258670   | 259183   | 257077   | 258310   | 0.43   | cps   |
| Strontium  | 88-1  | 2241955  | 2225711  | 2234488  | 2234052  | 0.36   | cps   |
| Sulfur     | 34-1  | 4192240  | 4184633  | 4252410  | 4209761  | 0.88   | cps   |
| Terbium    | 159-1 | 6123313  | 6188004  | 6353322  | 6221546  | 1.91   | cps   |
| Terbium    | 159-2 | 2168632  | 2130558  | 2143691  | 2147627  | 0.90   | cps   |
| Thallium   | 203-1 | 102966   | 101512   | 102807   | 102428   | 0.78   | cps   |
| Thallium   | 205-1 | 240441   | 238261   | 247362   | 242022   | 1.96   | cps   |
| Tin        | 118-1 | 364726   | 355380   | 364477   | 361527   | 1.47   | cps   |
| Titanium   | 47-1  | 2675944  | 2673664  | 2710945  | 2686851  | 0.78   | cps   |
| Uranium    | 238-1 | 916663   | 915969   | 917488   | 916707   | 0.08   | cps   |
| Vanadium   | 51-2  | 23129    | 22552    | 22825    | 22835    | 1.27   | cps   |
| Yttrium    | 89-1  | 6712356  | 6799773  | 6776164  | 6762764  | 0.67   | cps   |
| Yttrium    | 89-2  | 371000   | 367790   | 371087   | 369959   | 0.51   | cps   |
| Zinc       | 66-2  | 9530     | 9440     | 9320     | 9430     | 1.12   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 12:45:56 | DataFile Name :   | 015ICSB.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 90-1 | 878068 | 887847 | 889020 | 884979  | 0.68   | cps   |
| Zirconium | 91-1 | 195732 | 195501 | 196411 | 195881  | 0.24   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100678            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV070              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV070              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-02-05 12:49:19 | DataFile Name :   | 016CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 818377    | 814602    | 820790    | 817923    | 0.38   | cps   |
| Antimony   | 121-1 | 4605243   | 4373997   | 4493501   | 4490914   | 2.58   | cps   |
| Arsenic    | 75-2  | 102090    | 101924    | 102054    | 102023    | 0.09   | cps   |
| Barium     | 135-1 | 4604434   | 4461064   | 4506625   | 4524041   | 1.62   | cps   |
| Barium     | 137-1 | 7700139   | 7676145   | 7770803   | 7715695   | 0.64   | cps   |
| Beryllium  | 9-1   | 1099297   | 1052114   | 1070400   | 1073937   | 2.22   | cps   |
| Bismuth    | 209-1 | 3378410   | 3264087   | 3331490   | 3324662   | 1.73   | cps   |
| Bismuth    | 209-2 | 1390455   | 1393286   | 1427035   | 1403592   | 1.45   | cps   |
| Boron      | 10-1  | 132760    | 130261    | 133382    | 132134    | 1.25   | cps   |
| Boron      | 11-1  | 617747    | 626370    | 624909    | 623009    | 0.74   | cps   |
| Cadmium    | 111-1 | 1050032   | 1043052   | 1035523   | 1042869   | 0.70   | cps   |
| Cadmium    | 106-1 | 113316    | 114618    | 113821    | 113918    | 0.58   | cps   |
| Cadmium    | 108-1 | 77509     | 77321     | 76583     | 77138     | 0.63   | cps   |
| Calcium    | 43-1  | 6580221   | 6369375   | 6612463   | 6520686   | 2.02   | cps   |
| Calcium    | 44-1  | 108705495 | 106125622 | 108074695 | 107635271 | 1.25   | cps   |
| Chromium   | 52-2  | 817686    | 816464    | 813257    | 815802    | 0.28   | cps   |
| Cobalt     | 59-2  | 1560820   | 1532472   | 1545617   | 1546303   | 0.92   | cps   |
| Copper     | 63-2  | 2388539   | 2407311   | 2395851   | 2397234   | 0.39   | cps   |
| Dysprosium | 156-1 | 83        | 142       | 50        | 92        | 50.62  | cps   |
| Dysprosium | 156-2 | 3         | 7         | 7         | 6         | 34.70  | cps   |
| Erbium     | 164-1 | 67        | 42        | 42        | 50        | 28.87  | cps   |
| Erbium     | 164-2 | 17        | 10        | 10        | 12        | 31.50  | cps   |
| Gadolinium | 160-1 | 142       | 58        | 100       | 100       | 41.66  | cps   |
| Gadolinium | 160-2 | 33        | 20        | 37        | 30        | 29.40  | cps   |
| Holmium    | 165-1 | 5969211   | 5775075   | 5916540   | 5886942   | 1.71   | cps   |
| Holmium    | 165-2 | 2090358   | 2143337   | 2176500   | 2136732   | 2.03   | cps   |
| Indium     | 115-1 | 5678372   | 5524796   | 5576846   | 5593338   | 1.40   | cps   |
| Indium     | 115-2 | 452698    | 453808    | 455463    | 453990    | 0.31   | cps   |
| Iron       | 56-2  | 138975948 | 139434642 | 140649003 | 139686531 | 0.62   | cps   |
| Iron       | 57-2  | 3473155   | 3468950   | 3472308   | 3471471   | 0.06   | cps   |
| Krypton    | 83-1  | 953       | 743       | 740       | 812       | 15.05  | cps   |
| Lead       | 206-1 | 2074853   | 2000437   | 2049635   | 2041641   | 1.85   | cps   |
| Lead       | 207-1 | 1873034   | 1848519   | 1838147   | 1853233   | 0.97   | cps   |
| Lead       | 208-1 | 8447855   | 8249750   | 8352879   | 8350161   | 1.19   | cps   |
| Lithium    | 6-1   | 1402717   | 1377027   | 1403157   | 1394300   | 1.07   | cps   |
| Magnesium  | 24-2  | 15954770  | 15881335  | 15999992  | 15945366  | 0.38   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100678            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV070              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV070              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-02-05 12:49:19 | DataFile Name :   | 016CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 542756   | 540379   | 547822   | 543652   | 0.70   | cps   |
| Molybdenum | 94-1  | 8934428  | 8630612  | 8816474  | 8793838  | 1.74   | cps   |
| Molybdenum | 95-1  | 10977494 | 10809358 | 10952663 | 10913172 | 0.83   | cps   |
| Molybdenum | 96-1  | 12242933 | 11931690 | 11900973 | 12025198 | 1.57   | cps   |
| Molybdenum | 97-1  | 6961535  | 6679053  | 6787149  | 6809246  | 2.09   | cps   |
| Molybdenum | 98-1  | 17662513 | 17353795 | 17378333 | 17464880 | 0.98   | cps   |
| Neodymium  | 150-1 | 280      | 240      | 320      | 280      | 14.29  | cps   |
| Neodymium  | 150-2 | 17       | 3        | 20       | 13       | 66.16  | cps   |
| Nickel     | 60-2  | 433399   | 431982   | 436959   | 434113   | 0.59   | cps   |
| Phosphorus | 31-2  | 11905    | 12006    | 12465    | 12125    | 2.46   | cps   |
| Potassium  | 39-2  | 5474698  | 5498137  | 5469876  | 5480904  | 0.28   | cps   |
| Rhodium    | 103-1 | 5387167  | 5430178  | 5423476  | 5413607  | 0.43   | cps   |
| Rhodium    | 103-2 | 2024439  | 2018127  | 2050813  | 2031126  | 0.85   | cps   |
| Scandium   | 45-1  | 4596682  | 4557753  | 4607708  | 4587381  | 0.57   | cps   |
| Scandium   | 45-2  | 64672    | 64705    | 65478    | 64952    | 0.70   | cps   |
| Selenium   | 77-2  | 913      | 877      | 843      | 878      | 3.99   | cps   |
| Selenium   | 78-2  | 3023     | 3058     | 2936     | 3005     | 2.09   | cps   |
| Selenium   | 82-1  | 75819    | 73750    | 74387    | 74652    | 1.42   | cps   |
| Silicon    | 28-1  | 3133607  | 3089162  | 3139161  | 3120643  | 0.88   | cps   |
| Silver     | 109-1 | 4659775  | 4647976  | 4616283  | 4641345  | 0.48   | cps   |
| Silver     | 107-1 | 4864577  | 4880133  | 4911083  | 4885265  | 0.48   | cps   |
| Sodium     | 23-2  | 37225229 | 37205830 | 37469965 | 37300341 | 0.39   | cps   |
| Strontium  | 86-1  | 1615739  | 1600786  | 1617318  | 1611281  | 0.57   | cps   |
| Strontium  | 88-1  | 13471473 | 13272793 | 13634710 | 13459659 | 1.35   | cps   |
| Sulfur     | 34-1  | 1167705  | 1163694  | 1161384  | 1164261  | 0.27   | cps   |
| Terbium    | 159-1 | 6375997  | 6241341  | 6233980  | 6283773  | 1.27   | cps   |
| Terbium    | 159-2 | 2159396  | 2155293  | 2158243  | 2157644  | 0.10   | cps   |
| Thallium   | 203-1 | 2659340  | 2537041  | 2624129  | 2606837  | 2.42   | cps   |
| Thallium   | 205-1 | 6138799  | 5989053  | 6171094  | 6099649  | 1.59   | cps   |
| Tin        | 118-1 | 3174331  | 3049164  | 3111504  | 3111667  | 2.01   | cps   |
| Titanium   | 47-1  | 3406775  | 3355354  | 3401419  | 3387849  | 0.83   | cps   |
| Uranium    | 238-1 | 7491140  | 7413410  | 7441844  | 7448798  | 0.53   | cps   |
| Vanadium   | 51-2  | 612138   | 612012   | 616868   | 613673   | 0.45   | cps   |
| Yttrium    | 89-1  | 6879875  | 6706814  | 6841567  | 6809419  | 1.33   | cps   |
| Yttrium    | 89-2  | 380023   | 377059   | 379858   | 378980   | 0.44   | cps   |
| Zinc       | 66-2  | 273558   | 274357   | 276250   | 274722   | 0.50   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100678            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV070              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV070              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-02-05 12:49:19 | DataFile Name :   | 016CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 7149797 | 6884420 | 7095001 | 7043073 | 1.99   | cps   |
| Zirconium | 91-1 | 1584830 | 1559221 | 1584636 | 1576229 | 0.93   | cps   |

LB Number : LB100678 Operator : Jaswal  
 Lab Sample ID : CCB070 Instrumnet Name : P8  
 Client Sample ID : CCB070 Dilution Factor : 1  
 Date & Time Acquired :: 2019-02-05 13:00:05 DataFile Name : 017CCBE.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 73      | 55      | 30      | 53      | 40.68  | cps   |
| Antimony   | 121-1 | 992     | 892     | 1175    | 1020    | 14.10  | cps   |
| Arsenic    | 75-2  | 13      | 11      | 7       | 10      | 26.93  | cps   |
| Barium     | 135-1 | 50      | 33      | 25      | 36      | 35.25  | cps   |
| Barium     | 137-1 | 75      | 42      | 33      | 50      | 44.10  | cps   |
| Beryllium  | 9-1   | 103     | 137     | 120     | 120     | 13.89  | cps   |
| Bismuth    | 209-1 | 3472447 | 3431181 | 3497788 | 3467139 | 0.97   | cps   |
| Bismuth    | 209-2 | 1505930 | 1484413 | 1503468 | 1497937 | 0.79   | cps   |
| Boron      | 10-1  | 1267    | 1108    | 1092    | 1156    | 8.36   | cps   |
| Boron      | 11-1  | 4934    | 5151    | 4701    | 4929    | 4.57   | cps   |
| Cadmium    | 111-1 | 1465    | 1278    | 1389    | 1378    | 6.81   | cps   |
| Cadmium    | 106-1 | 2075    | 1817    | 1967    | 1953    | 6.64   | cps   |
| Cadmium    | 108-1 | 0       | 8       | 13      | 7       | 91.66  | cps   |
| Calcium    | 43-1  | 927     | 1133    | 953     | 1004    | 11.19  | cps   |
| Calcium    | 44-1  | 48152   | 48032   | 47470   | 47885   | 0.76   | cps   |
| Chromium   | 52-2  | 1510    | 1373    | 1473    | 1452    | 4.87   | cps   |
| Cobalt     | 59-2  | 153     | 133     | 123     | 137     | 11.18  | cps   |
| Copper     | 63-2  | 817     | 873     | 850     | 847     | 3.36   | cps   |
| Dysprosium | 156-1 | 17      | 0       | 25      | 14      | 91.65  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 67      | 8       | 25      | 33      | 90.15  | cps   |
| Erbium     | 164-2 | 3       | 17      | 7       | 9       | 78.08  | cps   |
| Gadolinium | 160-1 | 58      | 117     | 75      | 83      | 36.05  | cps   |
| Gadolinium | 160-2 | 10      | 7       | 10      | 9       | 21.63  | cps   |
| Holmium    | 165-1 | 5847624 | 5760966 | 5905793 | 5838127 | 1.25   | cps   |
| Holmium    | 165-2 | 2137017 | 2133285 | 2160862 | 2143721 | 0.70   | cps   |
| Indium     | 115-1 | 5623891 | 5610541 | 5756224 | 5663552 | 1.42   | cps   |
| Indium     | 115-2 | 467577  | 459597  | 463172  | 463449  | 0.86   | cps   |
| Iron       | 56-2  | 3062    | 3106    | 2973    | 3047    | 2.23   | cps   |
| Iron       | 57-2  | 94      | 83      | 100     | 93      | 9.16   | cps   |
| Krypton    | 83-1  | 877     | 837     | 783     | 832     | 5.63   | cps   |
| Lead       | 206-1 | 756     | 728     | 728     | 737     | 2.18   | cps   |
| Lead       | 207-1 | 589     | 572     | 606     | 589     | 2.83   | cps   |
| Lead       | 208-1 | 2911    | 2800    | 2772    | 2828    | 2.60   | cps   |
| Lithium    | 6-1   | 1356444 | 1333131 | 1349207 | 1346261 | 0.89   | cps   |
| Magnesium  | 24-2  | 500     | 392     | 450     | 447     | 12.12  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB070              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB070              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:00:05 | DataFile Name :   | 017CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Manganese  | 55-2  | 47      | 83      | 40      | 57      | 41.18   | cps   |
| Molybdenum | 94-1  | 358     | 467     | 500     | 442     | 16.77   | cps   |
| Molybdenum | 95-1  | 383     | 325     | 433     | 381     | 14.25   | cps   |
| Molybdenum | 96-1  | 367     | 450     | 408     | 408     | 10.20   | cps   |
| Molybdenum | 97-1  | 275     | 275     | 275     | 275     | 0.00    | cps   |
| Molybdenum | 98-1  | 717     | 625     | 625     | 656     | 8.07    | cps   |
| Neodymium  | 150-1 | 7       | 7       | 7       | 7       | 0.00    | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Nickel     | 60-2  | 53      | 47      | 60      | 53      | 12.50   | cps   |
| Phosphorus | 31-2  | 17      | 42      | 25      | 28      | 45.82   | cps   |
| Potassium  | 39-2  | 8978    | 9187    | 9203    | 9123    | 1.38    | cps   |
| Rhodium    | 103-1 | 5730506 | 5652747 | 5738124 | 5707125 | 0.83    | cps   |
| Rhodium    | 103-2 | 2162896 | 2134477 | 2153409 | 2150261 | 0.67    | cps   |
| Scandium   | 45-1  | 4422134 | 4399272 | 4443940 | 4421782 | 0.51    | cps   |
| Scandium   | 45-2  | 62167   | 61614   | 62203   | 61995   | 0.53    | cps   |
| Selenium   | 77-2  | 3       | 0       | 0       | 1       | 173.21  | cps   |
| Selenium   | 78-2  | 6       | 6       | 7       | 6       | 17.29   | cps   |
| Selenium   | 82-1  | -42     | -89     | 44      | -29     | -232.03 | cps   |
| Silicon    | 28-1  | 512999  | 519513  | 517491  | 516668  | 0.65    | cps   |
| Silver     | 109-1 | 392     | 350     | 383     | 375     | 5.88    | cps   |
| Silver     | 107-1 | 508     | 542     | 442     | 497     | 10.24   | cps   |
| Sodium     | 23-2  | 17453   | 17612   | 17845   | 17637   | 1.12    | cps   |
| Strontium  | 86-1  | 1258    | 1567    | 1183    | 1336    | 15.21   | cps   |
| Strontium  | 88-1  | 150     | 100     | 33      | 94      | 61.98   | cps   |
| Sulfur     | 34-1  | 801796  | 803082  | 799634  | 801504  | 0.22    | cps   |
| Terbium    | 159-1 | 6301954 | 6100228 | 6217051 | 6206411 | 1.63    | cps   |
| Terbium    | 159-2 | 2127253 | 2144831 | 2114769 | 2128951 | 0.71    | cps   |
| Thallium   | 203-1 | 375     | 433     | 375     | 394     | 8.54    | cps   |
| Thallium   | 205-1 | 1008    | 1092    | 1050    | 1050    | 3.97    | cps   |
| Tin        | 118-1 | 258     | 325     | 508     | 364     | 35.59   | cps   |
| Titanium   | 47-1  | 275     | 275     | 275     | 275     | 0.00    | cps   |
| Uranium    | 238-1 | 83      | 58      | 50      | 64      | 27.15   | cps   |
| Vanadium   | 51-2  | 7       | 33      | 10      | 17      | 87.16   | cps   |
| Yttrium    | 89-1  | 6748500 | 6565186 | 6657617 | 6657101 | 1.38    | cps   |
| Yttrium    | 89-2  | 373888  | 371132  | 368725  | 371248  | 0.70    | cps   |
| Zinc       | 66-2  | 70      | 90      | 53      | 71      | 25.82   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB070              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB070              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:00:05 | DataFile Name :   | 017CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 533  | 550  | 725  | 603     | 17.62  | cps   |
| Zirconium | 91-1 | 117  | 133  | 150  | 133     | 12.50  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:03:34 | DataFile Name :   | 018LLCC.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 345     | 353     | 388     | 362     | 6.27   | cps   |
| Antimony   | 121-1 | 17061   | 16719   | 16252   | 16678   | 2.44   | cps   |
| Arsenic    | 75-2  | 217     | 228     | 209     | 218     | 4.28   | cps   |
| Barium     | 135-1 | 17462   | 17304   | 17312   | 17359   | 0.51   | cps   |
| Barium     | 137-1 | 30311   | 30369   | 30002   | 30227   | 0.65   | cps   |
| Beryllium  | 9-1   | 2024    | 2227    | 2060    | 2104    | 5.15   | cps   |
| Bismuth    | 209-1 | 3446587 | 3438278 | 3478898 | 3454588 | 0.62   | cps   |
| Bismuth    | 209-2 | 1508388 | 1514204 | 1502277 | 1508290 | 0.40   | cps   |
| Boron      | 10-1  | 6927    | 7277    | 6819    | 7008    | 3.42   | cps   |
| Boron      | 11-1  | 32797   | 33448   | 32304   | 32850   | 1.75   | cps   |
| Cadmium    | 111-1 | 3391    | 3247    | 3097    | 3245    | 4.53   | cps   |
| Cadmium    | 106-1 | 2075    | 2059    | 2000    | 2045    | 1.93   | cps   |
| Cadmium    | 108-1 | 142     | 146     | 171     | 153     | 10.33  | cps   |
| Calcium    | 43-1  | 13100   | 13690   | 13513   | 13434   | 2.26   | cps   |
| Calcium    | 44-1  | 251520  | 249552  | 251586  | 250886  | 0.46   | cps   |
| Chromium   | 52-2  | 4414    | 4537    | 4441    | 4464    | 1.45   | cps   |
| Cobalt     | 59-2  | 3077    | 2867    | 2847    | 2930    | 4.35   | cps   |
| Copper     | 63-2  | 5671    | 5525    | 5284    | 5493    | 3.55   | cps   |
| Dysprosium | 156-1 | 0       | 0       | 8       | 3       | 173.21 | cps   |
| Dysprosium | 156-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 33      | 8       | 58      | 33      | 75.01  | cps   |
| Erbium     | 164-2 | 17      | 3       | 7       | 9       | 78.08  | cps   |
| Gadolinium | 160-1 | 67      | 117     | 58      | 81      | 39.16  | cps   |
| Gadolinium | 160-2 | 10      | 27      | 17      | 18      | 47.19  | cps   |
| Holmium    | 165-1 | 5760706 | 5890600 | 5799908 | 5817071 | 1.15   | cps   |
| Holmium    | 165-2 | 2169349 | 2157503 | 2130423 | 2152425 | 0.93   | cps   |
| Indium     | 115-1 | 5727494 | 5787061 | 5620434 | 5711663 | 1.48   | cps   |
| Indium     | 115-2 | 469540  | 460765  | 463812  | 464706  | 0.96   | cps   |
| Iron       | 56-2  | 61463   | 61458   | 59929   | 60950   | 1.45   | cps   |
| Iron       | 57-2  | 1611    | 1600    | 1483    | 1565    | 4.52   | cps   |
| Krypton    | 83-1  | 830     | 840     | 850     | 840     | 1.19   | cps   |
| Lead       | 206-1 | 4601    | 4423    | 4395    | 4473    | 2.49   | cps   |
| Lead       | 207-1 | 4201    | 4056    | 4040    | 4099    | 2.16   | cps   |
| Lead       | 208-1 | 18295   | 18256   | 17783   | 18111   | 1.57   | cps   |
| Lithium    | 6-1   | 1338014 | 1344064 | 1342669 | 1341582 | 0.24   | cps   |
| Magnesium  | 24-2  | 32196   | 31870   | 30584   | 31550   | 2.70   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:03:34 | DataFile Name :   | 018LLCC.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 617     | 590     | 547     | 584     | 6.04   | cps   |
| Molybdenum | 94-1  | 17779   | 17045   | 16285   | 17036   | 4.38   | cps   |
| Molybdenum | 95-1  | 20926   | 20032   | 19707   | 20221   | 3.12   | cps   |
| Molybdenum | 96-1  | 22753   | 23271   | 22386   | 22803   | 1.95   | cps   |
| Molybdenum | 97-1  | 12665   | 12756   | 13040   | 12820   | 1.53   | cps   |
| Molybdenum | 98-1  | 32298   | 32306   | 33392   | 32665   | 1.93   | cps   |
| Neodymium  | 150-1 | 7       | 47      | 20      | 24      | 83.31  | cps   |
| Neodymium  | 150-2 | 3       | 0       | 3       | 2       | 86.60  | cps   |
| Nickel     | 60-2  | 970     | 1023    | 1000    | 998     | 2.68   | cps   |
| Phosphorus | 31-2  | 42      | 133     | 83      | 86      | 53.30  | cps   |
| Potassium  | 39-2  | 28789   | 28388   | 29156   | 28778   | 1.34   | cps   |
| Rhodium    | 103-1 | 5673123 | 5721452 | 5675381 | 5689985 | 0.48   | cps   |
| Rhodium    | 103-2 | 2171020 | 2148768 | 2109893 | 2143227 | 1.44   | cps   |
| Scandium   | 45-1  | 4356955 | 4412589 | 4446996 | 4405514 | 1.03   | cps   |
| Scandium   | 45-2  | 61634   | 62040   | 61306   | 61660   | 0.60   | cps   |
| Selenium   | 77-2  | 13      | 20      | 7       | 13      | 49.99  | cps   |
| Selenium   | 78-2  | 31      | 28      | 43      | 34      | 22.70  | cps   |
| Selenium   | 82-1  | 745     | 695     | 699     | 713     | 3.93   | cps   |
| Silicon    | 28-1  | 584402  | 581701  | 583431  | 583178  | 0.23   | cps   |
| Silver     | 109-1 | 10555   | 9771    | 9587    | 9971    | 5.15   | cps   |
| Silver     | 107-1 | 10888   | 10505   | 10838   | 10744   | 1.94   | cps   |
| Sodium     | 23-2  | 88567   | 86202   | 86823   | 87197   | 1.41   | cps   |
| Strontium  | 86-1  | 3926    | 3584    | 3792    | 3767    | 4.57   | cps   |
| Strontium  | 88-1  | 21610   | 22595   | 22177   | 22127   | 2.23   | cps   |
| Sulfur     | 34-1  | 808700  | 808618  | 804099  | 807139  | 0.33   | cps   |
| Terbium    | 159-1 | 6162466 | 6228427 | 6181601 | 6190831 | 0.55   | cps   |
| Terbium    | 159-2 | 2130649 | 2132899 | 2100169 | 2121239 | 0.86   | cps   |
| Thallium   | 203-1 | 5493    | 5410    | 5401    | 5435    | 0.93   | cps   |
| Thallium   | 205-1 | 11498   | 12740   | 12665   | 12301   | 5.66   | cps   |
| Tin        | 118-1 | 30545   | 31137   | 30335   | 30672   | 1.36   | cps   |
| Titanium   | 47-1  | 6393    | 6652    | 7085    | 6710    | 5.21   | cps   |
| Uranium    | 238-1 | 14317   | 14017   | 13658   | 13997   | 2.36   | cps   |
| Vanadium   | 51-2  | 5788    | 5965    | 5768    | 5840    | 1.85   | cps   |
| Yttrium    | 89-1  | 6604737 | 6638257 | 6633096 | 6625364 | 0.27   | cps   |
| Yttrium    | 89-2  | 372502  | 371655  | 370573  | 371577  | 0.26   | cps   |
| Zinc       | 66-2  | 647     | 590     | 490     | 576     | 13.78  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:03:34 | DataFile Name :   | 018LLCC.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 90-1 | 13365 | 13624 | 13974 | 13655   | 2.24   | cps   |
| Zirconium | 91-1 | 3050  | 2909  | 2867  | 2942    | 3.27   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:15:13 | DataFile Name :   | 021SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 50      | 50      | 60      | 53      | 10.83  | cps   |
| Antimony   | 121-1 | 275     | 200     | 183     | 219     | 22.25  | cps   |
| Arsenic    | 75-2  | 9       | 9       | 6       | 8       | 26.61  | cps   |
| Barium     | 135-1 | 67      | 42      | 50      | 53      | 24.12  | cps   |
| Barium     | 137-1 | 83      | 33      | 42      | 53      | 50.76  | cps   |
| Beryllium  | 9-1   | 37      | 103     | 130     | 90      | 53.41  | cps   |
| Bismuth    | 209-1 | 3850048 | 3866238 | 3871258 | 3862515 | 0.29   | cps   |
| Bismuth    | 209-2 | 1621995 | 1609910 | 1584404 | 1605437 | 1.20   | cps   |
| Boron      | 10-1  | 717     | 675     | 608     | 667     | 8.20   | cps   |
| Boron      | 11-1  | 3559    | 3326    | 3467    | 3451    | 3.41   | cps   |
| Cadmium    | 111-1 | 1558    | 1536    | 1604    | 1566    | 2.23   | cps   |
| Cadmium    | 106-1 | 2242    | 2192    | 2300    | 2245    | 2.42   | cps   |
| Cadmium    | 108-1 | 17      | 4       | 21      | 14      | 62.43  | cps   |
| Calcium    | 43-1  | 1040    | 1063    | 1060    | 1055    | 1.20   | cps   |
| Calcium    | 44-1  | 47397   | 46778   | 47751   | 47309   | 1.04   | cps   |
| Chromium   | 52-2  | 1197    | 1430    | 1377    | 1335    | 9.16   | cps   |
| Cobalt     | 59-2  | 123     | 113     | 83      | 107     | 19.51  | cps   |
| Copper     | 63-2  | 780     | 733     | 763     | 759     | 3.12   | cps   |
| Dysprosium | 156-1 | 25      | 8       | 0       | 11      | 114.58 | cps   |
| Dysprosium | 156-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 33      | 75      | 25      | 44      | 60.28  | cps   |
| Erbium     | 164-2 | 13      | 17      | 10      | 13      | 25.01  | cps   |
| Gadolinium | 160-1 | 75      | 67      | 67      | 69      | 6.93   | cps   |
| Gadolinium | 160-2 | 3       | 10      | 20      | 11      | 75.52  | cps   |
| Holmium    | 165-1 | 6452708 | 6493635 | 6393335 | 6446560 | 0.78   | cps   |
| Holmium    | 165-2 | 2282247 | 2241065 | 2224421 | 2249244 | 1.32   | cps   |
| Indium     | 115-1 | 6266324 | 6378420 | 6307108 | 6317284 | 0.90   | cps   |
| Indium     | 115-2 | 499385  | 491173  | 484619  | 491725  | 1.50   | cps   |
| Iron       | 56-2  | 4051    | 4090    | 4106    | 4082    | 0.70   | cps   |
| Iron       | 57-2  | 100     | 144     | 106     | 117     | 20.76  | cps   |
| Krypton    | 83-1  | 847     | 837     | 867     | 850     | 1.80   | cps   |
| Lead       | 206-1 | 489     | 328     | 372     | 396     | 21.00  | cps   |
| Lead       | 207-1 | 317     | 417     | 372     | 369     | 13.60  | cps   |
| Lead       | 208-1 | 1661    | 1533    | 1795    | 1663    | 7.85   | cps   |
| Lithium    | 6-1   | 1498526 | 1493102 | 1475656 | 1489095 | 0.80   | cps   |
| Magnesium  | 24-2  | 400     | 325     | 383     | 369     | 10.66  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:15:13 | DataFile Name :   | 021SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 93      | 90      | 83      | 89      | 5.73   | cps   |
| Molybdenum | 94-1  | 242     | 200     | 150     | 197     | 23.27  | cps   |
| Molybdenum | 95-1  | 83      | 75      | 67      | 75      | 11.11  | cps   |
| Molybdenum | 96-1  | 125     | 117     | 100     | 114     | 11.18  | cps   |
| Molybdenum | 97-1  | 67      | 50      | 75      | 64      | 19.92  | cps   |
| Molybdenum | 98-1  | 58      | 58      | 167     | 94      | 66.22  | cps   |
| Neodymium  | 150-1 | 20      | 13      | 7       | 13      | 49.99  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 57      | 70      | 83      | 70      | 19.05  | cps   |
| Phosphorus | 31-2  | 0       | 17      | 25      | 14      | 91.65  | cps   |
| Potassium  | 39-2  | 8019    | 8670    | 8461    | 8383    | 3.96   | cps   |
| Rhodium    | 103-1 | 6330684 | 6254017 | 6229468 | 6271390 | 0.84   | cps   |
| Rhodium    | 103-2 | 2302107 | 2271372 | 2244385 | 2272621 | 1.27   | cps   |
| Scandium   | 45-1  | 4898667 | 4866891 | 4809281 | 4858280 | 0.93   | cps   |
| Scandium   | 45-2  | 66018   | 64464   | 64832   | 65104   | 1.25   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 2       | 6       | 6       | 4       | 49.54  | cps   |
| Selenium   | 82-1  | -45     | -64     | -57     | -55     | -16.76 | cps   |
| Silicon    | 28-1  | 471532  | 474442  | 470802  | 472259  | 0.41   | cps   |
| Silver     | 109-1 | 300     | 217     | 217     | 244     | 19.68  | cps   |
| Silver     | 107-1 | 333     | 258     | 308     | 300     | 12.73  | cps   |
| Sodium     | 23-2  | 14733   | 13891   | 14541   | 14388   | 3.07   | cps   |
| Strontium  | 86-1  | 1067    | 1217    | 1292    | 1192    | 9.61   | cps   |
| Strontium  | 88-1  | 200     | 208     | 200     | 203     | 2.37   | cps   |
| Sulfur     | 34-1  | 807869  | 810197  | 812159  | 810075  | 0.27   | cps   |
| Terbium    | 159-1 | 6829471 | 6973253 | 6820603 | 6874442 | 1.25   | cps   |
| Terbium    | 159-2 | 2318306 | 2283678 | 2281891 | 2294625 | 0.89   | cps   |
| Thallium   | 203-1 | 175     | 242     | 292     | 236     | 24.79  | cps   |
| Thallium   | 205-1 | 550     | 533     | 450     | 511     | 10.48  | cps   |
| Tin        | 118-1 | 250     | 308     | 367     | 308     | 18.92  | cps   |
| Titanium   | 47-1  | 200     | 233     | 275     | 236     | 15.92  | cps   |
| Uranium    | 238-1 | 42      | 17      | 33      | 31      | 41.66  | cps   |
| Vanadium   | 51-2  | 37      | 60      | 60      | 52      | 25.79  | cps   |
| Yttrium    | 89-1  | 7359381 | 7322865 | 7267029 | 7316425 | 0.64   | cps   |
| Yttrium    | 89-2  | 394288  | 388753  | 390924  | 391322  | 0.71   | cps   |
| Zinc       | 66-2  | 87      | 87      | 110     | 94      | 14.26  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:15:13 | DataFile Name :   | 021SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 483  | 483  | 592  | 519     | 12.04  | cps   |
| Zirconium | 91-1 | 125  | 133  | 117  | 125     | 6.67   | cps   |



LB Number : LB100678 Operator : Jaswal  
 Lab Sample ID : K1275-02 Instrumnet Name : P8  
 Client Sample ID : MBECX3 Dilution Factor : 1  
 Date & Time Acquired :: 2019-02-05 13:18:42 DataFile Name : 022SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 75      | 43      | 65      | 61      | 27.36  | cps   |
| Antimony   | 121-1 | 150     | 183     | 175     | 169     | 10.24  | cps   |
| Arsenic    | 75-2  | 13      | 9       | 9       | 10      | 20.36  | cps   |
| Barium     | 135-1 | 108     | 142     | 117     | 122     | 14.19  | cps   |
| Barium     | 137-1 | 100     | 192     | 158     | 150     | 30.93  | cps   |
| Beryllium  | 9-1   | 103     | 70      | 67      | 80      | 25.35  | cps   |
| Bismuth    | 209-1 | 3802101 | 3824488 | 3740306 | 3788965 | 1.15   | cps   |
| Bismuth    | 209-2 | 1614730 | 1596736 | 1607165 | 1606210 | 0.56   | cps   |
| Boron      | 10-1  | 558     | 750     | 533     | 614     | 19.31  | cps   |
| Boron      | 11-1  | 2459    | 2559    | 2700    | 2573    | 4.72   | cps   |
| Cadmium    | 111-1 | 1425    | 1390    | 1411    | 1409    | 1.25   | cps   |
| Cadmium    | 106-1 | 2034    | 1984    | 2017    | 2011    | 1.27   | cps   |
| Cadmium    | 108-1 | 4       | 4       | 13      | 7       | 69.23  | cps   |
| Calcium    | 43-1  | 1200    | 1070    | 1230    | 1167    | 7.29   | cps   |
| Calcium    | 44-1  | 47715   | 47644   | 47229   | 47529   | 0.55   | cps   |
| Chromium   | 52-2  | 1270    | 1297    | 1323    | 1297    | 2.06   | cps   |
| Cobalt     | 59-2  | 140     | 103     | 117     | 120     | 15.46  | cps   |
| Copper     | 63-2  | 757     | 837     | 820     | 804     | 5.25   | cps   |
| Dysprosium | 156-1 | 25      | 17      | 0       | 14      | 91.65  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 25      | 17      | 75      | 39      | 81.12  | cps   |
| Erbium     | 164-2 | 10      | 3       | 0       | 4       | 114.60 | cps   |
| Gadolinium | 160-1 | 67      | 108     | 108     | 94      | 25.47  | cps   |
| Gadolinium | 160-2 | 13      | 13      | 3       | 10      | 57.75  | cps   |
| Holmium    | 165-1 | 6490794 | 6279686 | 6363730 | 6378070 | 1.67   | cps   |
| Holmium    | 165-2 | 2296842 | 2280835 | 2280337 | 2286005 | 0.41   | cps   |
| Indium     | 115-1 | 6197530 | 6063796 | 6091464 | 6117596 | 1.15   | cps   |
| Indium     | 115-2 | 491482  | 484688  | 492849  | 489673  | 0.89   | cps   |
| Iron       | 56-2  | 4895    | 4379    | 4584    | 4619    | 5.63   | cps   |
| Iron       | 57-2  | 172     | 144     | 139     | 152     | 11.76  | cps   |
| Krypton    | 83-1  | 907     | 910     | 777     | 864     | 8.80   | cps   |
| Lead       | 206-1 | 406     | 428     | 428     | 420     | 3.05   | cps   |
| Lead       | 207-1 | 311     | 383     | 300     | 332     | 13.65  | cps   |
| Lead       | 208-1 | 1483    | 1617    | 1595    | 1565    | 4.57   | cps   |
| Lithium    | 6-1   | 1470454 | 1463837 | 1456707 | 1463666 | 0.47   | cps   |
| Magnesium  | 24-2  | 433     | 333     | 333     | 367     | 15.75  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:18:42 | DataFile Name :   | 022SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Manganese  | 55-2  | 117     | 160     | 170     | 149     | 19.04   | cps   |
| Molybdenum | 94-1  | 292     | 283     | 150     | 242     | 32.89   | cps   |
| Molybdenum | 95-1  | 83      | 50      | 42      | 58      | 37.80   | cps   |
| Molybdenum | 96-1  | 100     | 108     | 142     | 117     | 18.90   | cps   |
| Molybdenum | 97-1  | 50      | 117     | 108     | 92      | 39.63   | cps   |
| Molybdenum | 98-1  | 75      | 125     | 133     | 111     | 28.40   | cps   |
| Neodymium  | 150-1 | 7       | 7       | 7       | 7       | 0.00    | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Nickel     | 60-2  | 117     | 90      | 83      | 97      | 18.25   | cps   |
| Phosphorus | 31-2  | 17      | 17      | 17      | 17      | 0.00    | cps   |
| Potassium  | 39-2  | 8269    | 8253    | 8278    | 8267    | 0.15    | cps   |
| Rhodium    | 103-1 | 6248939 | 6098925 | 6063761 | 6137208 | 1.60    | cps   |
| Rhodium    | 103-2 | 2282639 | 2263894 | 2268631 | 2271721 | 0.43    | cps   |
| Scandium   | 45-1  | 4701624 | 4714889 | 4727865 | 4714793 | 0.28    | cps   |
| Scandium   | 45-2  | 64430   | 64300   | 64772   | 64501   | 0.38    | cps   |
| Selenium   | 77-2  | 3       | 10      | 0       | 4       | 114.60  | cps   |
| Selenium   | 78-2  | 4       | 7       | 6       | 6       | 33.38   | cps   |
| Selenium   | 82-1  | -62     | -27     | 65      | -8      | -816.69 | cps   |
| Silicon    | 28-1  | 475181  | 474995  | 473080  | 474419  | 0.25    | cps   |
| Silver     | 109-1 | 208     | 233     | 233     | 225     | 6.41    | cps   |
| Silver     | 107-1 | 283     | 308     | 342     | 311     | 9.41    | cps   |
| Sodium     | 23-2  | 14767   | 14316   | 14049   | 14377   | 2.52    | cps   |
| Strontium  | 86-1  | 1475    | 1417    | 1317    | 1403    | 5.71    | cps   |
| Strontium  | 88-1  | 958     | 1017    | 933     | 970     | 4.41    | cps   |
| Sulfur     | 34-1  | 810745  | 810738  | 810581  | 810688  | 0.01    | cps   |
| Terbium    | 159-1 | 6851286 | 6742018 | 6667899 | 6753734 | 1.37    | cps   |
| Terbium    | 159-2 | 2284096 | 2247851 | 2196581 | 2242842 | 1.96    | cps   |
| Thallium   | 203-1 | 242     | 175     | 117     | 178     | 35.18   | cps   |
| Thallium   | 205-1 | 475     | 525     | 542     | 514     | 6.75    | cps   |
| Tin        | 118-1 | 417     | 508     | 458     | 461     | 9.96    | cps   |
| Titanium   | 47-1  | 200     | 258     | 292     | 250     | 18.56   | cps   |
| Uranium    | 238-1 | 50      | 25      | 50      | 42      | 34.64   | cps   |
| Vanadium   | 51-2  | 37      | 40      | 50      | 42      | 16.43   | cps   |
| Yttrium    | 89-1  | 7225656 | 7076615 | 7064805 | 7122359 | 1.26    | cps   |
| Yttrium    | 89-2  | 389493  | 386814  | 386456  | 387588  | 0.43    | cps   |
| Zinc       | 66-2  | 360     | 340     | 397     | 366     | 7.86    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:18:42 | DataFile Name :   | 022SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 458  | 542  | 392  | 464     | 16.20  | cps   |
| Zirconium | 91-1 | 83   | 75   | 67   | 75      | 11.11  | cps   |

LB Number : LB100678 Operator : Jaswal  
 Lab Sample ID : K1275-11 Instrumnet Name : P8  
 Client Sample ID : MBECY1 Dilution Factor : 1  
 Date & Time Acquired :: 2019-02-05 13:22:11 DataFile Name : 023SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 73      | 38      | 78      | 63      | 34.87  | cps   |
| Antimony   | 121-1 | 142     | 217     | 208     | 189     | 21.76  | cps   |
| Arsenic    | 75-2  | 6       | 6       | 4       | 5       | 21.74  | cps   |
| Barium     | 135-1 | 208     | 225     | 167     | 200     | 15.02  | cps   |
| Barium     | 137-1 | 642     | 325     | 442     | 469     | 34.12  | cps   |
| Beryllium  | 9-1   | 70      | 57      | 67      | 64      | 10.76  | cps   |
| Bismuth    | 209-1 | 3867842 | 3829150 | 3812348 | 3836447 | 0.74   | cps   |
| Bismuth    | 209-2 | 1568995 | 1591553 | 1648083 | 1602877 | 2.54   | cps   |
| Boron      | 10-1  | 533     | 583     | 433     | 517     | 14.78  | cps   |
| Boron      | 11-1  | 2000    | 2050    | 2200    | 2084    | 5.00   | cps   |
| Cadmium    | 111-1 | 1489    | 1477    | 1451    | 1472    | 1.32   | cps   |
| Cadmium    | 106-1 | 2117    | 2100    | 2059    | 2092    | 1.44   | cps   |
| Cadmium    | 108-1 | 8       | 8       | 4       | 7       | 34.59  | cps   |
| Calcium    | 43-1  | 1140    | 1150    | 1040    | 1110    | 5.48   | cps   |
| Calcium    | 44-1  | 47477   | 47775   | 46584   | 47278   | 1.31   | cps   |
| Chromium   | 52-2  | 1197    | 1187    | 1227    | 1203    | 1.73   | cps   |
| Cobalt     | 59-2  | 93      | 97      | 103     | 98      | 5.21   | cps   |
| Copper     | 63-2  | 867     | 783     | 823     | 824     | 5.06   | cps   |
| Dysprosium | 156-1 | 17      | 8       | 17      | 14      | 34.67  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 17      | 17      | 50      | 28      | 69.27  | cps   |
| Erbium     | 164-2 | 3       | 10      | 3       | 6       | 69.34  | cps   |
| Gadolinium | 160-1 | 75      | 67      | 67      | 69      | 6.93   | cps   |
| Gadolinium | 160-2 | 10      | 17      | 7       | 11      | 45.82  | cps   |
| Holmium    | 165-1 | 6468205 | 6457534 | 6323096 | 6416278 | 1.26   | cps   |
| Holmium    | 165-2 | 2222403 | 2260369 | 2269401 | 2250724 | 1.11   | cps   |
| Indium     | 115-1 | 6205893 | 6113362 | 6145939 | 6155065 | 0.76   | cps   |
| Indium     | 115-2 | 481933  | 484919  | 490446  | 485766  | 0.89   | cps   |
| Iron       | 56-2  | 4523    | 4573    | 4229    | 4442    | 4.19   | cps   |
| Iron       | 57-2  | 156     | 106     | 161     | 141     | 21.74  | cps   |
| Krypton    | 83-1  | 700     | 773     | 840     | 771     | 9.08   | cps   |
| Lead       | 206-1 | 339     | 383     | 350     | 357     | 6.47   | cps   |
| Lead       | 207-1 | 356     | 294     | 300     | 317     | 10.67  | cps   |
| Lead       | 208-1 | 1539    | 1461    | 1472    | 1491    | 2.82   | cps   |
| Lithium    | 6-1   | 1445511 | 1456724 | 1482867 | 1461701 | 1.31   | cps   |
| Magnesium  | 24-2  | 517     | 417     | 475     | 469     | 10.70  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-11            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECY1              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:22:11 | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 140     | 73      | 97      | 103     | 32.74  | cps   |
| Molybdenum | 94-1  | 183     | 208     | 200     | 197     | 6.45   | cps   |
| Molybdenum | 95-1  | 58      | 50      | 50      | 53      | 9.12   | cps   |
| Molybdenum | 96-1  | 58      | 150     | 67      | 92      | 55.30  | cps   |
| Molybdenum | 97-1  | 58      | 50      | 83      | 64      | 27.15  | cps   |
| Molybdenum | 98-1  | 92      | 67      | 58      | 72      | 24.02  | cps   |
| Neodymium  | 150-1 | 0       | 20      | 7       | 9       | 114.55 | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 110     | 67      | 103     | 93      | 25.00  | cps   |
| Phosphorus | 31-2  | 0       | 0       | 33      | 11      | 173.21 | cps   |
| Potassium  | 39-2  | 8962    | 8294    | 8228    | 8495    | 4.78   | cps   |
| Rhodium    | 103-1 | 6250333 | 6214815 | 6149117 | 6204755 | 0.83   | cps   |
| Rhodium    | 103-2 | 2235166 | 2272103 | 2272495 | 2259921 | 0.95   | cps   |
| Scandium   | 45-1  | 4798979 | 4749662 | 4702781 | 4750474 | 1.01   | cps   |
| Scandium   | 45-2  | 63807   | 64896   | 65183   | 64629   | 1.12   | cps   |
| Selenium   | 77-2  | 3       | 0       | 3       | 2       | 86.60  | cps   |
| Selenium   | 78-2  | 2       | 2       | 2       | 2       | 0.00   | cps   |
| Selenium   | 82-1  | 121     | 30      | -26     | 42      | 178.57 | cps   |
| Silicon    | 28-1  | 480289  | 479015  | 476630  | 478645  | 0.39   | cps   |
| Silver     | 109-1 | 258     | 233     | 242     | 244     | 5.21   | cps   |
| Silver     | 107-1 | 267     | 267     | 258     | 264     | 1.82   | cps   |
| Sodium     | 23-2  | 13774   | 13707   | 14333   | 13938   | 2.47   | cps   |
| Strontium  | 86-1  | 1467    | 1467    | 1300    | 1411    | 6.82   | cps   |
| Strontium  | 88-1  | 1167    | 1250    | 1358    | 1258    | 7.64   | cps   |
| Sulfur     | 34-1  | 822252  | 823211  | 820260  | 821908  | 0.18   | cps   |
| Terbium    | 159-1 | 6779244 | 6788747 | 6697979 | 6755323 | 0.74   | cps   |
| Terbium    | 159-2 | 2215815 | 2238181 | 2273849 | 2242615 | 1.31   | cps   |
| Thallium   | 203-1 | 217     | 208     | 208     | 211     | 2.28   | cps   |
| Thallium   | 205-1 | 458     | 408     | 408     | 425     | 6.79   | cps   |
| Tin        | 118-1 | 342     | 250     | 325     | 306     | 15.98  | cps   |
| Titanium   | 47-1  | 208     | 300     | 300     | 269     | 19.64  | cps   |
| Uranium    | 238-1 | 25      | 25      | 33      | 28      | 17.31  | cps   |
| Vanadium   | 51-2  | 27      | 67      | 27      | 40      | 57.73  | cps   |
| Yttrium    | 89-1  | 7244320 | 7238719 | 7227614 | 7236884 | 0.12   | cps   |
| Yttrium    | 89-2  | 384637  | 390584  | 389801  | 388340  | 0.83   | cps   |
| Zinc       | 66-2  | 257     | 170     | 243     | 223     | 20.90  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-11            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECY1              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:22:11 | DataFile Name :   | 023SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 508  | 425  | 550  | 494     | 12.87  | cps   |
| Zirconium | 91-1 | 67   | 75   | 100  | 81      | 21.53  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-12            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECY2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:25:41 | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 60      | 43      | 45      | 49      | 19.26  | cps   |
| Antimony   | 121-1 | 133     | 142     | 175     | 150     | 14.70  | cps   |
| Arsenic    | 75-2  | 9       | 9       | 11      | 10      | 10.81  | cps   |
| Barium     | 135-1 | 58      | 50      | 50      | 53      | 9.12   | cps   |
| Barium     | 137-1 | 67      | 58      | 75      | 67      | 12.49  | cps   |
| Beryllium  | 9-1   | 77      | 83      | 67      | 76      | 11.10  | cps   |
| Bismuth    | 209-1 | 3944316 | 3847567 | 3864854 | 3885579 | 1.33   | cps   |
| Bismuth    | 209-2 | 1671165 | 1614290 | 1618841 | 1634765 | 1.93   | cps   |
| Boron      | 10-1  | 342     | 425     | 300     | 356     | 17.90  | cps   |
| Boron      | 11-1  | 1634    | 1775    | 1625    | 1678    | 5.02   | cps   |
| Cadmium    | 111-1 | 1546    | 1270    | 1254    | 1357    | 12.09  | cps   |
| Cadmium    | 106-1 | 2225    | 1817    | 1809    | 1950    | 12.22  | cps   |
| Cadmium    | 108-1 | 17      | 8       | 17      | 14      | 34.67  | cps   |
| Calcium    | 43-1  | 1080    | 957     | 1120    | 1052    | 8.09   | cps   |
| Calcium    | 44-1  | 45186   | 44567   | 45260   | 45004   | 0.84   | cps   |
| Chromium   | 52-2  | 1273    | 1287    | 1330    | 1297    | 2.29   | cps   |
| Cobalt     | 59-2  | 110     | 90      | 93      | 98      | 10.96  | cps   |
| Copper     | 63-2  | 733     | 687     | 743     | 721     | 4.19   | cps   |
| Dysprosium | 156-1 | 8       | 8       | 33      | 17      | 86.62  | cps   |
| Dysprosium | 156-2 | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Erbium     | 164-1 | 50      | 33      | 25      | 36      | 35.25  | cps   |
| Erbium     | 164-2 | 7       | 13      | 7       | 9       | 43.25  | cps   |
| Gadolinium | 160-1 | 100     | 50      | 100     | 83      | 34.65  | cps   |
| Gadolinium | 160-2 | 10      | 17      | 10      | 12      | 31.50  | cps   |
| Holmium    | 165-1 | 6545450 | 6513209 | 6596212 | 6551624 | 0.64   | cps   |
| Holmium    | 165-2 | 2286317 | 2274487 | 2306725 | 2289176 | 0.71   | cps   |
| Indium     | 115-1 | 6258438 | 6276058 | 6189571 | 6241356 | 0.73   | cps   |
| Indium     | 115-2 | 498616  | 491568  | 494345  | 494843  | 0.72   | cps   |
| Iron       | 56-2  | 4206    | 4256    | 4456    | 4306    | 3.07   | cps   |
| Iron       | 57-2  | 94      | 89      | 61      | 81      | 21.92  | cps   |
| Krypton    | 83-1  | 840     | 843     | 777     | 820     | 4.58   | cps   |
| Lead       | 206-1 | 356     | 333     | 294     | 328     | 9.44   | cps   |
| Lead       | 207-1 | 283     | 328     | 250     | 287     | 13.59  | cps   |
| Lead       | 208-1 | 1411    | 1411    | 1161    | 1328    | 10.87  | cps   |
| Lithium    | 6-1   | 1464521 | 1483232 | 1458387 | 1468713 | 0.88   | cps   |
| Magnesium  | 24-2  | 325     | 375     | 558     | 419     | 29.29  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-12            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECY2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:25:41 | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Manganese  | 55-2  | 97      | 63      | 60      | 73      | 27.65   | cps   |
| Molybdenum | 94-1  | 283     | 267     | 192     | 247     | 19.75   | cps   |
| Molybdenum | 95-1  | 33      | 67      | 83      | 61      | 41.67   | cps   |
| Molybdenum | 96-1  | 75      | 142     | 125     | 114     | 30.47   | cps   |
| Molybdenum | 97-1  | 42      | 83      | 75      | 67      | 33.07   | cps   |
| Molybdenum | 98-1  | 42      | 92      | 25      | 53      | 65.74   | cps   |
| Neodymium  | 150-1 | 27      | 13      | 13      | 18      | 43.33   | cps   |
| Neodymium  | 150-2 | 0       | 7       | 3       | 3       | 100.05  | cps   |
| Nickel     | 60-2  | 60      | 83      | 73      | 72      | 16.21   | cps   |
| Phosphorus | 31-2  | 0       | 0       | 17      | 6       | 173.21  | cps   |
| Potassium  | 39-2  | 8445    | 8244    | 8036    | 8242    | 2.48    | cps   |
| Rhodium    | 103-1 | 6329164 | 6262363 | 6238584 | 6276704 | 0.75    | cps   |
| Rhodium    | 103-2 | 2293496 | 2304322 | 2313815 | 2303878 | 0.44    | cps   |
| Scandium   | 45-1  | 4742425 | 4816391 | 4745678 | 4768165 | 0.88    | cps   |
| Scandium   | 45-2  | 65365   | 65562   | 64002   | 64976   | 1.31    | cps   |
| Selenium   | 77-2  | 0       | 3       | 0       | 1       | 173.21  | cps   |
| Selenium   | 78-2  | 4       | 7       | 4       | 5       | 43.39   | cps   |
| Selenium   | 82-1  | -44     | -59     | 74      | -10     | -749.60 | cps   |
| Silicon    | 28-1  | 475887  | 473903  | 471706  | 473832  | 0.44    | cps   |
| Silver     | 109-1 | 275     | 317     | 217     | 269     | 18.64   | cps   |
| Silver     | 107-1 | 300     | 250     | 258     | 269     | 9.94    | cps   |
| Sodium     | 23-2  | 13799   | 13949   | 13774   | 13841   | 0.68    | cps   |
| Strontium  | 86-1  | 1467    | 1267    | 1392    | 1375    | 7.35    | cps   |
| Strontium  | 88-1  | 158     | 208     | 158     | 175     | 16.50   | cps   |
| Sulfur     | 34-1  | 812782  | 815387  | 813697  | 813955  | 0.16    | cps   |
| Terbium    | 159-1 | 6930377 | 6800542 | 6877653 | 6869524 | 0.95    | cps   |
| Terbium    | 159-2 | 2328562 | 2296274 | 2281865 | 2302234 | 1.04    | cps   |
| Thallium   | 203-1 | 167     | 192     | 175     | 178     | 7.16    | cps   |
| Thallium   | 205-1 | 425     | 492     | 408     | 442     | 9.98    | cps   |
| Tin        | 118-1 | 250     | 425     | 325     | 333     | 26.34   | cps   |
| Titanium   | 47-1  | 333     | 242     | 300     | 292     | 15.91   | cps   |
| Uranium    | 238-1 | 25      | 67      | 42      | 44      | 47.19   | cps   |
| Vanadium   | 51-2  | 73      | 37      | 33      | 48      | 46.45   | cps   |
| Yttrium    | 89-1  | 7312417 | 7301909 | 7278407 | 7297578 | 0.24    | cps   |
| Yttrium    | 89-2  | 395545  | 388717  | 389926  | 391396  | 0.93    | cps   |
| Zinc       | 66-2  | 110     | 123     | 60      | 98      | 34.15   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-12            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECY2              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:25:41 | DataFile Name :   | 024SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 592  | 425  | 408  | 475     | 21.34  | cps   |
| Zirconium | 91-1 | 108  | 58   | 108  | 92      | 31.49  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-17            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECY9              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:29:10 | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 48      | 60      | 43      | 50      | 18.03  | cps   |
| Antimony   | 121-1 | 150     | 167     | 192     | 169     | 12.38  | cps   |
| Arsenic    | 75-2  | 6       | 4       | 6       | 5       | 21.74  | cps   |
| Barium     | 135-1 | 17      | 75      | 133     | 75      | 77.78  | cps   |
| Barium     | 137-1 | 150     | 42      | 100     | 97      | 55.77  | cps   |
| Beryllium  | 9-1   | 43      | 107     | 83      | 78      | 41.19  | cps   |
| Bismuth    | 209-1 | 3920729 | 3851179 | 3891949 | 3887952 | 0.90   | cps   |
| Bismuth    | 209-2 | 1716478 | 1646597 | 1617999 | 1660358 | 3.05   | cps   |
| Boron      | 10-1  | 450     | 450     | 400     | 433     | 6.66   | cps   |
| Boron      | 11-1  | 1834    | 1559    | 1667    | 1686    | 8.22   | cps   |
| Cadmium    | 111-1 | 1514    | 1581    | 1454    | 1516    | 4.19   | cps   |
| Cadmium    | 106-1 | 2175    | 2250    | 2075    | 2167    | 4.05   | cps   |
| Cadmium    | 108-1 | 25      | 4       | 17      | 15      | 68.61  | cps   |
| Calcium    | 43-1  | 1017    | 1117    | 980     | 1038    | 6.82   | cps   |
| Calcium    | 44-1  | 45828   | 45778   | 45831   | 45812   | 0.07   | cps   |
| Chromium   | 52-2  | 1357    | 1237    | 1263    | 1286    | 4.90   | cps   |
| Cobalt     | 59-2  | 140     | 150     | 110     | 133     | 15.61  | cps   |
| Copper     | 63-2  | 700     | 697     | 793     | 730     | 7.52   | cps   |
| Dysprosium | 156-1 | 17      | 25      | 17      | 19      | 24.73  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 42      | 17      | 58      | 39      | 53.93  | cps   |
| Erbium     | 164-2 | 10      | 13      | 10      | 11      | 17.30  | cps   |
| Gadolinium | 160-1 | 108     | 83      | 67      | 86      | 24.35  | cps   |
| Gadolinium | 160-2 | 17      | 7       | 7       | 10      | 57.72  | cps   |
| Holmium    | 165-1 | 6469636 | 6460256 | 6522698 | 6484197 | 0.52   | cps   |
| Holmium    | 165-2 | 2321943 | 2335629 | 2284026 | 2313866 | 1.16   | cps   |
| Indium     | 115-1 | 6383281 | 6217058 | 6196413 | 6265584 | 1.64   | cps   |
| Indium     | 115-2 | 495291  | 493572  | 485128  | 491330  | 1.11   | cps   |
| Iron       | 56-2  | 4184    | 4284    | 4090    | 4186    | 2.32   | cps   |
| Iron       | 57-2  | 156     | 78      | 156     | 130     | 34.64  | cps   |
| Krypton    | 83-1  | 773     | 757     | 890     | 807     | 9.01   | cps   |
| Lead       | 206-1 | 283     | 317     | 333     | 311     | 8.18   | cps   |
| Lead       | 207-1 | 283     | 322     | 256     | 287     | 11.67  | cps   |
| Lead       | 208-1 | 1345    | 1367    | 1317    | 1343    | 1.87   | cps   |
| Lithium    | 6-1   | 1477123 | 1463674 | 1450694 | 1463830 | 0.90   | cps   |
| Magnesium  | 24-2  | 358     | 400     | 425     | 394     | 8.54   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-17            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECY9              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:29:10 | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 80      | 87      | 107     | 91      | 15.23  | cps   |
| Molybdenum | 94-1  | 183     | 192     | 150     | 175     | 12.60  | cps   |
| Molybdenum | 95-1  | 33      | 50      | 17      | 33      | 49.99  | cps   |
| Molybdenum | 96-1  | 108     | 125     | 50      | 94      | 41.70  | cps   |
| Molybdenum | 97-1  | 83      | 92      | 50      | 75      | 29.40  | cps   |
| Molybdenum | 98-1  | 50      | 33      | 75      | 53      | 39.74  | cps   |
| Neodymium  | 150-1 | 33      | 20      | 20      | 24      | 31.49  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 57      | 110     | 77      | 81      | 33.21  | cps   |
| Phosphorus | 31-2  | 17      | 8       | 8       | 11      | 43.34  | cps   |
| Potassium  | 39-2  | 8169    | 8269    | 8269    | 8236    | 0.70   | cps   |
| Rhodium    | 103-1 | 6294427 | 6284197 | 6150782 | 6243135 | 1.28   | cps   |
| Rhodium    | 103-2 | 2333440 | 2288099 | 2289201 | 2303580 | 1.12   | cps   |
| Scandium   | 45-1  | 4797931 | 4810124 | 4754558 | 4787538 | 0.61   | cps   |
| Scandium   | 45-2  | 65850   | 64973   | 65505   | 65443   | 0.68   | cps   |
| Selenium   | 77-2  | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 2       | 2       | 2       | 2       | 0.00   | cps   |
| Selenium   | 82-1  | 58      | 104     | -46     | 39      | 198.16 | cps   |
| Silicon    | 28-1  | 476699  | 485116  | 470774  | 477529  | 1.51   | cps   |
| Silver     | 109-1 | 150     | 217     | 233     | 200     | 22.05  | cps   |
| Silver     | 107-1 | 317     | 267     | 325     | 303     | 10.42  | cps   |
| Sodium     | 23-2  | 13107   | 13791   | 13515   | 13471   | 2.55   | cps   |
| Strontium  | 86-1  | 1592    | 1292    | 1300    | 1395    | 12.25  | cps   |
| Strontium  | 88-1  | 425     | 533     | 383     | 447     | 17.31  | cps   |
| Sulfur     | 34-1  | 828753  | 828522  | 827346  | 828207  | 0.09   | cps   |
| Terbium    | 159-1 | 6915729 | 6902761 | 6899532 | 6906007 | 0.12   | cps   |
| Terbium    | 159-2 | 2346574 | 2319319 | 2299924 | 2321939 | 1.01   | cps   |
| Thallium   | 203-1 | 167     | 142     | 208     | 172     | 19.56  | cps   |
| Thallium   | 205-1 | 367     | 392     | 317     | 358     | 10.66  | cps   |
| Tin        | 118-1 | 233     | 208     | 300     | 247     | 19.17  | cps   |
| Titanium   | 47-1  | 308     | 192     | 308     | 269     | 25.00  | cps   |
| Uranium    | 238-1 | 42      | 25      | 8       | 25      | 66.68  | cps   |
| Vanadium   | 51-2  | 67      | 80      | 70      | 72      | 9.61   | cps   |
| Yttrium    | 89-1  | 7259292 | 7226057 | 7205904 | 7230418 | 0.37   | cps   |
| Yttrium    | 89-2  | 393765  | 389772  | 390529  | 391355  | 0.54   | cps   |
| Zinc       | 66-2  | 133     | 107     | 120     | 120     | 11.11  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-17            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECY9              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:29:10 | DataFile Name :   | 025SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 425  | 475  | 525  | 475     | 10.53  | cps   |
| Zirconium | 91-1 | 67   | 92   | 42   | 67      | 37.50  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-18            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECZ0              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:32:39 | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 38      | 68      | 63      | 56      | 28.79  | cps   |
| Antimony   | 121-1 | 83      | 100     | 200     | 128     | 49.38  | cps   |
| Arsenic    | 75-2  | 13      | 7       | 7       | 9       | 34.60  | cps   |
| Barium     | 135-1 | 50      | 17      | 42      | 36      | 48.03  | cps   |
| Barium     | 137-1 | 100     | 92      | 75      | 89      | 14.33  | cps   |
| Beryllium  | 9-1   | 60      | 70      | 63      | 64      | 7.90   | cps   |
| Bismuth    | 209-1 | 3893322 | 3867865 | 3815637 | 3858941 | 1.03   | cps   |
| Bismuth    | 209-2 | 1640008 | 1696729 | 1625145 | 1653961 | 2.28   | cps   |
| Boron      | 10-1  | 308     | 342     | 342     | 331     | 5.82   | cps   |
| Boron      | 11-1  | 1467    | 1367    | 1575    | 1470    | 7.09   | cps   |
| Cadmium    | 111-1 | 1524    | 1490    | 1445    | 1486    | 2.66   | cps   |
| Cadmium    | 106-1 | 2184    | 2125    | 2067    | 2125    | 2.75   | cps   |
| Cadmium    | 108-1 | 13      | 8       | 8       | 10      | 24.77  | cps   |
| Calcium    | 43-1  | 1103    | 1033    | 1053    | 1063    | 3.39   | cps   |
| Calcium    | 44-1  | 44491   | 45166   | 44671   | 44776   | 0.78   | cps   |
| Chromium   | 52-2  | 1377    | 1260    | 1357    | 1331    | 4.69   | cps   |
| Cobalt     | 59-2  | 117     | 83      | 103     | 101     | 16.59  | cps   |
| Copper     | 63-2  | 730     | 767     | 733     | 743     | 2.73   | cps   |
| Dysprosium | 156-1 | 25      | 8       | 8       | 14      | 69.31  | cps   |
| Dysprosium | 156-2 | 3       | 7       | 3       | 4       | 43.40  | cps   |
| Erbium     | 164-1 | 33      | 42      | 8       | 28      | 62.46  | cps   |
| Erbium     | 164-2 | 7       | 10      | 7       | 8       | 24.71  | cps   |
| Gadolinium | 160-1 | 67      | 133     | 83      | 94      | 36.73  | cps   |
| Gadolinium | 160-2 | 7       | 7       | 0       | 4       | 86.60  | cps   |
| Holmium    | 165-1 | 6448327 | 6498244 | 6483853 | 6476808 | 0.40   | cps   |
| Holmium    | 165-2 | 2335761 | 2299656 | 2286809 | 2307409 | 1.10   | cps   |
| Indium     | 115-1 | 6259515 | 6245292 | 6193311 | 6232706 | 0.56   | cps   |
| Indium     | 115-2 | 491306  | 489944  | 489206  | 490152  | 0.22   | cps   |
| Iron       | 56-2  | 4234    | 4251    | 4201    | 4229    | 0.60   | cps   |
| Iron       | 57-2  | 128     | 133     | 100     | 120     | 14.84  | cps   |
| Krypton    | 83-1  | 797     | 883     | 820     | 833     | 5.38   | cps   |
| Lead       | 206-1 | 367     | 333     | 300     | 333     | 10.00  | cps   |
| Lead       | 207-1 | 278     | 244     | 233     | 252     | 9.18   | cps   |
| Lead       | 208-1 | 1206    | 1206    | 1172    | 1195    | 1.61   | cps   |
| Lithium    | 6-1   | 1479046 | 1457324 | 1455569 | 1463980 | 0.89   | cps   |
| Magnesium  | 24-2  | 417     | 450     | 400     | 422     | 6.03   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-18            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECZ0              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:32:39 | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Manganese  | 55-2  | 90      | 123     | 103     | 106     | 15.90   | cps   |
| Molybdenum | 94-1  | 217     | 142     | 158     | 172     | 22.87   | cps   |
| Molybdenum | 95-1  | 67      | 42      | 33      | 47      | 36.74   | cps   |
| Molybdenum | 96-1  | 67      | 100     | 58      | 75      | 29.40   | cps   |
| Molybdenum | 97-1  | 58      | 33      | 50      | 47      | 26.95   | cps   |
| Molybdenum | 98-1  | 83      | 83      | 58      | 75      | 19.24   | cps   |
| Neodymium  | 150-1 | 27      | 20      | 13      | 20      | 33.35   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 3       | 1       | 173.21  | cps   |
| Nickel     | 60-2  | 73      | 107     | 80      | 87      | 20.36   | cps   |
| Phosphorus | 31-2  | 17      | 8       | 8       | 11      | 43.34   | cps   |
| Potassium  | 39-2  | 7777    | 8611    | 8086    | 8158    | 5.17    | cps   |
| Rhodium    | 103-1 | 6233839 | 6264310 | 6107636 | 6201928 | 1.34    | cps   |
| Rhodium    | 103-2 | 2285421 | 2301519 | 2294231 | 2293724 | 0.35    | cps   |
| Scandium   | 45-1  | 4816203 | 4801686 | 4714838 | 4777576 | 1.15    | cps   |
| Scandium   | 45-2  | 65147   | 63760   | 65066   | 64658   | 1.20    | cps   |
| Selenium   | 77-2  | 0       | 10      | 3       | 4       | 114.60  | cps   |
| Selenium   | 78-2  | 4       | 7       | 0       | 4       | 100.05  | cps   |
| Selenium   | 82-1  | 51      | -99     | 15      | -11     | -707.28 | cps   |
| Silicon    | 28-1  | 475595  | 481333  | 474642  | 477190  | 0.76    | cps   |
| Silver     | 109-1 | 217     | 275     | 217     | 236     | 14.26   | cps   |
| Silver     | 107-1 | 142     | 300     | 200     | 214     | 37.44   | cps   |
| Sodium     | 23-2  | 12981   | 13540   | 13399   | 13307   | 2.18    | cps   |
| Strontium  | 86-1  | 1158    | 1292    | 1392    | 1281    | 9.14    | cps   |
| Strontium  | 88-1  | 150     | 158     | 117     | 142     | 15.56   | cps   |
| Sulfur     | 34-1  | 824398  | 822351  | 821842  | 822864  | 0.16    | cps   |
| Terbium    | 159-1 | 7070295 | 6908056 | 6805945 | 6928099 | 1.92    | cps   |
| Terbium    | 159-2 | 2256700 | 2281640 | 2270565 | 2269635 | 0.55    | cps   |
| Thallium   | 203-1 | 150     | 125     | 242     | 172     | 35.67   | cps   |
| Thallium   | 205-1 | 258     | 417     | 383     | 353     | 23.66   | cps   |
| Tin        | 118-1 | 258     | 317     | 283     | 286     | 10.23   | cps   |
| Titanium   | 47-1  | 208     | 275     | 242     | 242     | 13.80   | cps   |
| Uranium    | 238-1 | 17      | 33      | 67      | 39      | 65.47   | cps   |
| Vanadium   | 51-2  | 53      | 60      | 53      | 56      | 6.93    | cps   |
| Yttrium    | 89-1  | 7224284 | 7193507 | 7175283 | 7197692 | 0.34    | cps   |
| Yttrium    | 89-2  | 387664  | 387976  | 389206  | 388282  | 0.21    | cps   |
| Zinc       | 66-2  | 80      | 87      | 73      | 80      | 8.34    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-18            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECZ0              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:32:39 | DataFile Name :   | 026SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 475  | 400  | 350  | 408     | 15.41  | cps   |
| Zirconium | 91-1 | 108  | 133  | 83   | 108     | 23.08  | cps   |

LB Number : LB100678 Operator : Jaswal  
 Lab Sample ID : PB116776BL Instrumnet Name : P8  
 Client Sample ID : PBW776 Dilution Factor : 1  
 Date & Time Acquired :: 2019-02-05 13:36:08 DataFile Name : 027CCBE.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 45      | 45      | 50      | 47      | 6.18   | cps   |
| Antimony   | 121-1 | 150     | 167     | 100     | 139     | 24.98  | cps   |
| Arsenic    | 75-2  | 7       | 7       | 15      | 10      | 43.26  | cps   |
| Barium     | 135-1 | 8       | 42      | 0       | 17      | 132.30 | cps   |
| Barium     | 137-1 | 33      | 42      | 83      | 53      | 50.76  | cps   |
| Beryllium  | 9-1   | 77      | 80      | 70      | 76      | 6.74   | cps   |
| Bismuth    | 209-1 | 3577700 | 3569761 | 3626132 | 3591198 | 0.85   | cps   |
| Bismuth    | 209-2 | 1547555 | 1560022 | 1538072 | 1548550 | 0.71   | cps   |
| Boron      | 10-1  | 383     | 458     | 375     | 406     | 11.32  | cps   |
| Boron      | 11-1  | 1650    | 1600    | 1617    | 1622    | 1.57   | cps   |
| Cadmium    | 111-1 | 1559    | 1321    | 1273    | 1384    | 11.06  | cps   |
| Cadmium    | 106-1 | 2234    | 1884    | 1817    | 1978    | 11.32  | cps   |
| Cadmium    | 108-1 | 13      | 8       | 4       | 8       | 49.98  | cps   |
| Calcium    | 43-1  | 963     | 947     | 1030    | 980     | 4.50   | cps   |
| Calcium    | 44-1  | 42999   | 43314   | 43975   | 43429   | 1.15   | cps   |
| Chromium   | 52-2  | 1560    | 1447    | 1460    | 1489    | 4.16   | cps   |
| Cobalt     | 59-2  | 110     | 123     | 123     | 119     | 6.48   | cps   |
| Copper     | 63-2  | 720     | 770     | 710     | 733     | 4.38   | cps   |
| Dysprosium | 156-1 | 0       | 8       | 8       | 6       | 86.60  | cps   |
| Dysprosium | 156-2 | 0       | 3       | 7       | 3       | 100.05 | cps   |
| Erbium     | 164-1 | 42      | 42      | 33      | 39      | 12.38  | cps   |
| Erbium     | 164-2 | 7       | 0       | 7       | 4       | 86.60  | cps   |
| Gadolinium | 160-1 | 67      | 75      | 100     | 81      | 21.53  | cps   |
| Gadolinium | 160-2 | 20      | 17      | 13      | 17      | 20.01  | cps   |
| Holmium    | 165-1 | 6102662 | 6069652 | 6091763 | 6088026 | 0.28   | cps   |
| Holmium    | 165-2 | 2185044 | 2190674 | 2173675 | 2183131 | 0.40   | cps   |
| Indium     | 115-1 | 5894811 | 5770669 | 5847117 | 5837532 | 1.07   | cps   |
| Indium     | 115-2 | 461278  | 467445  | 463206  | 463976  | 0.68   | cps   |
| Iron       | 56-2  | 2645    | 2606    | 2667    | 2639    | 1.17   | cps   |
| Iron       | 57-2  | 78      | 94      | 100     | 91      | 12.74  | cps   |
| Krypton    | 83-1  | 757     | 840     | 947     | 848     | 11.23  | cps   |
| Lead       | 206-1 | 278     | 217     | 206     | 233     | 16.67  | cps   |
| Lead       | 207-1 | 200     | 261     | 239     | 233     | 13.26  | cps   |
| Lead       | 208-1 | 967     | 1006    | 922     | 965     | 4.32   | cps   |
| Lithium    | 6-1   | 1348745 | 1370306 | 1338182 | 1352411 | 1.21   | cps   |
| Magnesium  | 24-2  | 442     | 408     | 417     | 422     | 4.11   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB116776BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBW776              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:36:08 | DataFile Name :   | 027CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Manganese  | 55-2  | 67      | 47      | 30      | 48      | 38.43   | cps   |
| Molybdenum | 94-1  | 175     | 192     | 142     | 169     | 15.03   | cps   |
| Molybdenum | 95-1  | 17      | 58      | 50      | 42      | 52.91   | cps   |
| Molybdenum | 96-1  | 75      | 83      | 42      | 67      | 33.07   | cps   |
| Molybdenum | 97-1  | 58      | 25      | 50      | 44      | 39.04   | cps   |
| Molybdenum | 98-1  | 17      | 67      | 58      | 47      | 56.72   | cps   |
| Neodymium  | 150-1 | 13      | 20      | 7       | 13      | 49.99   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Nickel     | 60-2  | 50      | 63      | 63      | 59      | 13.07   | cps   |
| Phosphorus | 31-2  | 0       | 17      | 8       | 8       | 100.02  | cps   |
| Potassium  | 39-2  | 8453    | 8169    | 8169    | 8264    | 1.98    | cps   |
| Rhodium    | 103-1 | 5733597 | 5728581 | 5637574 | 5699917 | 0.95    | cps   |
| Rhodium    | 103-2 | 2112397 | 2159154 | 2168121 | 2146558 | 1.39    | cps   |
| Scandium   | 45-1  | 4406331 | 4475784 | 4425489 | 4435868 | 0.81    | cps   |
| Scandium   | 45-2  | 60329   | 60272   | 60711   | 60437   | 0.39    | cps   |
| Selenium   | 77-2  | 0       | 0       | 3       | 1       | 173.21  | cps   |
| Selenium   | 78-2  | 0       | 2       | 7       | 3       | 124.95  | cps   |
| Selenium   | 82-1  | 50      | 43      | -128    | -12     | -839.89 | cps   |
| Silicon    | 28-1  | 530009  | 534499  | 533023  | 532511  | 0.43    | cps   |
| Silver     | 109-1 | 175     | 192     | 175     | 181     | 5.33    | cps   |
| Silver     | 107-1 | 250     | 258     | 233     | 247     | 5.15    | cps   |
| Sodium     | 23-2  | 13107   | 13590   | 13674   | 13457   | 2.28    | cps   |
| Strontium  | 86-1  | 1375    | 1300    | 1358    | 1345    | 2.93    | cps   |
| Strontium  | 88-1  | 58      | 92      | 67      | 72      | 24.02   | cps   |
| Sulfur     | 34-1  | 843056  | 842065  | 845532  | 843551  | 0.21    | cps   |
| Terbium    | 159-1 | 6529681 | 6535266 | 6383951 | 6482966 | 1.32    | cps   |
| Terbium    | 159-2 | 2172169 | 2198605 | 2149207 | 2173327 | 1.14    | cps   |
| Thallium   | 203-1 | 92      | 142     | 67      | 100     | 38.19   | cps   |
| Thallium   | 205-1 | 200     | 192     | 242     | 211     | 12.69   | cps   |
| Tin        | 118-1 | 267     | 267     | 275     | 269     | 1.78    | cps   |
| Titanium   | 47-1  | 300     | 308     | 242     | 283     | 12.82   | cps   |
| Uranium    | 238-1 | 25      | 42      | 25      | 31      | 31.50   | cps   |
| Vanadium   | 51-2  | 10      | 17      | 10      | 12      | 31.50   | cps   |
| Yttrium    | 89-1  | 6826967 | 6771336 | 6630550 | 6742951 | 1.50    | cps   |
| Yttrium    | 89-2  | 365013  | 370577  | 365679  | 367089  | 0.83    | cps   |
| Zinc       | 66-2  | 90      | 77      | 40      | 69      | 37.58   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB116776BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBW776              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:36:08 | DataFile Name :   | 027CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 475  | 358  | 417  | 417     | 14.00  | cps   |
| Zirconium | 91-1 | 75   | 83   | 92   | 83      | 10.00  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB116776BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS776              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:39:38 | DataFile Name :   | 028LCSE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 618     | 655     | 570     | 614     | 6.94   | cps   |
| Antimony   | 121-1 | 34036   | 32357   | 33744   | 33379   | 2.69   | cps   |
| Arsenic    | 75-2  | 391     | 378     | 354     | 374     | 5.02   | cps   |
| Barium     | 135-1 | 34245   | 35357   | 35315   | 34972   | 1.80   | cps   |
| Barium     | 137-1 | 60631   | 62138   | 60808   | 61193   | 1.35   | cps   |
| Beryllium  | 9-1   | 4214    | 4047    | 4071    | 4111    | 2.20   | cps   |
| Bismuth    | 209-1 | 3710084 | 3697863 | 3636010 | 3681319 | 1.08   | cps   |
| Bismuth    | 209-2 | 1535568 | 1570536 | 1515609 | 1540571 | 1.80   | cps   |
| Boron      | 10-1  | 12681   | 13423   | 12406   | 12837   | 4.10   | cps   |
| Boron      | 11-1  | 57441   | 58588   | 59759   | 58596   | 1.98   | cps   |
| Cadmium    | 111-1 | 5493    | 5069    | 5603    | 5388    | 5.24   | cps   |
| Cadmium    | 106-1 | 2525    | 2350    | 2509    | 2461    | 3.92   | cps   |
| Cadmium    | 108-1 | 317     | 354     | 350     | 340     | 6.04   | cps   |
| Calcium    | 43-1  | 25734   | 25837   | 25069   | 25547   | 1.63   | cps   |
| Calcium    | 44-1  | 451191  | 449364  | 447836  | 449464  | 0.37   | cps   |
| Chromium   | 52-2  | 7659    | 7349    | 7352    | 7453    | 2.39   | cps   |
| Cobalt     | 59-2  | 5818    | 5811    | 5761    | 5797    | 0.53   | cps   |
| Copper     | 63-2  | 9777    | 9947    | 9784    | 9836    | 0.98   | cps   |
| Dysprosium | 156-1 | 0       | 33      | 33      | 22      | 86.60  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 50      | 42      | 25      | 39      | 32.73  | cps   |
| Erbium     | 164-2 | 3       | 10      | 0       | 4       | 114.60 | cps   |
| Gadolinium | 160-1 | 108     | 33      | 58      | 67      | 57.29  | cps   |
| Gadolinium | 160-2 | 7       | 13      | 13      | 11      | 34.61  | cps   |
| Holmium    | 165-1 | 6106566 | 6108128 | 6237198 | 6150630 | 1.22   | cps   |
| Holmium    | 165-2 | 2182916 | 2199395 | 2181760 | 2188024 | 0.45   | cps   |
| Indium     | 115-1 | 5820156 | 5826487 | 5942578 | 5863074 | 1.18   | cps   |
| Indium     | 115-2 | 466465  | 464310  | 456692  | 462489  | 1.11   | cps   |
| Iron       | 56-2  | 396869  | 397678  | 394285  | 396277  | 0.45   | cps   |
| Iron       | 57-2  | 9898    | 9787    | 9920    | 9869    | 0.72   | cps   |
| Krypton    | 83-1  | 830     | 840     | 897     | 856     | 4.20   | cps   |
| Lead       | 206-1 | 8031    | 8431    | 8486    | 8316    | 2.99   | cps   |
| Lead       | 207-1 | 7336    | 7597    | 7341    | 7425    | 2.01   | cps   |
| Lead       | 208-1 | 33491   | 33946   | 33813   | 33750   | 0.69   | cps   |
| Lithium    | 6-1   | 1385052 | 1366918 | 1381294 | 1377755 | 0.69   | cps   |
| Magnesium  | 24-2  | 61191   | 61769   | 61651   | 61537   | 0.50   | cps   |

LB Number : LB100678 Operator : Jaswal  
 Lab Sample ID : PB116776BS Instrumnet Name : P8  
 Client Sample ID : LCS776 Dilution Factor : 1  
 Date & Time Acquired :: 2019-02-05 13:39:38 DataFile Name : 028LCSE.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 1120    | 1080    | 1067    | 1089    | 2.55   | cps   |
| Molybdenum | 94-1  | 32824   | 33676   | 32849   | 33116   | 1.46   | cps   |
| Molybdenum | 95-1  | 41306   | 40879   | 40562   | 40915   | 0.91   | cps   |
| Molybdenum | 96-1  | 43395   | 45394   | 45485   | 44758   | 2.64   | cps   |
| Molybdenum | 97-1  | 25058   | 25875   | 24916   | 25283   | 2.05   | cps   |
| Molybdenum | 98-1  | 66229   | 65207   | 65501   | 65646   | 0.80   | cps   |
| Neodymium  | 150-1 | 13      | 33      | 13      | 20      | 57.74  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 1924    | 1870    | 1833    | 1876    | 2.41   | cps   |
| Phosphorus | 31-2  | 92      | 83      | 133     | 103     | 26.06  | cps   |
| Potassium  | 39-2  | 46871   | 46662   | 45525   | 46352   | 1.56   | cps   |
| Rhodium    | 103-1 | 5780188 | 5843731 | 5878865 | 5834261 | 0.86   | cps   |
| Rhodium    | 103-2 | 2171963 | 2162994 | 2120637 | 2151865 | 1.27   | cps   |
| Scandium   | 45-1  | 4495538 | 4475350 | 4457844 | 4476244 | 0.42   | cps   |
| Scandium   | 45-2  | 60463   | 61219   | 60044   | 60575   | 0.98   | cps   |
| Selenium   | 77-2  | 20      | 13      | 10      | 14      | 35.26  | cps   |
| Selenium   | 78-2  | 50      | 63      | 70      | 61      | 16.87  | cps   |
| Selenium   | 82-1  | 1501    | 1501    | 1433    | 1478    | 2.65   | cps   |
| Silicon    | 28-1  | 751774  | 662040  | 663854  | 692556  | 7.41   | cps   |
| Silver     | 109-1 | 20400   | 19340   | 19991   | 19910   | 2.68   | cps   |
| Silver     | 107-1 | 20767   | 20792   | 21735   | 21098   | 2.62   | cps   |
| Sodium     | 23-2  | 149604  | 153115  | 149629  | 150782  | 1.34   | cps   |
| Strontium  | 86-1  | 6494    | 6360    | 6677    | 6510    | 2.44   | cps   |
| Strontium  | 88-1  | 45134   | 43813   | 44148   | 44365   | 1.55   | cps   |
| Sulfur     | 34-1  | 856737  | 867527  | 850643  | 858302  | 1.00   | cps   |
| Terbium    | 159-1 | 6348769 | 6525387 | 6597493 | 6490549 | 1.97   | cps   |
| Terbium    | 159-2 | 2213852 | 2175485 | 2125277 | 2171538 | 2.05   | cps   |
| Thallium   | 203-1 | 10054   | 10263   | 10346   | 10221   | 1.47   | cps   |
| Thallium   | 205-1 | 24842   | 24091   | 24241   | 24391   | 1.63   | cps   |
| Tin        | 118-1 | 59383   | 62329   | 61501   | 61071   | 2.49   | cps   |
| Titanium   | 47-1  | 13190   | 13165   | 12890   | 13082   | 1.27   | cps   |
| Uranium    | 238-1 | 28501   | 29252   | 29854   | 29202   | 2.32   | cps   |
| Vanadium   | 51-2  | 11895   | 11255   | 11191   | 11447   | 3.40   | cps   |
| Yttrium    | 89-1  | 6664481 | 6882490 | 6811377 | 6786116 | 1.64   | cps   |
| Yttrium    | 89-2  | 367393  | 368374  | 363938  | 366568  | 0.64   | cps   |
| Zinc       | 66-2  | 1150    | 1150    | 1087    | 1129    | 3.24   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB116776BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS776              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:39:38 | DataFile Name :   | 028LCSE.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 90-1 | 26702 | 26736 | 27237 | 26891   | 1.11   | cps   |
| Zirconium | 91-1 | 6152  | 5802  | 5952  | 5968    | 2.94   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100678            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV071              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV071              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-02-05 13:43:07 | DataFile Name :   | 029CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 808711    | 810083    | 798434    | 805743    | 0.79   | cps   |
| Antimony   | 121-1 | 4690341   | 4617214   | 4640487   | 4649347   | 0.80   | cps   |
| Arsenic    | 75-2  | 101699    | 101562    | 100602    | 101288    | 0.59   | cps   |
| Barium     | 135-1 | 4692612   | 4596790   | 4612120   | 4633841   | 1.11   | cps   |
| Barium     | 137-1 | 8017106   | 7908328   | 7928244   | 7951226   | 0.73   | cps   |
| Beryllium  | 9-1   | 1089974   | 1086581   | 1097947   | 1091501   | 0.53   | cps   |
| Bismuth    | 209-1 | 3528472   | 3475320   | 3471558   | 3491784   | 0.91   | cps   |
| Bismuth    | 209-2 | 1443968   | 1448971   | 1400787   | 1431242   | 1.85   | cps   |
| Boron      | 10-1  | 133509    | 133725    | 134249    | 133827    | 0.28   | cps   |
| Boron      | 11-1  | 626539    | 631931    | 641407    | 633292    | 1.19   | cps   |
| Cadmium    | 111-1 | 1079128   | 1072651   | 1073814   | 1075198   | 0.32   | cps   |
| Cadmium    | 106-1 | 115795    | 118047    | 116847    | 116897    | 0.96   | cps   |
| Cadmium    | 108-1 | 79764     | 79273     | 80203     | 79747     | 0.58   | cps   |
| Calcium    | 43-1  | 6562820   | 6481618   | 6504314   | 6516251   | 0.64   | cps   |
| Calcium    | 44-1  | 108083298 | 108432745 | 107572115 | 108029386 | 0.40   | cps   |
| Chromium   | 52-2  | 807350    | 805065    | 798966    | 803794    | 0.54   | cps   |
| Cobalt     | 59-2  | 1524042   | 1515298   | 1516110   | 1518484   | 0.32   | cps   |
| Copper     | 63-2  | 2389950   | 2387084   | 2382503   | 2386512   | 0.16   | cps   |
| Dysprosium | 156-1 | 75        | 100       | 83        | 86        | 14.78  | cps   |
| Dysprosium | 156-2 | 0         | 10        | 7         | 6         | 91.64  | cps   |
| Erbium     | 164-1 | 67        | 42        | 67        | 58        | 24.74  | cps   |
| Erbium     | 164-2 | 27        | 23        | 13        | 21        | 32.88  | cps   |
| Gadolinium | 160-1 | 83        | 125       | 42        | 83        | 50.00  | cps   |
| Gadolinium | 160-2 | 33        | 33        | 33        | 33        | 0.00   | cps   |
| Holmium    | 165-1 | 6272854   | 6186251   | 6141431   | 6200178   | 1.08   | cps   |
| Holmium    | 165-2 | 2188087   | 2192448   | 2136909   | 2172481   | 1.42   | cps   |
| Indium     | 115-1 | 5697637   | 5603725   | 5700375   | 5667246   | 0.97   | cps   |
| Indium     | 115-2 | 442377    | 447450    | 439782    | 443203    | 0.88   | cps   |
| Iron       | 56-2  | 138880750 | 137493586 | 136878981 | 137751106 | 0.74   | cps   |
| Iron       | 57-2  | 3448187   | 3448735   | 3411760   | 3436227   | 0.62   | cps   |
| Krypton    | 83-1  | 957       | 827       | 810       | 864       | 9.29   | cps   |
| Lead       | 206-1 | 2222604   | 2168174   | 2181339   | 2190706   | 1.30   | cps   |
| Lead       | 207-1 | 2019398   | 1963357   | 1994211   | 1992322   | 1.41   | cps   |
| Lead       | 208-1 | 9055214   | 8849334   | 8938157   | 8947568   | 1.15   | cps   |
| Lithium    | 6-1   | 1347049   | 1361842   | 1379314   | 1362735   | 1.19   | cps   |
| Magnesium  | 24-2  | 15912057  | 15884967  | 15630286  | 15809103  | 0.98   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100678            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV071              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV071              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-02-05 13:43:07 | DataFile Name :   | 029CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 535383   | 534521   | 526961   | 532288   | 0.87   | cps   |
| Molybdenum | 94-1  | 9013700  | 9003378  | 9111077  | 9042718  | 0.66   | cps   |
| Molybdenum | 95-1  | 11264525 | 11146041 | 11193532 | 11201366 | 0.53   | cps   |
| Molybdenum | 96-1  | 12378540 | 12307913 | 12323740 | 12336731 | 0.30   | cps   |
| Molybdenum | 97-1  | 6978245  | 6913072  | 7017558  | 6969625  | 0.76   | cps   |
| Molybdenum | 98-1  | 17906020 | 17607888 | 17944076 | 17819328 | 1.03   | cps   |
| Neodymium  | 150-1 | 267      | 287      | 300      | 284      | 5.90   | cps   |
| Neodymium  | 150-2 | 20       | 7        | 27       | 18       | 57.27  | cps   |
| Nickel     | 60-2  | 428921   | 428423   | 425981   | 427775   | 0.37   | cps   |
| Phosphorus | 31-2  | 12281    | 12531    | 11780    | 12197    | 3.13   | cps   |
| Potassium  | 39-2  | 5393690  | 5372584  | 5373021  | 5379765  | 0.22   | cps   |
| Rhodium    | 103-1 | 5550115  | 5476717  | 5515721  | 5514184  | 0.67   | cps   |
| Rhodium    | 103-2 | 2035050  | 2036277  | 2004659  | 2025328  | 0.88   | cps   |
| Scandium   | 45-1  | 4541491  | 4510949  | 4511724  | 4521388  | 0.39   | cps   |
| Scandium   | 45-2  | 62639    | 63322    | 62100    | 62687    | 0.98   | cps   |
| Selenium   | 77-2  | 830      | 793      | 830      | 818      | 2.59   | cps   |
| Selenium   | 78-2  | 2986     | 3174     | 3121     | 3094     | 3.15   | cps   |
| Selenium   | 82-1  | 76217    | 76165    | 75966    | 76116    | 0.17   | cps   |
| Silicon    | 28-1  | 3204588  | 3241029  | 3290126  | 3245248  | 1.32   | cps   |
| Silver     | 109-1 | 4804351  | 4815921  | 4762013  | 4794095  | 0.59   | cps   |
| Silver     | 107-1 | 5111314  | 5071190  | 5040855  | 5074453  | 0.70   | cps   |
| Sodium     | 23-2  | 37017231 | 36974153 | 36616561 | 36869315 | 0.60   | cps   |
| Strontium  | 86-1  | 1662866  | 1651408  | 1632630  | 1648968  | 0.93   | cps   |
| Strontium  | 88-1  | 13704059 | 13590233 | 13885294 | 13726528 | 1.08   | cps   |
| Sulfur     | 34-1  | 1197742  | 1164785  | 1172528  | 1178352  | 1.46   | cps   |
| Terbium    | 159-1 | 6615476  | 6528454  | 6605188  | 6583039  | 0.72   | cps   |
| Terbium    | 159-2 | 2174658  | 2154157  | 2127366  | 2152061  | 1.10   | cps   |
| Thallium   | 203-1 | 2816760  | 2744751  | 2742125  | 2767879  | 1.53   | cps   |
| Thallium   | 205-1 | 6532519  | 6373544  | 6441244  | 6449102  | 1.24   | cps   |
| Tin        | 118-1 | 3201521  | 3190101  | 3184354  | 3191992  | 0.27   | cps   |
| Titanium   | 47-1  | 3414729  | 3388486  | 3408794  | 3404003  | 0.40   | cps   |
| Uranium    | 238-1 | 8001151  | 7883056  | 7896588  | 7926932  | 0.82   | cps   |
| Vanadium   | 51-2  | 607682   | 608270   | 596373   | 604109   | 1.11   | cps   |
| Yttrium    | 89-1  | 6872139  | 6801898  | 6791694  | 6821911  | 0.64   | cps   |
| Yttrium    | 89-2  | 369948   | 372032   | 364506   | 368829   | 1.05   | cps   |
| Zinc       | 66-2  | 269880   | 270268   | 268534   | 269561   | 0.34   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100678            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV071              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV071              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-02-05 13:43:07 | DataFile Name :   | 029CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 7180444 | 7195340 | 7240307 | 7205363 | 0.43   | cps   |
| Zirconium | 91-1 | 1626568 | 1619658 | 1622237 | 1622821 | 0.22   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB071              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB071              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:46:20 | DataFile Name :   | 030CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 65      | 30      | 70      | 55      | 39.62  | cps   |
| Antimony   | 121-1 | 1750    | 1534    | 2217    | 1834    | 19.05  | cps   |
| Arsenic    | 75-2  | 19      | 19      | 20      | 19      | 5.58   | cps   |
| Barium     | 135-1 | 67      | 75      | 92      | 78      | 16.37  | cps   |
| Barium     | 137-1 | 92      | 50      | 67      | 69      | 30.20  | cps   |
| Beryllium  | 9-1   | 147     | 137     | 130     | 138     | 6.09   | cps   |
| Bismuth    | 209-1 | 3466539 | 3471662 | 3438036 | 3458746 | 0.52   | cps   |
| Bismuth    | 209-2 | 1520533 | 1494924 | 1500610 | 1505356 | 0.89   | cps   |
| Boron      | 10-1  | 2959    | 2742    | 2492    | 2731    | 8.55   | cps   |
| Boron      | 11-1  | 13549   | 12648   | 11363   | 12520   | 8.77   | cps   |
| Cadmium    | 111-1 | 1266    | 1434    | 1552    | 1417    | 10.15  | cps   |
| Cadmium    | 106-1 | 1759    | 2042    | 2209    | 2003    | 11.36  | cps   |
| Cadmium    | 108-1 | 4       | 17      | 33      | 18      | 81.02  | cps   |
| Calcium    | 43-1  | 1057    | 940     | 1163    | 1053    | 10.61  | cps   |
| Calcium    | 44-1  | 46580   | 46999   | 49367   | 47649   | 3.15   | cps   |
| Chromium   | 52-2  | 1513    | 1417    | 1510    | 1480    | 3.71   | cps   |
| Cobalt     | 59-2  | 120     | 133     | 163     | 139     | 15.98  | cps   |
| Copper     | 63-2  | 1093    | 983     | 1060    | 1046    | 5.39   | cps   |
| Dysprosium | 156-1 | 25      | 17      | 33      | 25      | 33.32  | cps   |
| Dysprosium | 156-2 | 7       | 3       | 7       | 6       | 34.70  | cps   |
| Erbium     | 164-1 | 50      | 33      | 33      | 39      | 24.75  | cps   |
| Erbium     | 164-2 | 0       | 7       | 10      | 6       | 91.64  | cps   |
| Gadolinium | 160-1 | 83      | 67      | 33      | 61      | 41.67  | cps   |
| Gadolinium | 160-2 | 13      | 10      | 17      | 13      | 25.01  | cps   |
| Holmium    | 165-1 | 5824362 | 5850476 | 5794031 | 5822956 | 0.49   | cps   |
| Holmium    | 165-2 | 2170561 | 2133979 | 2102312 | 2135617 | 1.60   | cps   |
| Indium     | 115-1 | 5772082 | 5710971 | 5606637 | 5696563 | 1.47   | cps   |
| Indium     | 115-2 | 457190  | 455352  | 457542  | 456694  | 0.26   | cps   |
| Iron       | 56-2  | 3901    | 3556    | 3434    | 3630    | 6.67   | cps   |
| Iron       | 57-2  | 106     | 89      | 122     | 106     | 15.79  | cps   |
| Krypton    | 83-1  | 853     | 843     | 863     | 853     | 1.17   | cps   |
| Lead       | 206-1 | 1145    | 1233    | 872     | 1083    | 17.37  | cps   |
| Lead       | 207-1 | 945     | 789     | 856     | 863     | 9.04   | cps   |
| Lead       | 208-1 | 4612    | 4306    | 3884    | 4267    | 8.57   | cps   |
| Lithium    | 6-1   | 1371485 | 1383023 | 1366089 | 1373532 | 0.63   | cps   |
| Magnesium  | 24-2  | 458     | 550     | 425     | 478     | 13.55  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB071              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB071              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:46:20 | DataFile Name :   | 030CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 53      | 60      | 80      | 64      | 21.54  | cps   |
| Molybdenum | 94-1  | 733     | 633     | 692     | 686     | 7.32   | cps   |
| Molybdenum | 95-1  | 1008    | 783     | 833     | 875     | 13.50  | cps   |
| Molybdenum | 96-1  | 867     | 858     | 967     | 897     | 6.72   | cps   |
| Molybdenum | 97-1  | 617     | 583     | 633     | 611     | 4.17   | cps   |
| Molybdenum | 98-1  | 1700    | 1133    | 1217    | 1350    | 22.66  | cps   |
| Neodymium  | 150-1 | 27      | 20      | 0       | 16      | 89.22  | cps   |
| Neodymium  | 150-2 | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Nickel     | 60-2  | 60      | 77      | 67      | 68      | 12.38  | cps   |
| Phosphorus | 31-2  | 8       | 0       | 42      | 17      | 132.30 | cps   |
| Potassium  | 39-2  | 8711    | 9053    | 9112    | 8959    | 2.41   | cps   |
| Rhodium    | 103-1 | 5590192 | 5710806 | 5543517 | 5614838 | 1.54   | cps   |
| Rhodium    | 103-2 | 2138871 | 2139451 | 2122883 | 2133735 | 0.44   | cps   |
| Scandium   | 45-1  | 4447099 | 4423241 | 4394853 | 4421731 | 0.59   | cps   |
| Scandium   | 45-2  | 60429   | 60453   | 60041   | 60308   | 0.38   | cps   |
| Selenium   | 77-2  | 0       | 7       | 0       | 2       | 173.21 | cps   |
| Selenium   | 78-2  | 6       | 6       | 7       | 6       | 17.29  | cps   |
| Selenium   | 82-1  | -19     | -40     | -30     | -29     | -35.43 | cps   |
| Silicon    | 28-1  | 530452  | 526907  | 528389  | 528583  | 0.34   | cps   |
| Silver     | 109-1 | 567     | 567     | 592     | 575     | 2.51   | cps   |
| Silver     | 107-1 | 767     | 708     | 742     | 739     | 3.96   | cps   |
| Sodium     | 23-2  | 19764   | 19456   | 19506   | 19575   | 0.85   | cps   |
| Strontium  | 86-1  | 1467    | 1475    | 1292    | 1411    | 7.34   | cps   |
| Strontium  | 88-1  | 167     | 175     | 217     | 186     | 14.40  | cps   |
| Sulfur     | 34-1  | 804728  | 805825  | 807083  | 805879  | 0.15   | cps   |
| Terbium    | 159-1 | 6291913 | 6300221 | 6182924 | 6258353 | 1.05   | cps   |
| Terbium    | 159-2 | 2135464 | 2086430 | 2121691 | 2114528 | 1.20   | cps   |
| Thallium   | 203-1 | 250     | 192     | 242     | 228     | 13.85  | cps   |
| Thallium   | 205-1 | 625     | 508     | 425     | 519     | 19.34  | cps   |
| Tin        | 118-1 | 533     | 650     | 417     | 533     | 21.89  | cps   |
| Titanium   | 47-1  | 292     | 333     | 852     | 492     | 63.38  | cps   |
| Uranium    | 238-1 | 75      | 67      | 108     | 83      | 26.46  | cps   |
| Vanadium   | 51-2  | 7       | 17      | 13      | 12      | 41.65  | cps   |
| Yttrium    | 89-1  | 6672716 | 6634575 | 6689736 | 6665676 | 0.42   | cps   |
| Yttrium    | 89-2  | 364855  | 361712  | 362345  | 362971  | 0.46   | cps   |
| Zinc       | 66-2  | 107     | 107     | 93      | 102     | 7.53   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB071              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB071              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:46:20 | DataFile Name :   | 030CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 775  | 633  | 708  | 706     | 10.05  | cps   |
| Zirconium | 91-1 | 133  | 167  | 92   | 131     | 28.78  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX7              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:49:49 | DataFile Name :   | 031SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 278     | 270     | 218     | 255     | 12.82  | cps   |
| Antimony   | 121-1 | 3609    | 3117    | 3501    | 3409    | 7.58   | cps   |
| Arsenic    | 75-2  | 20      | 24      | 30      | 25      | 18.88  | cps   |
| Barium     | 135-1 | 23288   | 24073   | 23371   | 23577   | 1.83   | cps   |
| Barium     | 137-1 | 39652   | 40630   | 40271   | 40184   | 1.23   | cps   |
| Beryllium  | 9-1   | 137     | 160     | 173     | 157     | 11.85  | cps   |
| Bismuth    | 209-1 | 3469043 | 3414749 | 3424777 | 3436189 | 0.84   | cps   |
| Bismuth    | 209-2 | 1420750 | 1448042 | 1448478 | 1439090 | 1.10   | cps   |
| Boron      | 10-1  | 15425   | 15692   | 16543   | 15887   | 3.67   | cps   |
| Boron      | 11-1  | 75323   | 79637   | 77770   | 77577   | 2.79   | cps   |
| Cadmium    | 111-1 | 1526    | 1590    | 1377    | 1498    | 7.29   | cps   |
| Cadmium    | 106-1 | 2067    | 2142    | 1884    | 2031    | 6.55   | cps   |
| Cadmium    | 108-1 | 13      | 25      | 29      | 22      | 39.04  | cps   |
| Calcium    | 43-1  | 91344   | 92324   | 90351   | 91340   | 1.08   | cps   |
| Calcium    | 44-1  | 1565234 | 1589811 | 1574562 | 1576536 | 0.79   | cps   |
| Chromium   | 52-2  | 3054    | 2880    | 2914    | 2949    | 3.12   | cps   |
| Cobalt     | 59-2  | 2057    | 2054    | 1980    | 2030    | 2.13   | cps   |
| Copper     | 63-2  | 17938   | 18189   | 18142   | 18090   | 0.74   | cps   |
| Dysprosium | 156-1 | 100     | 225     | 133     | 153     | 42.37  | cps   |
| Dysprosium | 156-2 | 37      | 30      | 53      | 40      | 30.04  | cps   |
| Erbium     | 164-1 | 117     | 150     | 150     | 139     | 13.86  | cps   |
| Erbium     | 164-2 | 30      | 17      | 23      | 23      | 28.56  | cps   |
| Gadolinium | 160-1 | 125     | 175     | 100     | 133     | 28.64  | cps   |
| Gadolinium | 160-2 | 47      | 53      | 67      | 56      | 18.33  | cps   |
| Holmium    | 165-1 | 5764675 | 5844229 | 5719692 | 5776199 | 1.09   | cps   |
| Holmium    | 165-2 | 2066098 | 2057444 | 2077959 | 2067167 | 0.50   | cps   |
| Indium     | 115-1 | 5800717 | 5926984 | 5832783 | 5853495 | 1.12   | cps   |
| Indium     | 115-2 | 461727  | 462624  | 457788  | 460713  | 0.56   | cps   |
| Iron       | 56-2  | 12654   | 13156   | 12988   | 12933   | 1.98   | cps   |
| Iron       | 57-2  | 350     | 272     | 350     | 324     | 13.86  | cps   |
| Krypton    | 83-1  | 887     | 833     | 763     | 828     | 7.47   | cps   |
| Lead       | 206-1 | 2234    | 2295    | 2117    | 2215    | 4.08   | cps   |
| Lead       | 207-1 | 1906    | 1728    | 1778    | 1804    | 5.08   | cps   |
| Lead       | 208-1 | 8840    | 8585    | 8207    | 8544    | 3.73   | cps   |
| Lithium    | 6-1   | 1419766 | 1473433 | 1502764 | 1465321 | 2.87   | cps   |
| Magnesium  | 24-2  | 75727   | 74537   | 74152   | 74805   | 1.10   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX7              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:49:49 | DataFile Name :   | 031SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Manganese  | 55-2  | 2634     | 2650     | 2494     | 2593     | 3.32    | cps   |
| Molybdenum | 94-1  | 533      | 608      | 683      | 608      | 12.33   | cps   |
| Molybdenum | 95-1  | 333      | 392      | 367      | 364      | 8.04    | cps   |
| Molybdenum | 96-1  | 333      | 600      | 425      | 453      | 29.92   | cps   |
| Molybdenum | 97-1  | 267      | 217      | 325      | 269      | 20.12   | cps   |
| Molybdenum | 98-1  | 592      | 608      | 625      | 608      | 2.74    | cps   |
| Neodymium  | 150-1 | 173      | 87       | 187      | 149      | 36.47   | cps   |
| Neodymium  | 150-2 | 33       | 73       | 43       | 50       | 41.64   | cps   |
| Nickel     | 60-2  | 1557     | 1610     | 1350     | 1506     | 9.12    | cps   |
| Phosphorus | 31-2  | 33       | 42       | 17       | 31       | 41.66   | cps   |
| Potassium  | 39-2  | 308216   | 305711   | 301509   | 305145   | 1.11    | cps   |
| Rhodium    | 103-1 | 5506532  | 5616438  | 5560907  | 5561292  | 0.99    | cps   |
| Rhodium    | 103-2 | 2040943  | 2055786  | 2032884  | 2043204  | 0.57    | cps   |
| Scandium   | 45-1  | 4301977  | 4363052  | 4375227  | 4346752  | 0.90    | cps   |
| Scandium   | 45-2  | 58950    | 59137    | 58742    | 58943    | 0.34    | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21  | cps   |
| Selenium   | 78-2  | 2        | 7        | 2        | 4        | 86.68   | cps   |
| Selenium   | 82-1  | -71      | -4       | 86       | 4        | 2015.83 | cps   |
| Silicon    | 28-1  | 18970995 | 19218293 | 18949162 | 19046150 | 0.78    | cps   |
| Silver     | 109-1 | 6685     | 7061     | 7419     | 7055     | 5.20    | cps   |
| Silver     | 107-1 | 6894     | 7644     | 7844     | 7461     | 6.72    | cps   |
| Sodium     | 23-2  | 2338130  | 2373926  | 2331722  | 2347926  | 0.97    | cps   |
| Strontium  | 86-1  | 76516    | 76783    | 77075    | 76791    | 0.36    | cps   |
| Strontium  | 88-1  | 648344   | 659315   | 649548   | 652403   | 0.92    | cps   |
| Sulfur     | 34-1  | 778800   | 769199   | 756149   | 768050   | 1.48    | cps   |
| Terbium    | 159-1 | 6111722  | 6159807  | 5999139  | 6090223  | 1.35    | cps   |
| Terbium    | 159-2 | 2054522  | 2036758  | 2029196  | 2040159  | 0.64    | cps   |
| Thallium   | 203-1 | 508      | 450      | 375      | 444      | 15.04   | cps   |
| Thallium   | 205-1 | 1392     | 1167     | 983      | 1181     | 17.33   | cps   |
| Tin        | 118-1 | 1809     | 1759     | 2009     | 1859     | 7.12    | cps   |
| Titanium   | 47-1  | 833      | 1326     | 675      | 945      | 35.94   | cps   |
| Uranium    | 238-1 | 117      | 217      | 167      | 167      | 30.00   | cps   |
| Vanadium   | 51-2  | 157      | 183      | 217      | 186      | 16.20   | cps   |
| Yttrium    | 89-1  | 6439647  | 6476055  | 6369239  | 6428314  | 0.84    | cps   |
| Yttrium    | 89-2  | 353168   | 348904   | 347824   | 349965   | 0.81    | cps   |
| Zinc       | 66-2  | 3074     | 2844     | 2877     | 2931     | 4.24    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX7              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:49:49 | DataFile Name :   | 031SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1008 | 850  | 875  | 911     | 9.34   | cps   |
| Zirconium | 91-1 | 133  | 150  | 242  | 175     | 33.33  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX8              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:53:17 | DataFile Name :   | 032SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 998      | 1063     | 1040     | 1034     | 3.19   | cps   |
| Antimony   | 121-1 | 2934     | 2884     | 2925     | 2914     | 0.92   | cps   |
| Arsenic    | 75-2  | 56       | 87       | 87       | 77       | 23.74  | cps   |
| Barium     | 135-1 | 115898   | 115989   | 116662   | 116183   | 0.36   | cps   |
| Barium     | 137-1 | 202098   | 204591   | 201159   | 202616   | 0.88   | cps   |
| Beryllium  | 9-1   | 380      | 457      | 370      | 402      | 11.79  | cps   |
| Bismuth    | 209-1 | 3333856  | 3362820  | 3423184  | 3373287  | 1.35   | cps   |
| Bismuth    | 209-2 | 1429950  | 1425259  | 1447565  | 1434258  | 0.82   | cps   |
| Boron      | 10-1  | 3517     | 3200     | 3184     | 3301     | 5.69   | cps   |
| Boron      | 11-1  | 16001    | 16810    | 15676    | 16162    | 3.62   | cps   |
| Cadmium    | 111-1 | 1456     | 1609     | 1376     | 1480     | 8.01   | cps   |
| Cadmium    | 106-1 | 1950     | 2042     | 1800     | 1931     | 6.32   | cps   |
| Cadmium    | 108-1 | 38       | 29       | 38       | 35       | 13.85  | cps   |
| Calcium    | 43-1  | 665563   | 665846   | 662694   | 664701   | 0.26   | cps   |
| Calcium    | 44-1  | 11020051 | 10844226 | 11038332 | 10967536 | 0.98   | cps   |
| Chromium   | 52-2  | 2244     | 2117     | 2204     | 2188     | 2.96   | cps   |
| Cobalt     | 59-2  | 13136    | 13033    | 12696    | 12955    | 1.78   | cps   |
| Copper     | 63-2  | 28132    | 27334    | 28109    | 27858    | 1.63   | cps   |
| Dysprosium | 156-1 | 717      | 583      | 583      | 628      | 12.26  | cps   |
| Dysprosium | 156-2 | 313      | 240      | 237      | 263      | 16.46  | cps   |
| Erbium     | 164-1 | 508      | 608      | 583      | 567      | 9.18   | cps   |
| Erbium     | 164-2 | 193      | 163      | 207      | 188      | 11.82  | cps   |
| Gadolinium | 160-1 | 700      | 508      | 717      | 642      | 18.04  | cps   |
| Gadolinium | 160-2 | 287      | 360      | 250      | 299      | 18.74  | cps   |
| Holmium    | 165-1 | 5791515  | 5821933  | 5797642  | 5803696  | 0.28   | cps   |
| Holmium    | 165-2 | 2014826  | 2058152  | 2102704  | 2058561  | 2.13   | cps   |
| Indium     | 115-1 | 5716369  | 5779397  | 5795722  | 5763830  | 0.73   | cps   |
| Indium     | 115-2 | 447939   | 452564   | 455102   | 451868   | 0.80   | cps   |
| Iron       | 56-2  | 211265   | 209596   | 211705   | 210855   | 0.53   | cps   |
| Iron       | 57-2  | 5568     | 5318     | 5312     | 5399     | 2.70   | cps   |
| Krypton    | 83-1  | 803      | 780      | 807      | 797      | 1.82   | cps   |
| Lead       | 206-1 | 3173     | 2956     | 2706     | 2945     | 7.93   | cps   |
| Lead       | 207-1 | 2723     | 2489     | 2289     | 2500     | 8.68   | cps   |
| Lead       | 208-1 | 11858    | 11380    | 11063    | 11434    | 3.50   | cps   |
| Lithium    | 6-1   | 1505006  | 1534363  | 1557663  | 1532344  | 1.72   | cps   |
| Magnesium  | 24-2  | 494163   | 495973   | 496286   | 495474   | 0.23   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX8              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:53:17 | DataFile Name :   | 032SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 10604    | 10681    | 10634    | 10640    | 0.36   | cps   |
| Molybdenum | 94-1  | 1934     | 1942     | 1875     | 1917     | 1.90   | cps   |
| Molybdenum | 95-1  | 2392     | 2484     | 2484     | 2453     | 2.16   | cps   |
| Molybdenum | 96-1  | 2967     | 2750     | 2675     | 2798     | 5.41   | cps   |
| Molybdenum | 97-1  | 1275     | 1509     | 1525     | 1436     | 9.73   | cps   |
| Molybdenum | 98-1  | 3917     | 3626     | 3826     | 3790     | 3.94   | cps   |
| Neodymium  | 150-1 | 1233     | 1160     | 1227     | 1207     | 3.36   | cps   |
| Neodymium  | 150-2 | 280      | 253      | 247      | 260      | 6.79   | cps   |
| Nickel     | 60-2  | 6992     | 6598     | 6635     | 6742     | 3.22   | cps   |
| Phosphorus | 31-2  | 17       | 17       | 25       | 19       | 24.73  | cps   |
| Potassium  | 39-2  | 99768    | 99962    | 100986   | 100239   | 0.65   | cps   |
| Rhodium    | 103-1 | 5382546  | 5481920  | 5467434  | 5443967  | 0.99   | cps   |
| Rhodium    | 103-2 | 2014695  | 2061118  | 2057989  | 2044601  | 1.27   | cps   |
| Scandium   | 45-1  | 4355440  | 4286438  | 4378046  | 4339974  | 1.10   | cps   |
| Scandium   | 45-2  | 58598    | 59592    | 58876    | 59022    | 0.87   | cps   |
| Selenium   | 77-2  | 3        | 3        | 7        | 4        | 43.40  | cps   |
| Selenium   | 78-2  | 9        | 4        | 2        | 5        | 78.12  | cps   |
| Selenium   | 82-1  | 66       | 152      | 124      | 114      | 38.62  | cps   |
| Silicon    | 28-1  | 23389041 | 23316344 | 23311977 | 23339120 | 0.19   | cps   |
| Silver     | 109-1 | 6310     | 5610     | 6185     | 6035     | 6.19   | cps   |
| Silver     | 107-1 | 6252     | 6994     | 6477     | 6574     | 5.79   | cps   |
| Sodium     | 23-2  | 4839020  | 4804485  | 4846728  | 4830078  | 0.47   | cps   |
| Strontium  | 86-1  | 526016   | 518727   | 523565   | 522769   | 0.71   | cps   |
| Strontium  | 88-1  | 4557604  | 4549635  | 4502883  | 4536707  | 0.65   | cps   |
| Sulfur     | 34-1  | 749128   | 755446   | 756275   | 753616   | 0.52   | cps   |
| Terbium    | 159-1 | 6179491  | 6063583  | 6080038  | 6107704  | 1.03   | cps   |
| Terbium    | 159-2 | 2052253  | 2058926  | 2057752  | 2056310  | 0.17   | cps   |
| Thallium   | 203-1 | 375      | 442      | 300      | 372      | 19.04  | cps   |
| Thallium   | 205-1 | 1033     | 1200     | 808      | 1014     | 19.39  | cps   |
| Tin        | 118-1 | 5368     | 4951     | 5510     | 5276     | 5.50   | cps   |
| Titanium   | 47-1  | 1267     | 1142     | 1267     | 1225     | 5.89   | cps   |
| Uranium    | 238-1 | 2767     | 2692     | 2692     | 2717     | 1.59   | cps   |
| Vanadium   | 51-2  | 693      | 743      | 657      | 698      | 6.24   | cps   |
| Yttrium    | 89-1  | 6501594  | 6517252  | 6470023  | 6496290  | 0.37   | cps   |
| Yttrium    | 89-2  | 348361   | 352864   | 352169   | 351132   | 0.69   | cps   |
| Zinc       | 66-2  | 8012     | 8029     | 8216     | 8086     | 1.40   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX8              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:53:17 | DataFile Name :   | 032SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1042 | 1342 | 1142 | 1175    | 13.00  | cps   |
| Zirconium | 91-1 | 233  | 333  | 342  | 303     | 19.91  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX8D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:56:45 | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1243     | 1053     | 1113     | 1136     | 8.55   | cps   |
| Antimony   | 121-1 | 2392     | 2167     | 2417     | 2325     | 5.92   | cps   |
| Arsenic    | 75-2  | 65       | 72       | 67       | 68       | 5.67   | cps   |
| Barium     | 135-1 | 113880   | 115292   | 117393   | 115522   | 1.53   | cps   |
| Barium     | 137-1 | 198896   | 200772   | 203834   | 201167   | 1.24   | cps   |
| Beryllium  | 9-1   | 367      | 440      | 483      | 430      | 13.71  | cps   |
| Bismuth    | 209-1 | 3452137  | 3498019  | 3420230  | 3456796  | 1.13   | cps   |
| Bismuth    | 209-2 | 1441138  | 1433577  | 1437459  | 1437392  | 0.26   | cps   |
| Boron      | 10-1  | 2850     | 2709     | 2759     | 2773     | 2.59   | cps   |
| Boron      | 11-1  | 14249    | 13790    | 14024    | 14021    | 1.64   | cps   |
| Cadmium    | 111-1 | 1445     | 1463     | 1300     | 1402     | 6.37   | cps   |
| Cadmium    | 106-1 | 1775     | 1859     | 1592     | 1742     | 7.83   | cps   |
| Cadmium    | 108-1 | 21       | 25       | 21       | 22       | 10.84  | cps   |
| Calcium    | 43-1  | 659440   | 659841   | 660045   | 659775   | 0.05   | cps   |
| Calcium    | 44-1  | 10857187 | 10889148 | 10837009 | 10861115 | 0.24   | cps   |
| Chromium   | 52-2  | 2164     | 1950     | 1984     | 2032     | 5.65   | cps   |
| Cobalt     | 59-2  | 13166    | 12923    | 13030    | 13040    | 0.94   | cps   |
| Copper     | 63-2  | 27644    | 27344    | 27641    | 27543    | 0.63   | cps   |
| Dysprosium | 156-1 | 658      | 650      | 733      | 681      | 6.74   | cps   |
| Dysprosium | 156-2 | 230      | 203      | 190      | 208      | 9.80   | cps   |
| Erbium     | 164-1 | 725      | 783      | 675      | 728      | 7.45   | cps   |
| Erbium     | 164-2 | 210      | 183      | 220      | 204      | 9.27   | cps   |
| Gadolinium | 160-1 | 667      | 692      | 808      | 722      | 10.47  | cps   |
| Gadolinium | 160-2 | 307      | 267      | 307      | 293      | 7.87   | cps   |
| Holmium    | 165-1 | 5867566  | 5972681  | 5707666  | 5849304  | 2.28   | cps   |
| Holmium    | 165-2 | 2059107  | 2060722  | 2032782  | 2050871  | 0.76   | cps   |
| Indium     | 115-1 | 5698135  | 5818367  | 5813288  | 5776597  | 1.18   | cps   |
| Indium     | 115-2 | 444926   | 440439   | 439508   | 441624   | 0.66   | cps   |
| Iron       | 56-2  | 207549   | 211380   | 214528   | 211152   | 1.66   | cps   |
| Iron       | 57-2  | 5118     | 5290     | 5118     | 5175     | 1.92   | cps   |
| Krypton    | 83-1  | 740      | 830      | 850      | 807      | 7.26   | cps   |
| Lead       | 206-1 | 3023     | 2978     | 2962     | 2987     | 1.06   | cps   |
| Lead       | 207-1 | 2456     | 2172     | 2273     | 2300     | 6.25   | cps   |
| Lead       | 208-1 | 11291    | 11308    | 11269    | 11289    | 0.17   | cps   |
| Lithium    | 6-1   | 1521650  | 1572533  | 1574339  | 1556174  | 1.92   | cps   |
| Magnesium  | 24-2  | 482108   | 486051   | 487250   | 485137   | 0.55   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX8D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:56:45 | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 10497    | 10387    | 10437    | 10441    | 0.53   | cps   |
| Molybdenum | 94-1  | 2150     | 2050     | 1884     | 2028     | 6.64   | cps   |
| Molybdenum | 95-1  | 2417     | 2284     | 2475     | 2392     | 4.11   | cps   |
| Molybdenum | 96-1  | 2542     | 2692     | 2675     | 2637     | 3.12   | cps   |
| Molybdenum | 97-1  | 1350     | 1659     | 1442     | 1483     | 10.67  | cps   |
| Molybdenum | 98-1  | 3559     | 3826     | 4009     | 3798     | 5.96   | cps   |
| Neodymium  | 150-1 | 987      | 1173     | 1160     | 1107     | 9.41   | cps   |
| Neodymium  | 150-2 | 300      | 257      | 253      | 270      | 9.64   | cps   |
| Nickel     | 60-2  | 6618     | 6465     | 6668     | 6584     | 1.61   | cps   |
| Phosphorus | 31-2  | 33       | 25       | 8        | 22       | 57.30  | cps   |
| Potassium  | 39-2  | 98125    | 98838    | 97209    | 98057    | 0.83   | cps   |
| Rhodium    | 103-1 | 5483221  | 5534308  | 5528407  | 5515312  | 0.51   | cps   |
| Rhodium    | 103-2 | 2078263  | 2056550  | 1984258  | 2039690  | 2.41   | cps   |
| Scandium   | 45-1  | 4386790  | 4373039  | 4321816  | 4360548  | 0.79   | cps   |
| Scandium   | 45-2  | 58562    | 58331    | 57818    | 58237    | 0.65   | cps   |
| Selenium   | 77-2  | 7        | 13       | 0        | 7        | 99.98  | cps   |
| Selenium   | 78-2  | 9        | 0        | 2        | 4        | 132.32 | cps   |
| Selenium   | 82-1  | 195      | 71       | 73       | 113      | 62.41  | cps   |
| Silicon    | 28-1  | 23275442 | 23134729 | 23286067 | 23232079 | 0.36   | cps   |
| Silver     | 109-1 | 4893     | 4726     | 5176     | 4932     | 4.62   | cps   |
| Silver     | 107-1 | 5560     | 5785     | 5101     | 5482     | 6.36   | cps   |
| Sodium     | 23-2  | 4752809  | 4750772  | 4719050  | 4740877  | 0.40   | cps   |
| Strontium  | 86-1  | 521449   | 522534   | 515892   | 519958   | 0.69   | cps   |
| Strontium  | 88-1  | 4500844  | 4511680  | 4535036  | 4515853  | 0.39   | cps   |
| Sulfur     | 34-1  | 769062   | 763390   | 762074   | 764842   | 0.49   | cps   |
| Terbium    | 159-1 | 6223648  | 6108171  | 6125239  | 6152353  | 1.01   | cps   |
| Terbium    | 159-2 | 2028561  | 2059350  | 2054094  | 2047335  | 0.80   | cps   |
| Thallium   | 203-1 | 383      | 358      | 358      | 367      | 3.94   | cps   |
| Thallium   | 205-1 | 817      | 883      | 783      | 828      | 6.15   | cps   |
| Tin        | 118-1 | 4901     | 5226     | 5351     | 5160     | 4.50   | cps   |
| Titanium   | 47-1  | 1250     | 1350     | 1467     | 1356     | 8.00   | cps   |
| Uranium    | 238-1 | 3126     | 2717     | 2792     | 2878     | 7.55   | cps   |
| Vanadium   | 51-2  | 727      | 697      | 743      | 722      | 3.27   | cps   |
| Yttrium    | 89-1  | 6609467  | 6540391  | 6554267  | 6568042  | 0.56   | cps   |
| Yttrium    | 89-2  | 347874   | 347286   | 345137   | 346766   | 0.42   | cps   |
| Zinc       | 66-2  | 7982     | 8216     | 8289     | 8163     | 1.96   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX8D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 13:56:45 | DataFile Name :   | 033SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1350 | 1200 | 1625 | 1392    | 15.50  | cps   |
| Zirconium | 91-1 | 267  | 417  | 242  | 308     | 30.71  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-04LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX8L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-02-05 14:00:12 | DataFile Name :   | 034SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 283     | 210     | 218     | 237     | 16.85  | cps   |
| Antimony   | 121-1 | 550     | 467     | 500     | 506     | 8.30   | cps   |
| Arsenic    | 75-2  | 20      | 11      | 19      | 17      | 29.40  | cps   |
| Barium     | 135-1 | 23155   | 23555   | 23129   | 23280   | 1.03   | cps   |
| Barium     | 137-1 | 40748   | 39886   | 40898   | 40511   | 1.35   | cps   |
| Beryllium  | 9-1   | 147     | 97      | 153     | 132     | 23.42  | cps   |
| Bismuth    | 209-1 | 3527330 | 3548817 | 3462442 | 3512863 | 1.28   | cps   |
| Bismuth    | 209-2 | 1485007 | 1470600 | 1471986 | 1475864 | 0.54   | cps   |
| Boron      | 10-1  | 1167    | 1250    | 1142    | 1186    | 4.78   | cps   |
| Boron      | 11-1  | 5543    | 5418    | 5560    | 5507    | 1.41   | cps   |
| Cadmium    | 111-1 | 1455    | 1299    | 1376    | 1377    | 5.68   | cps   |
| Cadmium    | 106-1 | 2059    | 1809    | 1917    | 1928    | 6.50   | cps   |
| Cadmium    | 108-1 | 33      | 13      | 29      | 25      | 44.09  | cps   |
| Calcium    | 43-1  | 132137  | 131723  | 131769  | 131876  | 0.17   | cps   |
| Calcium    | 44-1  | 2254177 | 2276033 | 2260946 | 2263719 | 0.49   | cps   |
| Chromium   | 52-2  | 1743    | 1560    | 1683    | 1662    | 5.62   | cps   |
| Cobalt     | 59-2  | 2840    | 2624    | 2547    | 2670    | 5.70   | cps   |
| Copper     | 63-2  | 6862    | 6885    | 6932    | 6893    | 0.52   | cps   |
| Dysprosium | 156-1 | 158     | 158     | 133     | 150     | 9.62   | cps   |
| Dysprosium | 156-2 | 40      | 33      | 57      | 43      | 27.74  | cps   |
| Erbium     | 164-1 | 150     | 217     | 158     | 175     | 20.76  | cps   |
| Erbium     | 164-2 | 50      | 53      | 17      | 40      | 50.68  | cps   |
| Gadolinium | 160-1 | 217     | 175     | 125     | 172     | 26.65  | cps   |
| Gadolinium | 160-2 | 87      | 60      | 60      | 69      | 22.35  | cps   |
| Holmium    | 165-1 | 5916529 | 5961880 | 5965838 | 5948082 | 0.46   | cps   |
| Holmium    | 165-2 | 2082680 | 2106875 | 2087872 | 2092476 | 0.61   | cps   |
| Indium     | 115-1 | 5630125 | 5657515 | 5822019 | 5703220 | 1.82   | cps   |
| Indium     | 115-2 | 446692  | 447393  | 449850  | 447978  | 0.37   | cps   |
| Iron       | 56-2  | 43970   | 42889   | 43251   | 43370   | 1.27   | cps   |
| Iron       | 57-2  | 1028    | 1211    | 1233    | 1157    | 9.75   | cps   |
| Krypton    | 83-1  | 873     | 693     | 860     | 809     | 12.40  | cps   |
| Lead       | 206-1 | 961     | 878     | 733     | 857     | 13.44  | cps   |
| Lead       | 207-1 | 889     | 717     | 850     | 819     | 11.04  | cps   |
| Lead       | 208-1 | 3667    | 3423    | 3423    | 3504    | 4.03   | cps   |
| Lithium    | 6-1   | 1387503 | 1408717 | 1388014 | 1394745 | 0.87   | cps   |
| Magnesium  | 24-2  | 95469   | 96593   | 97266   | 96443   | 0.94   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-04LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX8L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-02-05 14:00:12 | DataFile Name :   | 034SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 2174    | 2374    | 2060    | 2202    | 7.20   | cps   |
| Molybdenum | 94-1  | 500     | 633     | 600     | 578     | 12.01  | cps   |
| Molybdenum | 95-1  | 433     | 650     | 525     | 536     | 20.29  | cps   |
| Molybdenum | 96-1  | 458     | 633     | 767     | 619     | 24.96  | cps   |
| Molybdenum | 97-1  | 625     | 350     | 383     | 453     | 33.15  | cps   |
| Molybdenum | 98-1  | 692     | 775     | 850     | 772     | 10.26  | cps   |
| Neodymium  | 150-1 | 193     | 240     | 193     | 209     | 12.90  | cps   |
| Neodymium  | 150-2 | 57      | 50      | 33      | 47      | 25.76  | cps   |
| Nickel     | 60-2  | 2607    | 2504    | 2557    | 2556    | 2.02   | cps   |
| Phosphorus | 31-2  | 25      | 17      | 8       | 17      | 50.01  | cps   |
| Potassium  | 39-2  | 25866   | 25658   | 26359   | 25961   | 1.39   | cps   |
| Rhodium    | 103-1 | 5678628 | 5651737 | 5756387 | 5695584 | 0.95   | cps   |
| Rhodium    | 103-2 | 2112352 | 2098739 | 2117077 | 2109389 | 0.45   | cps   |
| Scandium   | 45-1  | 4376445 | 4371072 | 4415603 | 4387707 | 0.55   | cps   |
| Scandium   | 45-2  | 58705   | 58471   | 59512   | 58896   | 0.93   | cps   |
| Selenium   | 77-2  | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Selenium   | 78-2  | 11      | 6       | 6       | 7       | 43.24  | cps   |
| Selenium   | 82-1  | -63     | 193     | 24      | 51      | 254.83 | cps   |
| Silicon    | 28-1  | 5088824 | 4996257 | 5036259 | 5040447 | 0.92   | cps   |
| Silver     | 109-1 | 1475    | 1533    | 1358    | 1456    | 6.12   | cps   |
| Silver     | 107-1 | 1834    | 1684    | 1584    | 1700    | 7.40   | cps   |
| Sodium     | 23-2  | 945946  | 939591  | 950675  | 945404  | 0.59   | cps   |
| Strontium  | 86-1  | 103391  | 107120  | 104407  | 104972  | 1.84   | cps   |
| Strontium  | 88-1  | 900286  | 897778  | 909639  | 902568  | 0.69   | cps   |
| Sulfur     | 34-1  | 803089  | 791833  | 797288  | 797403  | 0.71   | cps   |
| Terbium    | 159-1 | 6282141 | 6312393 | 6273961 | 6289498 | 0.32   | cps   |
| Terbium    | 159-2 | 2072638 | 2094034 | 2151010 | 2105894 | 1.92   | cps   |
| Thallium   | 203-1 | 158     | 175     | 183     | 172     | 7.39   | cps   |
| Thallium   | 205-1 | 350     | 325     | 317     | 331     | 5.25   | cps   |
| Tin        | 118-1 | 1317    | 1208    | 1100    | 1208    | 8.97   | cps   |
| Titanium   | 47-1  | 458     | 467     | 483     | 469     | 2.71   | cps   |
| Uranium    | 238-1 | 658     | 475     | 592     | 575     | 16.14  | cps   |
| Vanadium   | 51-2  | 140     | 120     | 137     | 132     | 8.10   | cps   |
| Yttrium    | 89-1  | 6639461 | 6588864 | 6631666 | 6619997 | 0.41   | cps   |
| Yttrium    | 89-2  | 356687  | 357351  | 355433  | 356490  | 0.27   | cps   |
| Zinc       | 66-2  | 1743    | 1633    | 1697    | 1691    | 3.26   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-04LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX8L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2019-02-05 14:00:12 | DataFile Name :   | 034SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 567  | 617  | 617  | 600     | 4.81   | cps   |
| Zirconium | 91-1 | 100  | 92   | 92   | 94      | 5.09   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX8S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:03:41 | DataFile Name :   | 035SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 26850    | 27012    | 27348    | 27070    | 0.94   | cps   |
| Antimony   | 121-1 | 874551   | 890356   | 880044   | 881650   | 0.91   | cps   |
| Arsenic    | 75-2  | 7552     | 7478     | 7737     | 7589     | 1.76   | cps   |
| Barium     | 135-1 | 3725443  | 3775872  | 3696579  | 3732631  | 1.08   | cps   |
| Barium     | 137-1 | 6495135  | 6461057  | 6381763  | 6445985  | 0.90   | cps   |
| Beryllium  | 9-1   | 105607   | 105855   | 104163   | 105208   | 0.87   | cps   |
| Bismuth    | 209-1 | 3410756  | 3463135  | 3409175  | 3427689  | 0.90   | cps   |
| Bismuth    | 209-2 | 1406769  | 1389613  | 1408621  | 1401668  | 0.75   | cps   |
| Boron      | 10-1  | 2550     | 2450     | 2625     | 2542     | 3.45   | cps   |
| Boron      | 11-1  | 12089    | 12506    | 12005    | 12200    | 2.20   | cps   |
| Cadmium    | 111-1 | 106059   | 106772   | 103658   | 105496   | 1.55   | cps   |
| Cadmium    | 106-1 | 11689    | 12189    | 11505    | 11795    | 3.00   | cps   |
| Cadmium    | 108-1 | 6969     | 6969     | 6960     | 6966     | 0.07   | cps   |
| Calcium    | 43-1  | 648149   | 640100   | 638759   | 642336   | 0.79   | cps   |
| Calcium    | 44-1  | 10602056 | 10599159 | 10607893 | 10603036 | 0.04   | cps   |
| Chromium   | 52-2  | 308130   | 311390   | 308850   | 309457   | 0.55   | cps   |
| Cobalt     | 59-2  | 1500582  | 1515386  | 1497830  | 1504599  | 0.63   | cps   |
| Copper     | 63-2  | 648370   | 641765   | 641929   | 644022   | 0.58   | cps   |
| Dysprosium | 156-1 | 758      | 658      | 692      | 703      | 7.25   | cps   |
| Dysprosium | 156-2 | 197      | 237      | 227      | 220      | 9.46   | cps   |
| Erbium     | 164-1 | 750      | 492      | 533      | 592      | 23.44  | cps   |
| Erbium     | 164-2 | 213      | 217      | 167      | 199      | 14.06  | cps   |
| Gadolinium | 160-1 | 817      | 783      | 717      | 772      | 6.59   | cps   |
| Gadolinium | 160-2 | 287      | 237      | 300      | 274      | 12.17  | cps   |
| Holmium    | 165-1 | 5838352  | 5822768  | 5773914  | 5811678  | 0.58   | cps   |
| Holmium    | 165-2 | 2023441  | 2027568  | 2031958  | 2027656  | 0.21   | cps   |
| Indium     | 115-1 | 5802297  | 5784690  | 5722350  | 5769779  | 0.73   | cps   |
| Indium     | 115-2 | 436022   | 436909   | 436537   | 436489   | 0.10   | cps   |
| Iron       | 56-2  | 1252963  | 1253276  | 1254576  | 1253605  | 0.07   | cps   |
| Iron       | 57-2  | 31781    | 31497    | 31737    | 31672    | 0.48   | cps   |
| Krypton    | 83-1  | 903      | 830      | 807      | 847      | 5.96   | cps   |
| Lead       | 206-1 | 85868    | 86259    | 84962    | 85696    | 0.78   | cps   |
| Lead       | 207-1 | 76877    | 77693    | 76922    | 77164    | 0.59   | cps   |
| Lead       | 208-1 | 345213   | 350585   | 345183   | 346994   | 0.90   | cps   |
| Lithium    | 6-1   | 1497463  | 1541404  | 1534695  | 1524521  | 1.55   | cps   |
| Magnesium  | 24-2  | 467790   | 471814   | 462498   | 467367   | 1.00   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX8S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:03:41 | DataFile Name :   | 035SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 254277   | 252406   | 251372   | 252685   | 0.58   | cps   |
| Molybdenum | 94-1  | 1942     | 2017     | 2234     | 2064     | 7.34   | cps   |
| Molybdenum | 95-1  | 2784     | 2659     | 3009     | 2817     | 6.30   | cps   |
| Molybdenum | 96-1  | 3192     | 2767     | 2767     | 2909     | 8.44   | cps   |
| Molybdenum | 97-1  | 1809     | 1834     | 1667     | 1770     | 5.08   | cps   |
| Molybdenum | 98-1  | 3926     | 4251     | 4201     | 4126     | 4.24   | cps   |
| Neodymium  | 150-1 | 1227     | 1213     | 1313     | 1251     | 4.34   | cps   |
| Neodymium  | 150-2 | 243      | 260      | 253      | 252      | 3.33   | cps   |
| Nickel     | 60-2  | 438005   | 436369   | 435260   | 436544   | 0.32   | cps   |
| Phosphorus | 31-2  | 25       | 25       | 0        | 17       | 86.60  | cps   |
| Potassium  | 39-2  | 94264    | 93107    | 93895    | 93756    | 0.63   | cps   |
| Rhodium    | 103-1 | 5549179  | 5460982  | 5537398  | 5515853  | 0.87   | cps   |
| Rhodium    | 103-2 | 2011450  | 1996934  | 1998345  | 2002243  | 0.40   | cps   |
| Scandium   | 45-1  | 4298035  | 4306677  | 4256407  | 4287040  | 0.63   | cps   |
| Scandium   | 45-2  | 56439    | 57497    | 56717    | 56885    | 0.96   | cps   |
| Selenium   | 77-2  | 210      | 207      | 213      | 210      | 1.59   | cps   |
| Selenium   | 78-2  | 783      | 717      | 830      | 777      | 7.31   | cps   |
| Selenium   | 82-1  | 20660    | 20644    | 20708    | 20671    | 0.16   | cps   |
| Silicon    | 28-1  | 22588739 | 22399058 | 22089336 | 22359044 | 1.13   | cps   |
| Silver     | 109-1 | 453424   | 447820   | 446791   | 449345   | 0.79   | cps   |
| Silver     | 107-1 | 486104   | 479682   | 478130   | 481306   | 0.88   | cps   |
| Sodium     | 23-2  | 4584416  | 4554055  | 4503359  | 4547277  | 0.90   | cps   |
| Strontium  | 86-1  | 512413   | 515409   | 514641   | 514155   | 0.30   | cps   |
| Strontium  | 88-1  | 4365386  | 4438971  | 4407695  | 4404018  | 0.84   | cps   |
| Sulfur     | 34-1  | 774258   | 756157   | 749563   | 759993   | 1.68   | cps   |
| Terbium    | 159-1 | 6141727  | 6189791  | 6225263  | 6185593  | 0.68   | cps   |
| Terbium    | 159-2 | 2015453  | 2006821  | 1995912  | 2006062  | 0.49   | cps   |
| Thallium   | 203-1 | 261866   | 257530   | 262771   | 260723   | 1.07   | cps   |
| Thallium   | 205-1 | 620870   | 610363   | 628361   | 619865   | 1.46   | cps   |
| Tin        | 118-1 | 7953     | 7719     | 7544     | 7739     | 2.65   | cps   |
| Titanium   | 47-1  | 1167     | 1058     | 1192     | 1139     | 6.22   | cps   |
| Uranium    | 238-1 | 3259     | 2634     | 2725     | 2873     | 11.75  | cps   |
| Vanadium   | 51-2  | 569075   | 567061   | 567993   | 568043   | 0.18   | cps   |
| Yttrium    | 89-1  | 6493074  | 6536014  | 6606686  | 6545258  | 0.88   | cps   |
| Yttrium    | 89-2  | 343812   | 340308   | 341245   | 341788   | 0.53   | cps   |
| Zinc       | 66-2  | 140610   | 141803   | 140580   | 140998   | 0.49   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX8S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:03:41 | DataFile Name :   | 035SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1525 | 1533 | 1492 | 1517    | 1.45   | cps   |
| Zirconium | 91-1 | 367  | 358  | 342  | 356     | 3.58   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX4              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:07:07 | DataFile Name :   | 036SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 940     | 860     | 890     | 897     | 4.51   | cps   |
| Antimony   | 121-1 | 2125    | 1950    | 2025    | 2034    | 4.32   | cps   |
| Arsenic    | 75-2  | 19      | 35      | 41      | 31      | 36.73  | cps   |
| Barium     | 135-1 | 29551   | 29195   | 28031   | 28925   | 2.75   | cps   |
| Barium     | 137-1 | 50397   | 49406   | 49377   | 49727   | 1.17   | cps   |
| Beryllium  | 9-1   | 80      | 87      | 90      | 86      | 5.95   | cps   |
| Bismuth    | 209-1 | 3480410 | 3385484 | 3396008 | 3420634 | 1.52   | cps   |
| Bismuth    | 209-2 | 1431380 | 1433000 | 1437917 | 1434099 | 0.24   | cps   |
| Boron      | 10-1  | 1433    | 1458    | 1600    | 1497    | 6.00   | cps   |
| Boron      | 11-1  | 6910    | 6527    | 6819    | 6752    | 2.97   | cps   |
| Cadmium    | 111-1 | 1409    | 1341    | 1243    | 1331    | 6.25   | cps   |
| Cadmium    | 106-1 | 2009    | 1909    | 1767    | 1895    | 6.41   | cps   |
| Cadmium    | 108-1 | 8       | 17      | 21      | 15      | 41.67  | cps   |
| Calcium    | 43-1  | 108377  | 109277  | 109106  | 108920  | 0.44   | cps   |
| Calcium    | 44-1  | 1895082 | 1934201 | 1865018 | 1898100 | 1.83   | cps   |
| Chromium   | 52-2  | 5151    | 5088    | 5084    | 5108    | 0.74   | cps   |
| Cobalt     | 59-2  | 51267   | 50792   | 50100   | 50720   | 1.16   | cps   |
| Copper     | 63-2  | 7455    | 7429    | 7596    | 7493    | 1.20   | cps   |
| Dysprosium | 156-1 | 183     | 125     | 217     | 175     | 26.51  | cps   |
| Dysprosium | 156-2 | 70      | 30      | 67      | 56      | 39.95  | cps   |
| Erbium     | 164-1 | 92      | 142     | 125     | 119     | 21.32  | cps   |
| Erbium     | 164-2 | 57      | 37      | 60      | 51      | 24.69  | cps   |
| Gadolinium | 160-1 | 217     | 250     | 208     | 225     | 9.80   | cps   |
| Gadolinium | 160-2 | 73      | 80      | 90      | 81      | 10.34  | cps   |
| Holmium    | 165-1 | 5758634 | 5898332 | 5628643 | 5761870 | 2.34   | cps   |
| Holmium    | 165-2 | 2027556 | 2006789 | 2006820 | 2013721 | 0.59   | cps   |
| Indium     | 115-1 | 5689828 | 5873045 | 5548603 | 5703825 | 2.85   | cps   |
| Indium     | 115-2 | 425941  | 433666  | 430916  | 430174  | 0.91   | cps   |
| Iron       | 56-2  | 979830  | 963294  | 979371  | 974165  | 0.97   | cps   |
| Iron       | 57-2  | 24394   | 24188   | 24934   | 24505   | 1.57   | cps   |
| Krypton    | 83-1  | 733     | 873     | 787     | 798     | 8.86   | cps   |
| Lead       | 206-1 | 1333    | 1439    | 1372    | 1382    | 3.86   | cps   |
| Lead       | 207-1 | 1172    | 1022    | 1233    | 1143    | 9.51   | cps   |
| Lead       | 208-1 | 5295    | 4945    | 5295    | 5178    | 3.90   | cps   |
| Lithium    | 6-1   | 1485135 | 1465838 | 1500052 | 1483675 | 1.16   | cps   |
| Magnesium  | 24-2  | 27878   | 28479   | 27219   | 27859   | 2.26   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX4              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:07:07 | DataFile Name :   | 036SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 33995    | 34453    | 34269    | 34239    | 0.67   | cps   |
| Molybdenum | 94-1  | 3017     | 3126     | 3117     | 3087     | 1.95   | cps   |
| Molybdenum | 95-1  | 4101     | 3767     | 4034     | 3967     | 4.45   | cps   |
| Molybdenum | 96-1  | 4176     | 4376     | 3801     | 4118     | 7.09   | cps   |
| Molybdenum | 97-1  | 2600     | 2634     | 2617     | 2617     | 0.64   | cps   |
| Molybdenum | 98-1  | 6293     | 6510     | 6302     | 6368     | 1.93   | cps   |
| Neodymium  | 150-1 | 407      | 387      | 347      | 380      | 8.04   | cps   |
| Neodymium  | 150-2 | 77       | 60       | 103      | 80       | 27.33  | cps   |
| Nickel     | 60-2  | 2937     | 3140     | 3067     | 3048     | 3.38   | cps   |
| Phosphorus | 31-2  | 0        | 8        | 25       | 11       | 114.58 | cps   |
| Potassium  | 39-2  | 102841   | 101657   | 102883   | 102460   | 0.68   | cps   |
| Rhodium    | 103-1 | 5472314  | 5513869  | 5392932  | 5459705  | 1.13   | cps   |
| Rhodium    | 103-2 | 2005517  | 2007563  | 2022730  | 2011937  | 0.47   | cps   |
| Scandium   | 45-1  | 4278783  | 4364116  | 4146697  | 4263199  | 2.57   | cps   |
| Scandium   | 45-2  | 55479    | 55452    | 55934    | 55622    | 0.49   | cps   |
| Selenium   | 77-2  | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 7        | 2        | 7        | 6        | 57.77  | cps   |
| Selenium   | 82-1  | 72       | -81      | 60       | 17       | 498.49 | cps   |
| Silicon    | 28-1  | 19806800 | 19219492 | 19609378 | 19545223 | 1.53   | cps   |
| Silver     | 109-1 | 3751     | 4276     | 3751     | 3926     | 7.72   | cps   |
| Silver     | 107-1 | 4551     | 4501     | 4201     | 4418     | 4.29   | cps   |
| Sodium     | 23-2  | 495473   | 490607   | 484444   | 490174   | 1.13   | cps   |
| Strontium  | 86-1  | 207125   | 204840   | 201028   | 204331   | 1.51   | cps   |
| Strontium  | 88-1  | 1768976  | 1778799  | 1760392  | 1769389  | 0.52   | cps   |
| Sulfur     | 34-1  | 777736   | 789917   | 799815   | 789156   | 1.40   | cps   |
| Terbium    | 159-1 | 6235250  | 6161594  | 6116253  | 6171032  | 0.97   | cps   |
| Terbium    | 159-2 | 1999049  | 2017289  | 2016712  | 2011016  | 0.52   | cps   |
| Thallium   | 203-1 | 358      | 317      | 350      | 342      | 6.45   | cps   |
| Thallium   | 205-1 | 850      | 650      | 692      | 731      | 14.44  | cps   |
| Tin        | 118-1 | 3025     | 2609     | 2892     | 2842     | 7.49   | cps   |
| Titanium   | 47-1  | 3993     | 5922     | 4318     | 4744     | 21.77  | cps   |
| Uranium    | 238-1 | 375      | 150      | 250      | 258      | 43.64  | cps   |
| Vanadium   | 51-2  | 370      | 390      | 367      | 376      | 3.36   | cps   |
| Yttrium    | 89-1  | 6492986  | 6438080  | 6406774  | 6445947  | 0.68   | cps   |
| Yttrium    | 89-2  | 336808   | 338081   | 333582   | 336157   | 0.69   | cps   |
| Zinc       | 66-2  | 4898     | 4698     | 4978     | 4858     | 2.97   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX4              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:07:07 | DataFile Name :   | 036SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 2292 | 2200 | 2317 | 2270    | 2.71   | cps   |
| Zirconium | 91-1 | 558  | 408  | 408  | 458     | 18.90  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX6              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:10:35 | DataFile Name :   | 037SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 260     | 205     | 213     | 226     | 13.21  | cps   |
| Antimony   | 121-1 | 1925    | 1742    | 1842    | 1836    | 5.00   | cps   |
| Arsenic    | 75-2  | 15      | 26      | 13      | 18      | 39.19  | cps   |
| Barium     | 135-1 | 24140   | 24273   | 24649   | 24354   | 1.08   | cps   |
| Barium     | 137-1 | 41241   | 41007   | 41190   | 41146   | 0.30   | cps   |
| Beryllium  | 9-1   | 147     | 170     | 140     | 152     | 10.35  | cps   |
| Bismuth    | 209-1 | 3425815 | 3571792 | 3541847 | 3513151 | 2.19   | cps   |
| Bismuth    | 209-2 | 1447073 | 1419058 | 1436245 | 1434125 | 0.99   | cps   |
| Boron      | 10-1  | 13874   | 13690   | 13841   | 13802   | 0.71   | cps   |
| Boron      | 11-1  | 69661   | 71345   | 71654   | 70887   | 1.51   | cps   |
| Cadmium    | 111-1 | 1614    | 1492    | 1358    | 1488    | 8.59   | cps   |
| Cadmium    | 106-1 | 2117    | 2009    | 1842    | 1989    | 6.97   | cps   |
| Cadmium    | 108-1 | 8       | 8       | 21      | 12      | 57.75  | cps   |
| Calcium    | 43-1  | 90881   | 91331   | 90683   | 90965   | 0.36   | cps   |
| Calcium    | 44-1  | 1581511 | 1560032 | 1565851 | 1569131 | 0.71   | cps   |
| Chromium   | 52-2  | 2824    | 2704    | 2714    | 2747    | 2.42   | cps   |
| Cobalt     | 59-2  | 2067    | 1880    | 2100    | 2016    | 5.88   | cps   |
| Copper     | 63-2  | 18089   | 17955   | 18246   | 18096   | 0.80   | cps   |
| Dysprosium | 156-1 | 158     | 158     | 142     | 153     | 6.30   | cps   |
| Dysprosium | 156-2 | 23      | 53      | 50      | 42      | 38.95  | cps   |
| Erbium     | 164-1 | 108     | 108     | 92      | 103     | 9.36   | cps   |
| Erbium     | 164-2 | 33      | 47      | 27      | 36      | 28.64  | cps   |
| Gadolinium | 160-1 | 150     | 167     | 167     | 161     | 5.97   | cps   |
| Gadolinium | 160-2 | 47      | 70      | 57      | 58      | 20.26  | cps   |
| Holmium    | 165-1 | 5953899 | 6007112 | 5909231 | 5956747 | 0.82   | cps   |
| Holmium    | 165-2 | 2047657 | 2005705 | 2023242 | 2025534 | 1.04   | cps   |
| Indium     | 115-1 | 5730177 | 5778915 | 5840643 | 5783245 | 0.96   | cps   |
| Indium     | 115-2 | 433499  | 427521  | 424103  | 428374  | 1.11   | cps   |
| Iron       | 56-2  | 13125   | 12202   | 12345   | 12557   | 3.96   | cps   |
| Iron       | 57-2  | 339     | 322     | 306     | 322     | 5.17   | cps   |
| Krypton    | 83-1  | 833     | 880     | 910     | 874     | 4.42   | cps   |
| Lead       | 206-1 | 2006    | 2178    | 1989    | 2058    | 5.08   | cps   |
| Lead       | 207-1 | 1700    | 1789    | 1661    | 1717    | 3.82   | cps   |
| Lead       | 208-1 | 7835    | 7834    | 7779    | 7816    | 0.41   | cps   |
| Lithium    | 6-1   | 1485204 | 1532779 | 1531938 | 1516640 | 1.80   | cps   |
| Magnesium  | 24-2  | 72452   | 71079   | 71246   | 71592   | 1.05   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX6              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:10:35 | DataFile Name :   | 037SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Manganese  | 55-2  | 2470     | 2340     | 2377     | 2396     | 2.80    | cps   |
| Molybdenum | 94-1  | 350      | 550      | 308      | 403      | 32.08   | cps   |
| Molybdenum | 95-1  | 225      | 183      | 300      | 236      | 25.04   | cps   |
| Molybdenum | 96-1  | 225      | 317      | 242      | 261      | 18.70   | cps   |
| Molybdenum | 97-1  | 225      | 300      | 192      | 239      | 23.23   | cps   |
| Molybdenum | 98-1  | 333      | 367      | 308      | 336      | 8.71    | cps   |
| Neodymium  | 150-1 | 173      | 247      | 187      | 202      | 19.32   | cps   |
| Neodymium  | 150-2 | 27       | 37       | 33       | 32       | 15.80   | cps   |
| Nickel     | 60-2  | 1440     | 1320     | 1517     | 1426     | 6.95    | cps   |
| Phosphorus | 31-2  | 0        | 8        | 33       | 14       | 124.92  | cps   |
| Potassium  | 39-2  | 286344   | 281300   | 282814   | 283486   | 0.91    | cps   |
| Rhodium    | 103-1 | 5626657  | 5619913  | 5565007  | 5603859  | 0.60    | cps   |
| Rhodium    | 103-2 | 2066631  | 2001919  | 2001931  | 2023494  | 1.85    | cps   |
| Scandium   | 45-1  | 4313540  | 4340156  | 4255436  | 4303044  | 1.01    | cps   |
| Scandium   | 45-2  | 56493    | 55362    | 56075    | 55977    | 1.02    | cps   |
| Selenium   | 77-2  | 0        | 0        | 7        | 2        | 173.21  | cps   |
| Selenium   | 78-2  | 4        | 6        | 2        | 4        | 50.09   | cps   |
| Selenium   | 82-1  | 15       | -59      | -47      | -30      | -130.22 | cps   |
| Silicon    | 28-1  | 18513981 | 18310910 | 18476272 | 18433721 | 0.59    | cps   |
| Silver     | 109-1 | 3892     | 3676     | 3501     | 3690     | 5.32    | cps   |
| Silver     | 107-1 | 3709     | 3976     | 3951     | 3879     | 3.80    | cps   |
| Sodium     | 23-2  | 2290475  | 2218738  | 2250718  | 2253310  | 1.59    | cps   |
| Strontium  | 86-1  | 79163    | 79305    | 78015    | 78828    | 0.90    | cps   |
| Strontium  | 88-1  | 663879   | 663639   | 663048   | 663522   | 0.06    | cps   |
| Sulfur     | 34-1  | 742264   | 733011   | 728917   | 734731   | 0.93    | cps   |
| Terbium    | 159-1 | 6316203  | 6426439  | 6323801  | 6355481  | 0.97    | cps   |
| Terbium    | 159-2 | 2061151  | 1978246  | 2027137  | 2022178  | 2.06    | cps   |
| Thallium   | 203-1 | 183      | 183      | 300      | 222      | 30.31   | cps   |
| Thallium   | 205-1 | 483      | 458      | 542      | 494      | 8.65    | cps   |
| Tin        | 118-1 | 1684     | 2042     | 1834     | 1853     | 9.71    | cps   |
| Titanium   | 47-1  | 1000     | 1017     | 725      | 914      | 17.93   | cps   |
| Uranium    | 238-1 | 267      | 183      | 192      | 214      | 21.46   | cps   |
| Vanadium   | 51-2  | 230      | 217      | 203      | 217      | 6.15    | cps   |
| Yttrium    | 89-1  | 6512385  | 6621120  | 6609311  | 6580938  | 0.91    | cps   |
| Yttrium    | 89-2  | 340370   | 332698   | 337034   | 336701   | 1.14    | cps   |
| Zinc       | 66-2  | 2890     | 2627     | 2977     | 2831     | 6.44    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX6              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:10:35 | DataFile Name :   | 037SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 642  | 758  | 775  | 725     | 10.02  | cps   |
| Zirconium | 91-1 | 158  | 125  | 175  | 153     | 16.66  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX9              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:14:03 | DataFile Name :   | 038SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 5062    | 5225    | 5197    | 5161    | 1.69   | cps   |
| Antimony   | 121-1 | 11364   | 11614   | 11647   | 11542   | 1.34   | cps   |
| Arsenic    | 75-2  | 767     | 809     | 767     | 781     | 3.15   | cps   |
| Barium     | 135-1 | 115460  | 115686  | 115192  | 115446  | 0.21   | cps   |
| Barium     | 137-1 | 197825  | 203188  | 200428  | 200480  | 1.34   | cps   |
| Beryllium  | 9-1   | 93      | 57      | 90      | 80      | 25.34  | cps   |
| Bismuth    | 209-1 | 3361170 | 3522529 | 3424084 | 3435928 | 2.37   | cps   |
| Bismuth    | 209-2 | 1420139 | 1414375 | 1414125 | 1416213 | 0.24   | cps   |
| Boron      | 10-1  | 7552    | 8161    | 7652    | 7789    | 4.19   | cps   |
| Boron      | 11-1  | 35921   | 37684   | 37241   | 36948   | 2.48   | cps   |
| Cadmium    | 111-1 | 1231    | 1299    | 1323    | 1284    | 3.71   | cps   |
| Cadmium    | 106-1 | 1750    | 1817    | 1850    | 1806    | 2.82   | cps   |
| Cadmium    | 108-1 | 33      | 33      | 38      | 35      | 6.93   | cps   |
| Calcium    | 43-1  | 178689  | 177059  | 178537  | 178095  | 0.51   | cps   |
| Calcium    | 44-1  | 2920789 | 2920314 | 2935884 | 2925662 | 0.30   | cps   |
| Chromium   | 52-2  | 2097    | 2087    | 2137    | 2107    | 1.26   | cps   |
| Cobalt     | 59-2  | 1257    | 1327    | 1210    | 1265    | 4.64   | cps   |
| Copper     | 63-2  | 7185    | 7195    | 7412    | 7264    | 1.76   | cps   |
| Dysprosium | 156-1 | 33      | 8       | 25      | 22      | 57.29  | cps   |
| Dysprosium | 156-2 | 3       | 10      | 0       | 4       | 114.60 | cps   |
| Erbium     | 164-1 | 58      | 42      | 58      | 53      | 18.23  | cps   |
| Erbium     | 164-2 | 17      | 17      | 7       | 13      | 43.29  | cps   |
| Gadolinium | 160-1 | 83      | 108     | 67      | 86      | 24.35  | cps   |
| Gadolinium | 160-2 | 13      | 7       | 23      | 14      | 58.06  | cps   |
| Holmium    | 165-1 | 5765954 | 6121802 | 5949149 | 5945635 | 2.99   | cps   |
| Holmium    | 165-2 | 2040631 | 2051933 | 2020417 | 2037661 | 0.78   | cps   |
| Indium     | 115-1 | 5494635 | 5776348 | 5574610 | 5615198 | 2.59   | cps   |
| Indium     | 115-2 | 428978  | 433087  | 428298  | 430121  | 0.60   | cps   |
| Iron       | 56-2  | 45191   | 44517   | 44506   | 44738   | 0.88   | cps   |
| Iron       | 57-2  | 1128    | 1106    | 1300    | 1178    | 9.04   | cps   |
| Krypton    | 83-1  | 837     | 820     | 787     | 814     | 3.13   | cps   |
| Lead       | 206-1 | 1995    | 2117    | 2356    | 2156    | 8.52   | cps   |
| Lead       | 207-1 | 1567    | 1672    | 1922    | 1721    | 10.62  | cps   |
| Lead       | 208-1 | 7851    | 8279    | 8563    | 8231    | 4.35   | cps   |
| Lithium    | 6-1   | 1426853 | 1497665 | 1502007 | 1475508 | 2.86   | cps   |
| Magnesium  | 24-2  | 1925    | 1592    | 1992    | 1836    | 11.67  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX9              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:14:03 | DataFile Name :   | 038SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 390      | 423      | 383      | 399      | 5.37   | cps   |
| Molybdenum | 94-1  | 63022    | 62311    | 63843    | 63059    | 1.22   | cps   |
| Molybdenum | 95-1  | 108362   | 108567   | 108908   | 108613   | 0.25   | cps   |
| Molybdenum | 96-1  | 114556   | 115136   | 117026   | 115573   | 1.12   | cps   |
| Molybdenum | 97-1  | 68641    | 67234    | 68524    | 68133    | 1.15   | cps   |
| Molybdenum | 98-1  | 171357   | 172285   | 174596   | 172746   | 0.97   | cps   |
| Neodymium  | 150-1 | 67       | 53       | 27       | 49       | 41.66  | cps   |
| Neodymium  | 150-2 | 3        | 7        | 0        | 3        | 100.05 | cps   |
| Nickel     | 60-2  | 1663     | 1690     | 1603     | 1652     | 2.69   | cps   |
| Phosphorus | 31-2  | 75       | 33       | 0        | 36       | 104.06 | cps   |
| Potassium  | 39-2  | 4114458  | 4084861  | 4033214  | 4077511  | 1.01   | cps   |
| Rhodium    | 103-1 | 5348880  | 5579285  | 5485229  | 5471132  | 2.12   | cps   |
| Rhodium    | 103-2 | 2016021  | 2008140  | 2001436  | 2008532  | 0.36   | cps   |
| Scandium   | 45-1  | 4203685  | 4363103  | 4277217  | 4281335  | 1.86   | cps   |
| Scandium   | 45-2  | 56931    | 56058    | 56891    | 56627    | 0.87   | cps   |
| Selenium   | 77-2  | 0        | 3        | 3        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 6        | 4        | 4        | 4        | 24.86  | cps   |
| Selenium   | 82-1  | 129      | 63       | 102      | 98       | 33.95  | cps   |
| Silicon    | 28-1  | 36778065 | 37204133 | 37290566 | 37090922 | 0.74   | cps   |
| Silver     | 109-1 | 3159     | 3234     | 3259     | 3217     | 1.62   | cps   |
| Silver     | 107-1 | 3184     | 3434     | 3551     | 3389     | 5.53   | cps   |
| Sodium     | 23-2  | 14654004 | 14555973 | 14391138 | 14533705 | 0.91   | cps   |
| Strontium  | 86-1  | 3561102  | 3617599  | 3624781  | 3601161  | 0.97   | cps   |
| Strontium  | 88-1  | 30461708 | 30540061 | 30669628 | 30557132 | 0.34   | cps   |
| Sulfur     | 34-1  | 1008568  | 993736   | 1002494  | 1001599  | 0.74   | cps   |
| Terbium    | 159-1 | 6096709  | 6429980  | 6179889  | 6235526  | 2.78   | cps   |
| Terbium    | 159-2 | 2023692  | 2025555  | 2002064  | 2017104  | 0.65   | cps   |
| Thallium   | 203-1 | 75       | 75       | 83       | 78       | 6.19   | cps   |
| Thallium   | 205-1 | 167      | 117      | 158      | 147      | 18.20  | cps   |
| Tin        | 118-1 | 12190    | 11614    | 12073    | 11959    | 2.54   | cps   |
| Titanium   | 47-1  | 1826     | 1192     | 1667     | 1562     | 21.13  | cps   |
| Uranium    | 238-1 | 558      | 542      | 558      | 553      | 1.74   | cps   |
| Vanadium   | 51-2  | 3754     | 3877     | 3707     | 3779     | 2.32   | cps   |
| Yttrium    | 89-1  | 6342418  | 6704718  | 6480834  | 6509323  | 2.81   | cps   |
| Yttrium    | 89-2  | 338091   | 340274   | 340498   | 339621   | 0.39   | cps   |
| Zinc       | 66-2  | 1283     | 1207     | 1267     | 1252     | 3.22   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-09            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX9              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:14:03 | DataFile Name :   | 038SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1017 | 717  | 767  | 833     | 19.31  | cps   |
| Zirconium | 91-1 | 175  | 158  | 208  | 181     | 14.10  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECY0              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:17:30 | DataFile Name :   | 039SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 310     | 278     | 360     | 316     | 13.16  | cps   |
| Antimony   | 121-1 | 1959    | 1742    | 1859    | 1853    | 5.85   | cps   |
| Arsenic    | 75-2  | 154     | 117     | 174     | 148     | 19.65  | cps   |
| Barium     | 135-1 | 45020   | 45538   | 46927   | 45828   | 2.15   | cps   |
| Barium     | 137-1 | 80587   | 81593   | 79607   | 80595   | 1.23   | cps   |
| Beryllium  | 9-1   | 87      | 87      | 113     | 96      | 16.11  | cps   |
| Bismuth    | 209-1 | 3620305 | 3544732 | 3568896 | 3577977 | 1.08   | cps   |
| Bismuth    | 209-2 | 1471236 | 1456850 | 1461434 | 1463173 | 0.50   | cps   |
| Boron      | 10-1  | 4142    | 4326    | 4684    | 4384    | 6.29   | cps   |
| Boron      | 11-1  | 20524   | 19831   | 20541   | 20298   | 1.99   | cps   |
| Cadmium    | 111-1 | 1353    | 1219    | 1144    | 1239    | 8.54   | cps   |
| Cadmium    | 106-1 | 1934    | 1734    | 1642    | 1770    | 8.43   | cps   |
| Cadmium    | 108-1 | 13      | 33      | 25      | 24      | 44.41  | cps   |
| Calcium    | 43-1  | 347912  | 346557  | 340679  | 345049  | 1.11   | cps   |
| Calcium    | 44-1  | 5716494 | 5689946 | 5666617 | 5691019 | 0.44   | cps   |
| Chromium   | 52-2  | 1650    | 1790    | 1713    | 1718    | 4.08   | cps   |
| Cobalt     | 59-2  | 2757    | 2817    | 2670    | 2748    | 2.68   | cps   |
| Copper     | 63-2  | 8753    | 8770    | 8643    | 8722    | 0.79   | cps   |
| Dysprosium | 156-1 | 83      | 108     | 67      | 86      | 24.35  | cps   |
| Dysprosium | 156-2 | 27      | 20      | 37      | 28      | 30.20  | cps   |
| Erbium     | 164-1 | 50      | 117     | 50      | 72      | 53.30  | cps   |
| Erbium     | 164-2 | 7       | 27      | 30      | 21      | 59.77  | cps   |
| Gadolinium | 160-1 | 108     | 108     | 167     | 128     | 26.36  | cps   |
| Gadolinium | 160-2 | 27      | 40      | 33      | 33      | 20.00  | cps   |
| Holmium    | 165-1 | 6146885 | 5979990 | 6077926 | 6068267 | 1.38   | cps   |
| Holmium    | 165-2 | 2069762 | 2081435 | 2091160 | 2080786 | 0.51   | cps   |
| Indium     | 115-1 | 5886811 | 5787455 | 5792939 | 5822402 | 0.96   | cps   |
| Indium     | 115-2 | 436511  | 428853  | 418027  | 427797  | 2.17   | cps   |
| Iron       | 56-2  | 849483  | 846426  | 840232  | 845381  | 0.56   | cps   |
| Iron       | 57-2  | 21133   | 21216   | 20805   | 21052   | 1.03   | cps   |
| Krypton    | 83-1  | 857     | 763     | 753     | 791     | 7.20   | cps   |
| Lead       | 206-1 | 1211    | 1089    | 961     | 1087    | 11.50  | cps   |
| Lead       | 207-1 | 867     | 895     | 956     | 906     | 5.02   | cps   |
| Lead       | 208-1 | 4034    | 4217    | 3989    | 4080    | 2.96   | cps   |
| Lithium    | 6-1   | 1475539 | 1507308 | 1499863 | 1494236 | 1.11   | cps   |
| Magnesium  | 24-2  | 162342  | 160429  | 156409  | 159727  | 1.90   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECY0              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:17:30 | DataFile Name :   | 039SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 151980   | 150780   | 151272   | 151344   | 0.40   | cps   |
| Molybdenum | 94-1  | 21192    | 21468    | 20933    | 21198    | 1.26   | cps   |
| Molybdenum | 95-1  | 36601    | 36158    | 36492    | 36417    | 0.63   | cps   |
| Molybdenum | 96-1  | 39617    | 39392    | 39108    | 39372    | 0.65   | cps   |
| Molybdenum | 97-1  | 22929    | 23396    | 24473    | 23599    | 3.36   | cps   |
| Molybdenum | 98-1  | 59138    | 59457    | 59582    | 59392    | 0.39   | cps   |
| Neodymium  | 150-1 | 127      | 113      | 167      | 136      | 20.47  | cps   |
| Neodymium  | 150-2 | 37       | 17       | 27       | 27       | 37.50  | cps   |
| Nickel     | 60-2  | 860      | 947      | 913      | 907      | 4.82   | cps   |
| Phosphorus | 31-2  | 17       | 25       | 0        | 14       | 91.65  | cps   |
| Potassium  | 39-2  | 369978   | 372886   | 365007   | 369290   | 1.08   | cps   |
| Rhodium    | 103-1 | 5631298  | 5635201  | 5652466  | 5639655  | 0.20   | cps   |
| Rhodium    | 103-2 | 2050861  | 2033262  | 1973668  | 2019264  | 2.00   | cps   |
| Scandium   | 45-1  | 4354707  | 4354443  | 4356904  | 4355352  | 0.03   | cps   |
| Scandium   | 45-2  | 56774    | 55820    | 55406    | 56000    | 1.25   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 4        | 7        | 6        | 6        | 33.38  | cps   |
| Selenium   | 82-1  | -6       | 113      | 79       | 62       | 99.05  | cps   |
| Silicon    | 28-1  | 28809700 | 28740216 | 28488352 | 28679423 | 0.59   | cps   |
| Silver     | 109-1 | 3417     | 3426     | 3342     | 3395     | 1.35   | cps   |
| Silver     | 107-1 | 3376     | 3459     | 3526     | 3453     | 2.18   | cps   |
| Sodium     | 23-2  | 3440353  | 3401182  | 3383827  | 3408454  | 0.85   | cps   |
| Strontium  | 86-1  | 292817   | 289230   | 291185   | 291078   | 0.62   | cps   |
| Strontium  | 88-1  | 2539261  | 2529026  | 2542029  | 2536772  | 0.27   | cps   |
| Sulfur     | 34-1  | 849172   | 838828   | 837612   | 841871   | 0.75   | cps   |
| Terbium    | 159-1 | 6394196  | 6379247  | 6338965  | 6370803  | 0.45   | cps   |
| Terbium    | 159-2 | 2080200  | 2056060  | 2038519  | 2058259  | 1.02   | cps   |
| Thallium   | 203-1 | 50       | 100      | 58       | 69       | 38.58  | cps   |
| Thallium   | 205-1 | 108      | 125      | 100      | 111      | 11.46  | cps   |
| Tin        | 118-1 | 2992     | 2767     | 3059     | 2939     | 5.20   | cps   |
| Titanium   | 47-1  | 1125     | 1058     | 900      | 1028     | 11.25  | cps   |
| Uranium    | 238-1 | 5118     | 4793     | 4743     | 4885     | 4.17   | cps   |
| Vanadium   | 51-2  | 237      | 260      | 293      | 263      | 10.82  | cps   |
| Yttrium    | 89-1  | 6607998  | 6641332  | 6670954  | 6640094  | 0.47   | cps   |
| Yttrium    | 89-2  | 338573   | 341093   | 332357   | 337341   | 1.33   | cps   |
| Zinc       | 66-2  | 2497     | 2447     | 2510     | 2485     | 1.34   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-10            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECY0              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:17:30 | DataFile Name :   | 039SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 808  | 883  | 767  | 820     | 7.22   | cps   |
| Zirconium | 91-1 | 167  | 167  | 225  | 186     | 18.10  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-13            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECY3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:20:57 | DataFile Name :   | 040SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 1318    | 1328    | 1395    | 1347    | 3.13   | cps   |
| Antimony   | 121-1 | 2534    | 2242    | 2425    | 2400    | 6.14   | cps   |
| Arsenic    | 75-2  | 261     | 261     | 281     | 268     | 4.39   | cps   |
| Barium     | 135-1 | 43966   | 42854   | 44233   | 43684   | 1.67   | cps   |
| Barium     | 137-1 | 76387   | 76338   | 75415   | 76047   | 0.72   | cps   |
| Beryllium  | 9-1   | 127     | 97      | 120     | 114     | 13.76  | cps   |
| Bismuth    | 209-1 | 3586032 | 3691747 | 3662471 | 3646750 | 1.50   | cps   |
| Bismuth    | 209-2 | 1462973 | 1451261 | 1460539 | 1458258 | 0.42   | cps   |
| Boron      | 10-1  | 5126    | 5101    | 5735    | 5321    | 6.74   | cps   |
| Boron      | 11-1  | 24463   | 24488   | 25899   | 24950   | 3.29   | cps   |
| Cadmium    | 111-1 | 1464    | 1281    | 1221    | 1322    | 9.60   | cps   |
| Cadmium    | 106-1 | 2075    | 1850    | 1759    | 1895    | 8.60   | cps   |
| Cadmium    | 108-1 | 25      | 38      | 21      | 28      | 31.23  | cps   |
| Calcium    | 43-1  | 269891  | 270294  | 273651  | 271279  | 0.76   | cps   |
| Calcium    | 44-1  | 4506932 | 4516275 | 4580155 | 4534454 | 0.88   | cps   |
| Chromium   | 52-2  | 2134    | 2160    | 2080    | 2125    | 1.92   | cps   |
| Cobalt     | 59-2  | 1387    | 1380    | 1337    | 1368    | 1.99   | cps   |
| Copper     | 63-2  | 5568    | 5698    | 5611    | 5626    | 1.18   | cps   |
| Dysprosium | 156-1 | 233     | 192     | 217     | 214     | 9.81   | cps   |
| Dysprosium | 156-2 | 60      | 70      | 40      | 57      | 26.96  | cps   |
| Erbium     | 164-1 | 208     | 250     | 133     | 197     | 29.98  | cps   |
| Erbium     | 164-2 | 47      | 53      | 53      | 51      | 7.52   | cps   |
| Gadolinium | 160-1 | 308     | 158     | 258     | 242     | 31.60  | cps   |
| Gadolinium | 160-2 | 110     | 63      | 90      | 88      | 26.67  | cps   |
| Holmium    | 165-1 | 6152568 | 6147189 | 6093921 | 6131226 | 0.53   | cps   |
| Holmium    | 165-2 | 2082337 | 2057949 | 2043262 | 2061183 | 0.96   | cps   |
| Indium     | 115-1 | 5746110 | 5830017 | 5873886 | 5816671 | 1.12   | cps   |
| Indium     | 115-2 | 431512  | 425709  | 419860  | 425694  | 1.37   | cps   |
| Iron       | 56-2  | 1493438 | 1494077 | 1466670 | 1484728 | 1.05   | cps   |
| Iron       | 57-2  | 36827   | 36047   | 34738   | 35871   | 2.94   | cps   |
| Krypton    | 83-1  | 777     | 827     | 870     | 824     | 5.67   | cps   |
| Lead       | 206-1 | 2400    | 2317    | 2611    | 2443    | 6.21   | cps   |
| Lead       | 207-1 | 1906    | 1867    | 1967    | 1913    | 2.64   | cps   |
| Lead       | 208-1 | 9096    | 8913    | 9302    | 9103    | 2.14   | cps   |
| Lithium    | 6-1   | 1476119 | 1500795 | 1513208 | 1496707 | 1.26   | cps   |
| Magnesium  | 24-2  | 111921  | 110343  | 110015  | 110760  | 0.92   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-13            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECY3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:20:57 | DataFile Name :   | 040SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 103580   | 101562   | 99565    | 101569   | 1.98   | cps   |
| Molybdenum | 94-1  | 19974    | 20174    | 20074    | 20074    | 0.50   | cps   |
| Molybdenum | 95-1  | 33860    | 34185    | 34203    | 34083    | 0.57   | cps   |
| Molybdenum | 96-1  | 36175    | 36107    | 36350    | 36211    | 0.35   | cps   |
| Molybdenum | 97-1  | 21184    | 20608    | 21134    | 20975    | 1.52   | cps   |
| Molybdenum | 98-1  | 53641    | 54335    | 53724    | 53900    | 0.70   | cps   |
| Neodymium  | 150-1 | 280      | 460      | 300      | 347      | 28.46  | cps   |
| Neodymium  | 150-2 | 87       | 50       | 87       | 74       | 28.44  | cps   |
| Nickel     | 60-2  | 777      | 747      | 817      | 780      | 4.50   | cps   |
| Phosphorus | 31-2  | 42       | 50       | 50       | 47       | 10.18  | cps   |
| Potassium  | 39-2  | 219205   | 220588   | 217877   | 219223   | 0.62   | cps   |
| Rhodium    | 103-1 | 5633921  | 5624930  | 5707694  | 5655515  | 0.80   | cps   |
| Rhodium    | 103-2 | 2037868  | 2030491  | 1997782  | 2022047  | 1.06   | cps   |
| Scandium   | 45-1  | 4243278  | 4293573  | 4321347  | 4286066  | 0.92   | cps   |
| Scandium   | 45-2  | 55442    | 55981    | 54435    | 55286    | 1.42   | cps   |
| Selenium   | 77-2  | 3        | 10       | 7        | 7        | 50.03  | cps   |
| Selenium   | 78-2  | 9        | 2        | 7        | 6        | 62.47  | cps   |
| Selenium   | 82-1  | 112      | 133      | 65       | 103      | 33.85  | cps   |
| Silicon    | 28-1  | 25718784 | 25652445 | 25623044 | 25664758 | 0.19   | cps   |
| Silver     | 109-1 | 3284     | 2817     | 3026     | 3042     | 7.69   | cps   |
| Silver     | 107-1 | 3292     | 3084     | 3376     | 3251     | 4.62   | cps   |
| Sodium     | 23-2  | 6155870  | 6098233  | 5999921  | 6084675  | 1.30   | cps   |
| Strontium  | 86-1  | 311237   | 315375   | 317436   | 314683   | 1.00   | cps   |
| Strontium  | 88-1  | 2761908  | 2752934  | 2772586  | 2762476  | 0.36   | cps   |
| Sulfur     | 34-1  | 909792   | 917261   | 907197   | 911417   | 0.57   | cps   |
| Terbium    | 159-1 | 6424352  | 6431637  | 6537558  | 6464516  | 0.98   | cps   |
| Terbium    | 159-2 | 2082661  | 2090081  | 2036187  | 2069643  | 1.41   | cps   |
| Thallium   | 203-1 | 167      | 108      | 92       | 122      | 32.22  | cps   |
| Thallium   | 205-1 | 217      | 292      | 242      | 250      | 15.28  | cps   |
| Tin        | 118-1 | 3284     | 3517     | 3217     | 3339     | 4.72   | cps   |
| Titanium   | 47-1  | 1975     | 2134     | 2235     | 2115     | 6.18   | cps   |
| Uranium    | 238-1 | 7678     | 7469     | 7853     | 7667     | 2.50   | cps   |
| Vanadium   | 51-2  | 340      | 317      | 343      | 333      | 4.36   | cps   |
| Yttrium    | 89-1  | 6652152  | 6630805  | 6640049  | 6641002  | 0.16   | cps   |
| Yttrium    | 89-2  | 338205   | 333930   | 330162   | 334099   | 1.20   | cps   |
| Zinc       | 66-2  | 1914     | 1937     | 1990     | 1947     | 2.02   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-13            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECY3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:20:57 | DataFile Name :   | 040SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1692 | 1975 | 2309 | 1992    | 15.50  | cps   |
| Zirconium | 91-1 | 458  | 375  | 458  | 431     | 11.17  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-14            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECY5              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:24:24 | DataFile Name :   | 041SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 488     | 528     | 545     | 520     | 5.67   | cps   |
| Antimony   | 121-1 | 1575    | 1575    | 2017    | 1722    | 14.81  | cps   |
| Arsenic    | 75-2  | 19      | 19      | 19      | 19      | 0.00   | cps   |
| Barium     | 135-1 | 78785   | 76790   | 77554   | 77710   | 1.30   | cps   |
| Barium     | 137-1 | 136946  | 133341  | 135406  | 135231  | 1.34   | cps   |
| Beryllium  | 9-1   | 253     | 263     | 190     | 236     | 16.88  | cps   |
| Bismuth    | 209-1 | 3721450 | 3841232 | 3764239 | 3775640 | 1.61   | cps   |
| Bismuth    | 209-2 | 1502210 | 1502686 | 1509533 | 1504810 | 0.27   | cps   |
| Boron      | 10-1  | 12206   | 12564   | 12364   | 12378   | 1.45   | cps   |
| Boron      | 11-1  | 59131   | 60579   | 62730   | 60813   | 2.98   | cps   |
| Cadmium    | 111-1 | 1398    | 1334    | 1405    | 1379    | 2.83   | cps   |
| Cadmium    | 106-1 | 1875    | 1759    | 1859    | 1831    | 3.45   | cps   |
| Cadmium    | 108-1 | 21      | 25      | 0       | 15      | 87.67  | cps   |
| Calcium    | 43-1  | 406988  | 408359  | 408899  | 408082  | 0.24   | cps   |
| Calcium    | 44-1  | 6755450 | 6686632 | 6758474 | 6733519 | 0.60   | cps   |
| Chromium   | 52-2  | 3874    | 3647    | 3617    | 3713    | 3.78   | cps   |
| Cobalt     | 59-2  | 6458    | 6312    | 6402    | 6390    | 1.16   | cps   |
| Copper     | 63-2  | 17808   | 17882   | 17495   | 17728   | 1.16   | cps   |
| Dysprosium | 156-1 | 417     | 358     | 358     | 378     | 8.92   | cps   |
| Dysprosium | 156-2 | 150     | 157     | 123     | 143     | 12.30  | cps   |
| Erbium     | 164-1 | 392     | 358     | 283     | 344     | 16.11  | cps   |
| Erbium     | 164-2 | 100     | 97      | 97      | 98      | 1.97   | cps   |
| Gadolinium | 160-1 | 433     | 433     | 383     | 417     | 6.93   | cps   |
| Gadolinium | 160-2 | 153     | 167     | 167     | 162     | 4.74   | cps   |
| Holmium    | 165-1 | 6351823 | 6253735 | 6272333 | 6292631 | 0.83   | cps   |
| Holmium    | 165-2 | 2108148 | 2057423 | 2115668 | 2093746 | 1.51   | cps   |
| Indium     | 115-1 | 5886661 | 5907145 | 5984280 | 5926029 | 0.87   | cps   |
| Indium     | 115-2 | 432313  | 426179  | 429789  | 429427  | 0.72   | cps   |
| Iron       | 56-2  | 77336   | 76359   | 76930   | 76875   | 0.64   | cps   |
| Iron       | 57-2  | 2028    | 1867    | 1867    | 1921    | 4.84   | cps   |
| Krypton    | 83-1  | 917     | 963     | 827     | 902     | 7.70   | cps   |
| Lead       | 206-1 | 1822    | 1850    | 1817    | 1830    | 0.98   | cps   |
| Lead       | 207-1 | 1678    | 1667    | 1561    | 1635    | 3.94   | cps   |
| Lead       | 208-1 | 7329    | 7729    | 7607    | 7555    | 2.71   | cps   |
| Lithium    | 6-1   | 1464599 | 1491772 | 1495807 | 1484060 | 1.14   | cps   |
| Magnesium  | 24-2  | 273934  | 273381  | 273056  | 273457  | 0.16   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-14            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECY5              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:24:24 | DataFile Name :   | 041SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 6979     | 7055     | 6919     | 6984     | 0.98   | cps   |
| Molybdenum | 94-1  | 867      | 925      | 825      | 872      | 5.76   | cps   |
| Molybdenum | 95-1  | 1158     | 917      | 1158     | 1078     | 12.95  | cps   |
| Molybdenum | 96-1  | 1250     | 1250     | 1175     | 1225     | 3.54   | cps   |
| Molybdenum | 97-1  | 792      | 625      | 750      | 722      | 12.01  | cps   |
| Molybdenum | 98-1  | 1809     | 1917     | 1834     | 1853     | 3.06   | cps   |
| Neodymium  | 150-1 | 653      | 653      | 667      | 658      | 1.17   | cps   |
| Neodymium  | 150-2 | 177      | 167      | 127      | 157      | 16.89  | cps   |
| Nickel     | 60-2  | 3811     | 3651     | 3961     | 3807     | 4.07   | cps   |
| Phosphorus | 31-2  | 42       | 17       | 33       | 31       | 41.65  | cps   |
| Potassium  | 39-2  | 116974   | 117285   | 115185   | 116481   | 0.97   | cps   |
| Rhodium    | 103-1 | 5682260  | 5686995  | 5724543  | 5697933  | 0.41   | cps   |
| Rhodium    | 103-2 | 2065562  | 2024927  | 2043493  | 2044661  | 0.99   | cps   |
| Scandium   | 45-1  | 4271614  | 4237411  | 4296281  | 4268435  | 0.69   | cps   |
| Scandium   | 45-2  | 54843    | 55348    | 54355    | 54849    | 0.91   | cps   |
| Selenium   | 77-2  | 10       | 0        | 10       | 7        | 86.60  | cps   |
| Selenium   | 78-2  | 4        | 17       | 7        | 9        | 72.14  | cps   |
| Selenium   | 82-1  | 76       | 30       | 176      | 94       | 79.03  | cps   |
| Silicon    | 28-1  | 24606350 | 24424281 | 24563447 | 24531359 | 0.39   | cps   |
| Silver     | 109-1 | 2959     | 3301     | 3251     | 3170     | 5.82   | cps   |
| Silver     | 107-1 | 3417     | 3559     | 3259     | 3412     | 4.40   | cps   |
| Sodium     | 23-2  | 2897813  | 2880078  | 2874080  | 2883990  | 0.43   | cps   |
| Strontium  | 86-1  | 358126   | 357186   | 359281   | 358198   | 0.29   | cps   |
| Strontium  | 88-1  | 3127480  | 3150728  | 3103424  | 3127211  | 0.76   | cps   |
| Sulfur     | 34-1  | 1082343  | 1085869  | 1070554  | 1079589  | 0.74   | cps   |
| Terbium    | 159-1 | 6590142  | 6643953  | 6564421  | 6599505  | 0.61   | cps   |
| Terbium    | 159-2 | 2105916  | 2074804  | 2077884  | 2086201  | 0.82   | cps   |
| Thallium   | 203-1 | 242      | 333      | 275      | 283      | 16.38  | cps   |
| Thallium   | 205-1 | 742      | 667      | 650      | 686      | 7.12   | cps   |
| Tin        | 118-1 | 2659     | 3167     | 2950     | 2925     | 8.72   | cps   |
| Titanium   | 47-1  | 1208     | 1183     | 1267     | 1220     | 3.51   | cps   |
| Uranium    | 238-1 | 383      | 475      | 433      | 431      | 10.66  | cps   |
| Vanadium   | 51-2  | 263      | 260      | 317      | 280      | 11.36  | cps   |
| Yttrium    | 89-1  | 6723382  | 6694299  | 6720592  | 6712758  | 0.24   | cps   |
| Yttrium    | 89-2  | 335463   | 331762   | 335588   | 334271   | 0.65   | cps   |
| Zinc       | 66-2  | 4154     | 4124     | 4371     | 4216     | 3.19   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-14            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECY5              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:24:24 | DataFile Name :   | 041SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 958  | 750  | 733  | 814     | 15.40  | cps   |
| Zirconium | 91-1 | 225  | 217  | 225  | 222     | 2.16   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-15            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECY6              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:27:51 | DataFile Name :   | 042SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2318     | 2356     | 2411     | 2362     | 1.97   | cps   |
| Antimony   | 121-1 | 3684     | 3751     | 3651     | 3695     | 1.38   | cps   |
| Arsenic    | 75-2  | 246      | 267      | 187      | 233      | 17.73  | cps   |
| Barium     | 135-1 | 197572   | 203120   | 202392   | 201028   | 1.50   | cps   |
| Barium     | 137-1 | 349476   | 354770   | 350147   | 351464   | 0.82   | cps   |
| Beryllium  | 9-1   | 103      | 100      | 50       | 84       | 35.38  | cps   |
| Bismuth    | 209-1 | 3767378  | 3864115  | 3833639  | 3821710  | 1.29   | cps   |
| Bismuth    | 209-2 | 1519531  | 1510637  | 1500395  | 1510187  | 0.63   | cps   |
| Boron      | 10-1  | 5943     | 5901     | 5835     | 5893     | 0.93   | cps   |
| Boron      | 11-1  | 27436    | 27344    | 26676    | 27152    | 1.53   | cps   |
| Cadmium    | 111-1 | 1277     | 1291     | 1480     | 1349     | 8.42   | cps   |
| Cadmium    | 106-1 | 1800     | 1817     | 1975     | 1864     | 5.18   | cps   |
| Cadmium    | 108-1 | 83       | 104      | 75       | 88       | 17.17  | cps   |
| Calcium    | 43-1  | 906360   | 909737   | 907939   | 908012   | 0.19   | cps   |
| Calcium    | 44-1  | 14794754 | 15041982 | 15135900 | 14990879 | 1.18   | cps   |
| Chromium   | 52-2  | 2374     | 2260     | 2080     | 2238     | 6.61   | cps   |
| Cobalt     | 59-2  | 457      | 383      | 350      | 397      | 13.76  | cps   |
| Copper     | 63-2  | 7789     | 7742     | 7649     | 7727     | 0.92   | cps   |
| Dysprosium | 156-1 | 142      | 192      | 233      | 189      | 24.30  | cps   |
| Dysprosium | 156-2 | 27       | 30       | 87       | 48       | 70.58  | cps   |
| Erbium     | 164-1 | 100      | 158      | 142      | 133      | 22.53  | cps   |
| Erbium     | 164-2 | 27       | 33       | 27       | 29       | 13.31  | cps   |
| Gadolinium | 160-1 | 150      | 250      | 233      | 211      | 25.38  | cps   |
| Gadolinium | 160-2 | 63       | 57       | 73       | 64       | 13.01  | cps   |
| Holmium    | 165-1 | 6296311  | 6484407  | 6416315  | 6399011  | 1.49   | cps   |
| Holmium    | 165-2 | 2124794  | 2154266  | 2134805  | 2137955  | 0.70   | cps   |
| Indium     | 115-1 | 6026781  | 6003793  | 5952351  | 5994308  | 0.64   | cps   |
| Indium     | 115-2 | 436328   | 430662   | 433263   | 433418   | 0.65   | cps   |
| Iron       | 56-2  | 205073   | 205537   | 203689   | 204766   | 0.47   | cps   |
| Iron       | 57-2  | 5407     | 5373     | 5146     | 5309     | 2.68   | cps   |
| Krypton    | 83-1  | 907      | 823      | 803      | 844      | 6.49   | cps   |
| Lead       | 206-1 | 2595     | 2317     | 2689     | 2534     | 7.64   | cps   |
| Lead       | 207-1 | 2150     | 2178     | 2267     | 2198     | 2.77   | cps   |
| Lead       | 208-1 | 10180    | 9713     | 9780     | 9891     | 2.55   | cps   |
| Lithium    | 6-1   | 1432348  | 1483153  | 1477860  | 1464454  | 1.91   | cps   |
| Magnesium  | 24-2  | 5718     | 5860     | 5826     | 5801     | 1.28   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-15            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECY6              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:27:51 | DataFile Name :   | 042SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1940     | 2080     | 1994     | 2005     | 3.53   | cps   |
| Molybdenum | 94-1  | 194559   | 196993   | 194789   | 195447   | 0.69   | cps   |
| Molybdenum | 95-1  | 337498   | 339237   | 337024   | 337920   | 0.34   | cps   |
| Molybdenum | 96-1  | 359161   | 365474   | 359427   | 361354   | 0.99   | cps   |
| Molybdenum | 97-1  | 210003   | 210935   | 212417   | 211118   | 0.58   | cps   |
| Molybdenum | 98-1  | 536489   | 535956   | 544737   | 539061   | 0.91   | cps   |
| Neodymium  | 150-1 | 307      | 267      | 233      | 269      | 13.65  | cps   |
| Neodymium  | 150-2 | 80       | 53       | 50       | 61       | 26.91  | cps   |
| Nickel     | 60-2  | 523      | 410      | 487      | 473      | 12.22  | cps   |
| Phosphorus | 31-2  | 17       | 25       | 50       | 31       | 56.77  | cps   |
| Potassium  | 39-2  | 2324654  | 2260174  | 2284539  | 2289789  | 1.42   | cps   |
| Rhodium    | 103-1 | 5856771  | 5823001  | 5828381  | 5836051  | 0.31   | cps   |
| Rhodium    | 103-2 | 2074326  | 2036386  | 2031434  | 2047382  | 1.15   | cps   |
| Scandium   | 45-1  | 4338189  | 4393951  | 4366227  | 4366122  | 0.64   | cps   |
| Scandium   | 45-2  | 54586    | 55332    | 55161    | 55026    | 0.71   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 11       | 7        | 6        | 8        | 35.21  | cps   |
| Selenium   | 82-1  | 181      | 167      | 232      | 193      | 17.87  | cps   |
| Silicon    | 28-1  | 22387470 | 22337384 | 22193906 | 22306254 | 0.45   | cps   |
| Silver     | 109-1 | 2800     | 2767     | 2950     | 2839     | 3.44   | cps   |
| Silver     | 107-1 | 2784     | 2917     | 2917     | 2873     | 2.68   | cps   |
| Sodium     | 23-2  | 7034025  | 7059932  | 6999605  | 7031187  | 0.43   | cps   |
| Strontium  | 86-1  | 2398193  | 2391387  | 2408630  | 2399403  | 0.36   | cps   |
| Strontium  | 88-1  | 19943248 | 20014686 | 20033688 | 19997207 | 0.24   | cps   |
| Sulfur     | 34-1  | 1065958  | 1044694  | 1044103  | 1051585  | 1.18   | cps   |
| Terbium    | 159-1 | 6683299  | 6774433  | 6765016  | 6740916  | 0.74   | cps   |
| Terbium    | 159-2 | 2132501  | 2106978  | 2069638  | 2103039  | 1.50   | cps   |
| Thallium   | 203-1 | 17       | 92       | 33       | 47       | 83.40  | cps   |
| Thallium   | 205-1 | 175      | 158      | 108      | 147      | 23.57  | cps   |
| Tin        | 118-1 | 9287     | 9212     | 9179     | 9226     | 0.60   | cps   |
| Titanium   | 47-1  | 2628     | 1625     | 1625     | 1959     | 29.54  | cps   |
| Uranium    | 238-1 | 600      | 758      | 617      | 658      | 13.22  | cps   |
| Vanadium   | 51-2  | 1130     | 1177     | 1187     | 1165     | 2.60   | cps   |
| Yttrium    | 89-1  | 6776869  | 6856236  | 6853720  | 6828942  | 0.66   | cps   |
| Yttrium    | 89-2  | 340414   | 334902   | 335622   | 336979   | 0.89   | cps   |
| Zinc       | 66-2  | 1370     | 1273     | 1293     | 1312     | 3.89   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-15            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECY6              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:27:51 | DataFile Name :   | 042SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1100 | 1150 | 1233 | 1161    | 5.80   | cps   |
| Zirconium | 91-1 | 225  | 233  | 267  | 242     | 9.12   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-04A           | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX8A             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:31:18 | DataFile Name :   | 043SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1015     | 1018     | 918      | 984      | 5.80   | cps   |
| Antimony   | 121-1 | 1842     | 1967     | 2050     | 1953     | 5.37   | cps   |
| Arsenic    | 75-2  | 93       | 91       | 37       | 73       | 42.95  | cps   |
| Barium     | 135-1 | 124106   | 125810   | 125864   | 125260   | 0.80   | cps   |
| Barium     | 137-1 | 215178   | 221920   | 223928   | 220342   | 2.08   | cps   |
| Beryllium  | 9-1   | 353      | 360      | 367      | 360      | 1.85   | cps   |
| Bismuth    | 209-1 | 3834954  | 3895480  | 3939942  | 3890125  | 1.35   | cps   |
| Bismuth    | 209-2 | 1523069  | 1532515  | 1531169  | 1528917  | 0.33   | cps   |
| Boron      | 10-1  | 2667     | 2842     | 2567     | 2692     | 5.17   | cps   |
| Boron      | 11-1  | 13190    | 12673    | 12539    | 12801    | 2.68   | cps   |
| Cadmium    | 111-1 | 1556     | 1393     | 1516     | 1488     | 5.72   | cps   |
| Cadmium    | 106-1 | 2000     | 1775     | 1875     | 1884     | 5.99   | cps   |
| Cadmium    | 108-1 | 33       | 42       | 25       | 33       | 25.01  | cps   |
| Calcium    | 43-1  | 649384   | 660120   | 662721   | 657408   | 1.08   | cps   |
| Calcium    | 44-1  | 10719583 | 10801778 | 10903557 | 10808306 | 0.85   | cps   |
| Chromium   | 52-2  | 2057     | 1897     | 2107     | 2020     | 5.43   | cps   |
| Cobalt     | 59-2  | 12863    | 13066    | 12776    | 12902    | 1.15   | cps   |
| Copper     | 63-2  | 27808    | 28302    | 28723    | 28278    | 1.62   | cps   |
| Dysprosium | 156-1 | 567      | 842      | 842      | 750      | 21.17  | cps   |
| Dysprosium | 156-2 | 227      | 277      | 240      | 248      | 10.45  | cps   |
| Erbium     | 164-1 | 550      | 542      | 725      | 606      | 17.10  | cps   |
| Erbium     | 164-2 | 220      | 180      | 147      | 182      | 20.15  | cps   |
| Gadolinium | 160-1 | 775      | 825      | 675      | 758      | 10.07  | cps   |
| Gadolinium | 160-2 | 267      | 273      | 310      | 283      | 8.24   | cps   |
| Holmium    | 165-1 | 6388553  | 6438795  | 6486901  | 6438083  | 0.76   | cps   |
| Holmium    | 165-2 | 2106788  | 2139729  | 2112868  | 2119795  | 0.83   | cps   |
| Indium     | 115-1 | 5946824  | 5967842  | 6030464  | 5981710  | 0.73   | cps   |
| Indium     | 115-2 | 427165   | 426071   | 423647   | 425628   | 0.42   | cps   |
| Iron       | 56-2  | 197063   | 198607   | 200133   | 198601   | 0.77   | cps   |
| Iron       | 57-2  | 4651     | 5568     | 5123     | 5114     | 8.97   | cps   |
| Krypton    | 83-1  | 847      | 840      | 903      | 863      | 4.03   | cps   |
| Lead       | 206-1 | 3267     | 3056     | 3473     | 3265     | 6.38   | cps   |
| Lead       | 207-1 | 2684     | 2256     | 2845     | 2595     | 11.73  | cps   |
| Lead       | 208-1 | 12358    | 11875    | 12469    | 12234    | 2.58   | cps   |
| Lithium    | 6-1   | 1439585  | 1474548  | 1484184  | 1466105  | 1.60   | cps   |
| Magnesium  | 24-2  | 450784   | 449685   | 450546   | 450338   | 0.13   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-04A           | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX8A             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:31:18 | DataFile Name :   | 043SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 9527     | 9303     | 10100    | 9644     | 4.26   | cps   |
| Molybdenum | 94-1  | 2084     | 1900     | 1859     | 1947     | 6.15   | cps   |
| Molybdenum | 95-1  | 2742     | 2650     | 2667     | 2687     | 1.82   | cps   |
| Molybdenum | 96-1  | 2942     | 2692     | 2759     | 2798     | 4.63   | cps   |
| Molybdenum | 97-1  | 1517     | 1625     | 1792     | 1645     | 8.42   | cps   |
| Molybdenum | 98-1  | 4376     | 4126     | 4509     | 4337     | 4.49   | cps   |
| Neodymium  | 150-1 | 1160     | 1187     | 1233     | 1193     | 3.11   | cps   |
| Neodymium  | 150-2 | 217      | 247      | 263      | 242      | 9.76   | cps   |
| Nickel     | 60-2  | 6298     | 6392     | 6485     | 6392     | 1.46   | cps   |
| Phosphorus | 31-2  | 17       | 17       | 33       | 22       | 43.30  | cps   |
| Potassium  | 39-2  | 88755    | 88931    | 89962    | 89216    | 0.73   | cps   |
| Rhodium    | 103-1 | 5801084  | 5769063  | 5857874  | 5809340  | 0.77   | cps   |
| Rhodium    | 103-2 | 2022261  | 2064387  | 1991166  | 2025938  | 1.81   | cps   |
| Scandium   | 45-1  | 4283143  | 4370153  | 4322190  | 4325162  | 1.01   | cps   |
| Scandium   | 45-2  | 53475    | 53549    | 53398    | 53474    | 0.14   | cps   |
| Selenium   | 77-2  | 17       | 33       | 17       | 22       | 43.28  | cps   |
| Selenium   | 78-2  | 67       | 69       | 33       | 56       | 35.26  | cps   |
| Selenium   | 82-1  | 1487     | 1523     | 1428     | 1479     | 3.26   | cps   |
| Silicon    | 28-1  | 22265757 | 22546625 | 22607876 | 22473419 | 0.81   | cps   |
| Silver     | 109-1 | 2917     | 2692     | 2800     | 2803     | 4.01   | cps   |
| Silver     | 107-1 | 3101     | 2984     | 3101     | 3062     | 2.20   | cps   |
| Sodium     | 23-2  | 4429950  | 4427783  | 4391424  | 4416386  | 0.49   | cps   |
| Strontium  | 86-1  | 545099   | 550109   | 546408   | 547205   | 0.47   | cps   |
| Strontium  | 88-1  | 4706725  | 4767672  | 4761663  | 4745353  | 0.71   | cps   |
| Sulfur     | 34-1  | 770736   | 765420   | 767116   | 767757   | 0.35   | cps   |
| Terbium    | 159-1 | 6711087  | 6854159  | 6950394  | 6838547  | 1.76   | cps   |
| Terbium    | 159-2 | 2102428  | 2066979  | 2103863  | 2091090  | 1.00   | cps   |
| Thallium   | 203-1 | 308      | 292      | 342      | 314      | 8.11   | cps   |
| Thallium   | 205-1 | 833      | 825      | 925      | 861      | 6.44   | cps   |
| Tin        | 118-1 | 6002     | 5735     | 5535     | 5757     | 4.07   | cps   |
| Titanium   | 47-1  | 1208     | 1175     | 1809     | 1398     | 25.53  | cps   |
| Uranium    | 238-1 | 3251     | 3667     | 3542     | 3487     | 6.13   | cps   |
| Vanadium   | 51-2  | 733      | 790      | 767      | 763      | 3.73   | cps   |
| Yttrium    | 89-1  | 6823148  | 6876996  | 6857872  | 6852672  | 0.40   | cps   |
| Yttrium    | 89-2  | 329845   | 336005   | 330455   | 332102   | 1.02   | cps   |
| Zinc       | 66-2  | 7679     | 7819     | 7879     | 7792     | 1.32   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-04A           | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECX8A             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:31:18 | DataFile Name :   | 043SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1117 | 1258 | 1442 | 1272    | 12.81  | cps   |
| Zirconium | 91-1 | 267  | 317  | 292  | 292     | 8.57   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100678            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV072              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV072              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-02-05 14:39:17 | DataFile Name :   | 044CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 735830    | 740419    | 743750    | 740000    | 0.54   | cps   |
| Antimony   | 121-1 | 4964178   | 4983274   | 4992827   | 4980093   | 0.29   | cps   |
| Arsenic    | 75-2  | 98121     | 98719     | 98755     | 98532     | 0.36   | cps   |
| Barium     | 135-1 | 4985031   | 5013599   | 5010950   | 5003193   | 0.32   | cps   |
| Barium     | 137-1 | 8701273   | 8614972   | 8609608   | 8641951   | 0.60   | cps   |
| Beryllium  | 9-1   | 1089470   | 1069797   | 1079250   | 1079506   | 0.91   | cps   |
| Bismuth    | 209-1 | 3910481   | 3793735   | 3803289   | 3835835   | 1.69   | cps   |
| Bismuth    | 209-2 | 1529689   | 1511996   | 1502859   | 1514848   | 0.90   | cps   |
| Boron      | 10-1  | 131447    | 129590    | 133641    | 131559    | 1.54   | cps   |
| Boron      | 11-1  | 603485    | 616209    | 627056    | 615583    | 1.92   | cps   |
| Cadmium    | 111-1 | 1132771   | 1124292   | 1134658   | 1130574   | 0.49   | cps   |
| Cadmium    | 106-1 | 122259    | 122545    | 122747    | 122517    | 0.20   | cps   |
| Cadmium    | 108-1 | 84744     | 83930     | 84399     | 84358     | 0.48   | cps   |
| Calcium    | 43-1  | 6515995   | 6498886   | 6579996   | 6531626   | 0.65   | cps   |
| Calcium    | 44-1  | 106825348 | 106712245 | 108154302 | 107230632 | 0.75   | cps   |
| Chromium   | 52-2  | 780167    | 775242    | 776947    | 777452    | 0.32   | cps   |
| Cobalt     | 59-2  | 1511594   | 1483993   | 1514883   | 1503490   | 1.13   | cps   |
| Copper     | 63-2  | 2394078   | 2368160   | 2394389   | 2385542   | 0.63   | cps   |
| Dysprosium | 156-1 | 67        | 83        | 167       | 106       | 50.76  | cps   |
| Dysprosium | 156-2 | 7         | 17        | 3         | 9         | 78.08  | cps   |
| Erbium     | 164-1 | 42        | 92        | 33        | 56        | 56.79  | cps   |
| Erbium     | 164-2 | 3         | 3         | 20        | 9         | 108.30 | cps   |
| Gadolinium | 160-1 | 92        | 75        | 83        | 83        | 10.00  | cps   |
| Gadolinium | 160-2 | 33        | 37        | 27        | 32        | 15.80  | cps   |
| Holmium    | 165-1 | 6755050   | 6761318   | 6756970   | 6757779   | 0.05   | cps   |
| Holmium    | 165-2 | 2229617   | 2243457   | 2200874   | 2224649   | 0.98   | cps   |
| Indium     | 115-1 | 5906856   | 5947862   | 5944438   | 5933052   | 0.38   | cps   |
| Indium     | 115-2 | 435476    | 435152    | 432551    | 434393    | 0.37   | cps   |
| Iron       | 56-2  | 133278122 | 131686711 | 133007364 | 132657399 | 0.64   | cps   |
| Iron       | 57-2  | 3344669   | 3347710   | 3327658   | 3340012   | 0.32   | cps   |
| Krypton    | 83-1  | 917       | 877       | 840       | 878       | 4.37   | cps   |
| Lead       | 206-1 | 2474057   | 2437153   | 2457577   | 2456262   | 0.75   | cps   |
| Lead       | 207-1 | 2242417   | 2212540   | 2209450   | 2221469   | 0.82   | cps   |
| Lead       | 208-1 | 10047593  | 9938526   | 10017760  | 10001293  | 0.56   | cps   |
| Lithium    | 6-1   | 1324577   | 1293621   | 1317282   | 1311827   | 1.23   | cps   |
| Magnesium  | 24-2  | 14688295  | 14888914  | 14890913  | 14822707  | 0.79   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100678            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV072              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV072              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-02-05 14:39:17 | DataFile Name :   | 044CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 502400   | 501846   | 506954   | 503733   | 0.56   | cps   |
| Molybdenum | 94-1  | 9442823  | 9379717  | 9486550  | 9436364  | 0.57   | cps   |
| Molybdenum | 95-1  | 11789628 | 11710498 | 11793804 | 11764643 | 0.40   | cps   |
| Molybdenum | 96-1  | 13026311 | 12946353 | 13032545 | 13001737 | 0.37   | cps   |
| Molybdenum | 97-1  | 7323438  | 7360712  | 7338658  | 7340936  | 0.26   | cps   |
| Molybdenum | 98-1  | 18803456 | 18784389 | 18625917 | 18737921 | 0.52   | cps   |
| Neodymium  | 150-1 | 327      | 313      | 287      | 309      | 6.59   | cps   |
| Neodymium  | 150-2 | 20       | 23       | 27       | 23       | 14.29  | cps   |
| Nickel     | 60-2  | 423717   | 422868   | 421703   | 422763   | 0.24   | cps   |
| Phosphorus | 31-2  | 11672    | 11664    | 11213    | 11516    | 2.28   | cps   |
| Potassium  | 39-2  | 4966860  | 4974653  | 5002363  | 4981292  | 0.37   | cps   |
| Rhodium    | 103-1 | 5734148  | 5662977  | 5692542  | 5696556  | 0.63   | cps   |
| Rhodium    | 103-2 | 2043626  | 2065552  | 2016890  | 2042023  | 1.19   | cps   |
| Scandium   | 45-1  | 4428826  | 4448291  | 4422492  | 4433203  | 0.30   | cps   |
| Scandium   | 45-2  | 59160    | 58224    | 59529    | 58971    | 1.14   | cps   |
| Selenium   | 77-2  | 840      | 980      | 897      | 906      | 7.78   | cps   |
| Selenium   | 78-2  | 2843     | 2873     | 3026     | 2914     | 3.38   | cps   |
| Selenium   | 82-1  | 78334    | 78065    | 78381    | 78260    | 0.22   | cps   |
| Silicon    | 28-1  | 3131183  | 3121696  | 3164940  | 3139273  | 0.72   | cps   |
| Silver     | 109-1 | 5074915  | 4987985  | 5052787  | 5038562  | 0.90   | cps   |
| Silver     | 107-1 | 5276379  | 5312407  | 5320966  | 5303251  | 0.45   | cps   |
| Sodium     | 23-2  | 35096487 | 34695598 | 34891463 | 34894516 | 0.57   | cps   |
| Strontium  | 86-1  | 1698025  | 1677477  | 1699131  | 1691545  | 0.72   | cps   |
| Strontium  | 88-1  | 14339039 | 14271424 | 14232406 | 14280956 | 0.38   | cps   |
| Sulfur     | 34-1  | 1209535  | 1197600  | 1194329  | 1200488  | 0.67   | cps   |
| Terbium    | 159-1 | 7114893  | 7042227  | 7015247  | 7057456  | 0.73   | cps   |
| Terbium    | 159-2 | 2221924  | 2210210  | 2198802  | 2210312  | 0.52   | cps   |
| Thallium   | 203-1 | 3108885  | 3114024  | 3110051  | 3110986  | 0.09   | cps   |
| Thallium   | 205-1 | 7313206  | 7261705  | 7317338  | 7297416  | 0.42   | cps   |
| Tin        | 118-1 | 3388520  | 3431227  | 3385546  | 3401764  | 0.75   | cps   |
| Titanium   | 47-1  | 3411669  | 3450048  | 3421777  | 3427832  | 0.58   | cps   |
| Uranium    | 238-1 | 9120694  | 8839765  | 8928566  | 8963008  | 1.60   | cps   |
| Vanadium   | 51-2  | 585209   | 583790   | 582391   | 583797   | 0.24   | cps   |
| Yttrium    | 89-1  | 6958263  | 6970974  | 7019926  | 6983055  | 0.47   | cps   |
| Yttrium    | 89-2  | 355049   | 356140   | 357147   | 356112   | 0.29   | cps   |
| Zinc       | 66-2  | 262028   | 263476   | 266058   | 263854   | 0.77   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100678            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV072              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV072              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-02-05 14:39:17 | DataFile Name :   | 044CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 7525120 | 7493044 | 7427940 | 7482035 | 0.66   | cps   |
| Zirconium | 91-1 | 1673401 | 1678013 | 1697919 | 1683111 | 0.77   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB072              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB072              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:43:43 | DataFile Name :   | 045CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 75      | 53      | 58      | 62      | 19.16  | cps   |
| Antimony   | 121-1 | 1500    | 1659    | 1492    | 1550    | 6.06   | cps   |
| Arsenic    | 75-2  | 26      | 11      | 7       | 15      | 66.15  | cps   |
| Barium     | 135-1 | 42      | 42      | 75      | 53      | 36.46  | cps   |
| Barium     | 137-1 | 167     | 167     | 175     | 169     | 2.84   | cps   |
| Beryllium  | 9-1   | 160     | 73      | 100     | 111     | 39.95  | cps   |
| Bismuth    | 209-1 | 3981000 | 3960287 | 4008268 | 3983185 | 0.60   | cps   |
| Bismuth    | 209-2 | 1619605 | 1601635 | 1607408 | 1609549 | 0.57   | cps   |
| Boron      | 10-1  | 2117    | 2184    | 2134    | 2145    | 1.62   | cps   |
| Boron      | 11-1  | 9404    | 8962    | 8886    | 9084    | 3.08   | cps   |
| Cadmium    | 111-1 | 1454    | 1410    | 1430    | 1431    | 1.52   | cps   |
| Cadmium    | 106-1 | 2075    | 2009    | 2025    | 2036    | 1.70   | cps   |
| Cadmium    | 108-1 | 17      | 0       | 0       | 6       | 173.21 | cps   |
| Calcium    | 43-1  | 913     | 943     | 900     | 919     | 2.42   | cps   |
| Calcium    | 44-1  | 44644   | 43976   | 43705   | 44108   | 1.10   | cps   |
| Chromium   | 52-2  | 1403    | 1357    | 1353    | 1371    | 2.04   | cps   |
| Cobalt     | 59-2  | 53      | 80      | 87      | 73      | 24.06  | cps   |
| Copper     | 63-2  | 2034    | 2107    | 2010    | 2050    | 2.46   | cps   |
| Dysprosium | 156-1 | 0       | 8       | 8       | 6       | 86.60  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 25      | 50      | 25      | 33      | 43.30  | cps   |
| Erbium     | 164-2 | 7       | 13      | 0       | 7       | 99.98  | cps   |
| Gadolinium | 160-1 | 75      | 83      | 50      | 69      | 24.98  | cps   |
| Gadolinium | 160-2 | 7       | 3       | 7       | 6       | 34.70  | cps   |
| Holmium    | 165-1 | 6473237 | 6578731 | 6584750 | 6545573 | 0.96   | cps   |
| Holmium    | 165-2 | 2258650 | 2213838 | 2245454 | 2239314 | 1.03   | cps   |
| Indium     | 115-1 | 6027741 | 6149465 | 6007148 | 6061451 | 1.27   | cps   |
| Indium     | 115-2 | 453313  | 447897  | 451033  | 450747  | 0.60   | cps   |
| Iron       | 56-2  | 3556    | 3267    | 3467    | 3430    | 4.31   | cps   |
| Iron       | 57-2  | 72      | 139     | 94      | 102     | 33.33  | cps   |
| Krypton    | 83-1  | 810     | 803     | 890     | 834     | 5.78   | cps   |
| Lead       | 206-1 | 1067    | 1022    | 1156    | 1082    | 6.28   | cps   |
| Lead       | 207-1 | 956     | 1067    | 995     | 1006    | 5.61   | cps   |
| Lead       | 208-1 | 4373    | 4423    | 4528    | 4441    | 1.79   | cps   |
| Lithium    | 6-1   | 1337658 | 1352903 | 1362129 | 1350897 | 0.91   | cps   |
| Magnesium  | 24-2  | 342     | 308     | 417     | 356     | 15.61  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB072              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB072              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:43:43 | DataFile Name :   | 045CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 60      | 57      | 50      | 56      | 9.17   | cps   |
| Molybdenum | 94-1  | 592     | 767     | 667     | 675     | 13.01  | cps   |
| Molybdenum | 95-1  | 692     | 583     | 608     | 628     | 9.04   | cps   |
| Molybdenum | 96-1  | 792     | 675     | 675     | 714     | 9.44   | cps   |
| Molybdenum | 97-1  | 358     | 342     | 392     | 364     | 7.00   | cps   |
| Molybdenum | 98-1  | 1025    | 1025    | 783     | 945     | 14.77  | cps   |
| Neodymium  | 150-1 | 7       | 20      | 13      | 13      | 49.99  | cps   |
| Neodymium  | 150-2 | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Nickel     | 60-2  | 67      | 73      | 73      | 71      | 5.41   | cps   |
| Phosphorus | 31-2  | 42      | 8       | 17      | 22      | 78.07  | cps   |
| Potassium  | 39-2  | 8244    | 8436    | 8461    | 8381    | 1.42   | cps   |
| Rhodium    | 103-1 | 5921615 | 6065364 | 6002143 | 5996374 | 1.20   | cps   |
| Rhodium    | 103-2 | 2151782 | 2178486 | 2153914 | 2161394 | 0.69   | cps   |
| Scandium   | 45-1  | 4447269 | 4447499 | 4445736 | 4446835 | 0.02   | cps   |
| Scandium   | 45-2  | 55851   | 55643   | 56232   | 55909   | 0.53   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 6       | 6       | 2       | 4       | 49.54  | cps   |
| Selenium   | 82-1  | 71      | 11      | -6      | 26      | 158.62 | cps   |
| Silicon    | 28-1  | 519005  | 516019  | 518110  | 517711  | 0.30   | cps   |
| Silver     | 109-1 | 675     | 600     | 742     | 672     | 10.54  | cps   |
| Silver     | 107-1 | 717     | 750     | 700     | 722     | 3.52   | cps   |
| Sodium     | 23-2  | 16310   | 16452   | 16101   | 16288   | 1.08   | cps   |
| Strontium  | 86-1  | 1367    | 1400    | 1125    | 1297    | 11.57  | cps   |
| Strontium  | 88-1  | 283     | 142     | 225     | 217     | 32.86  | cps   |
| Sulfur     | 34-1  | 845265  | 840329  | 844201  | 843265  | 0.31   | cps   |
| Terbium    | 159-1 | 6816987 | 6796173 | 6903181 | 6838780 | 0.83   | cps   |
| Terbium    | 159-2 | 2259433 | 2197216 | 2220731 | 2225793 | 1.41   | cps   |
| Thallium   | 203-1 | 367     | 408     | 542     | 439     | 20.83  | cps   |
| Thallium   | 205-1 | 925     | 1050    | 1125    | 1033    | 9.78   | cps   |
| Tin        | 118-1 | 383     | 542     | 542     | 489     | 18.70  | cps   |
| Titanium   | 47-1  | 250     | 158     | 275     | 228     | 26.97  | cps   |
| Uranium    | 238-1 | 108     | 108     | 133     | 117     | 12.37  | cps   |
| Vanadium   | 51-2  | 3       | 33      | 17      | 18      | 84.55  | cps   |
| Yttrium    | 89-1  | 6938943 | 6877976 | 7061456 | 6959458 | 1.34   | cps   |
| Yttrium    | 89-2  | 354855  | 349966  | 353402  | 352741  | 0.71   | cps   |
| Zinc       | 66-2  | 103     | 93      | 123     | 107     | 14.32  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB072              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB072              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:43:43 | DataFile Name :   | 045CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 700  | 558  | 708  | 656     | 12.86  | cps   |
| Zirconium | 91-1 | 183  | 167  | 200  | 183     | 9.09   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-16            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECY8              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:47:13 | DataFile Name :   | 046SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 816293   | 818310   | 819137   | 817913   | 0.18   | cps   |
| Antimony   | 121-1 | 3892     | 3934     | 3884     | 3904     | 0.69   | cps   |
| Arsenic    | 75-2  | 6729     | 6826     | 6815     | 6790     | 0.78   | cps   |
| Barium     | 135-1 | 1319779  | 1317054  | 1312872  | 1316568  | 0.26   | cps   |
| Barium     | 137-1 | 2332569  | 2335243  | 2317624  | 2328479  | 0.41   | cps   |
| Beryllium  | 9-1   | 35841    | 35778    | 35982    | 35867    | 0.29   | cps   |
| Bismuth    | 209-1 | 3803082  | 3807213  | 3766536  | 3792277  | 0.59   | cps   |
| Bismuth    | 209-2 | 1510665  | 1492519  | 1498796  | 1500660  | 0.61   | cps   |
| Boron      | 10-1  | 36623    | 37918    | 38937    | 37826    | 3.07   | cps   |
| Boron      | 11-1  | 174424   | 178060   | 180388   | 177624   | 1.69   | cps   |
| Cadmium    | 111-1 | 3017     | 2884     | 3028     | 2976     | 2.70   | cps   |
| Cadmium    | 106-1 | 2442     | 2367     | 2534     | 2448     | 3.41   | cps   |
| Cadmium    | 108-1 | 150      | 200      | 196      | 182      | 15.25  | cps   |
| Calcium    | 43-1  | 1350465  | 1350782  | 1354349  | 1351865  | 0.16   | cps   |
| Calcium    | 44-1  | 21788351 | 21637753 | 21809225 | 21745109 | 0.43   | cps   |
| Chromium   | 52-2  | 71066    | 71779    | 71016    | 71287    | 0.60   | cps   |
| Cobalt     | 59-2  | 51194    | 50655    | 50682    | 50844    | 0.60   | cps   |
| Copper     | 63-2  | 134550   | 135284   | 135974   | 135269   | 0.53   | cps   |
| Dysprosium | 156-1 | 110887   | 113095   | 111389   | 111790   | 1.04   | cps   |
| Dysprosium | 156-2 | 35619    | 35448    | 35104    | 35390    | 0.74   | cps   |
| Erbium     | 164-1 | 92478    | 92755    | 95433    | 93555    | 1.74   | cps   |
| Erbium     | 164-2 | 29654    | 28745    | 29510    | 29303    | 1.67   | cps   |
| Gadolinium | 160-1 | 101184   | 102251   | 103443   | 102293   | 1.11   | cps   |
| Gadolinium | 160-2 | 41442    | 42339    | 41372    | 41718    | 1.29   | cps   |
| Holmium    | 165-1 | 6486033  | 6421216  | 6374683  | 6427311  | 0.87   | cps   |
| Holmium    | 165-2 | 2197920  | 2130000  | 2147227  | 2158382  | 1.64   | cps   |
| Indium     | 115-1 | 5880788  | 5821000  | 5949287  | 5883692  | 1.09   | cps   |
| Indium     | 115-2 | 442049   | 435057   | 432583   | 436563   | 1.12   | cps   |
| Iron       | 56-2  | 55046642 | 55396998 | 55303667 | 55249102 | 0.33   | cps   |
| Iron       | 57-2  | 1373188  | 1370577  | 1369938  | 1371234  | 0.13   | cps   |
| Krypton    | 83-1  | 977      | 920      | 977      | 958      | 3.42   | cps   |
| Lead       | 206-1 | 671271   | 672622   | 668524   | 670806   | 0.31   | cps   |
| Lead       | 207-1 | 529081   | 534970   | 527308   | 530453   | 0.76   | cps   |
| Lead       | 208-1 | 2545414  | 2562779  | 2543546  | 2550580  | 0.42   | cps   |
| Lithium    | 6-1   | 1393291  | 1387879  | 1426916  | 1402696  | 1.51   | cps   |
| Magnesium  | 24-2  | 674473   | 670120   | 667960   | 670851   | 0.49   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-16            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECY8              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:47:13 | DataFile Name :   | 046SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Manganese  | 55-2  | 654737    | 656774    | 653085    | 654866    | 0.28   | cps   |
| Molybdenum | 94-1  | 49483     | 51009     | 50077     | 50190     | 1.53   | cps   |
| Molybdenum | 95-1  | 66917     | 69638     | 67577     | 68044     | 2.09   | cps   |
| Molybdenum | 96-1  | 74758     | 74464     | 74933     | 74718     | 0.32   | cps   |
| Molybdenum | 97-1  | 42610     | 42911     | 42284     | 42601     | 0.74   | cps   |
| Molybdenum | 98-1  | 107163    | 107383    | 107264    | 107270    | 0.10   | cps   |
| Neodymium  | 150-1 | 160652    | 161042    | 159689    | 160461    | 0.43   | cps   |
| Neodymium  | 150-2 | 35571     | 35361     | 35405     | 35446     | 0.31   | cps   |
| Nickel     | 60-2  | 32578     | 31967     | 32692     | 32412     | 1.20   | cps   |
| Phosphorus | 31-2  | 433       | 392       | 425       | 417       | 5.29   | cps   |
| Potassium  | 39-2  | 995554    | 986693    | 975640    | 985962    | 1.01   | cps   |
| Rhodium    | 103-1 | 5613201   | 5588121   | 5595676   | 5598999   | 0.23   | cps   |
| Rhodium    | 103-2 | 2076516   | 2028569   | 2003920   | 2036335   | 1.81   | cps   |
| Scandium   | 45-1  | 4863297   | 4811802   | 4873498   | 4849532   | 0.68   | cps   |
| Scandium   | 45-2  | 61132     | 61276     | 60108     | 60839     | 1.05   | cps   |
| Selenium   | 77-2  | 213       | 197       | 177       | 196       | 9.39   | cps   |
| Selenium   | 78-2  | 139       | 109       | 102       | 117       | 16.80  | cps   |
| Selenium   | 82-1  | 363       | 333       | 349       | 348       | 4.28   | cps   |
| Silicon    | 28-1  | 463994310 | 466405144 | 471601544 | 467333666 | 0.83   | cps   |
| Silver     | 109-1 | 6960      | 7027      | 7219      | 7069      | 1.90   | cps   |
| Silver     | 107-1 | 7803      | 8119      | 7861      | 7928      | 2.13   | cps   |
| Sodium     | 23-2  | 23877243  | 23740609  | 23821552  | 23813135  | 0.29   | cps   |
| Strontium  | 86-1  | 5380042   | 5338493   | 5359752   | 5359429   | 0.39   | cps   |
| Strontium  | 88-1  | 45554814  | 45573825  | 45044347  | 45390995  | 0.66   | cps   |
| Sulfur     | 34-1  | 918771    | 899547    | 885407    | 901242    | 1.86   | cps   |
| Terbium    | 159-1 | 6731783   | 6754803   | 6788144   | 6758243   | 0.42   | cps   |
| Terbium    | 159-2 | 2160057   | 2190411   | 2110424   | 2153630   | 1.87   | cps   |
| Thallium   | 203-1 | 2642      | 2350      | 2417      | 2470      | 6.19   | cps   |
| Thallium   | 205-1 | 6202      | 6060      | 6143      | 6135      | 1.16   | cps   |
| Tin        | 118-1 | 17913     | 17754     | 17854     | 17840     | 0.45   | cps   |
| Titanium   | 47-1  | 35596     | 40753     | 36666     | 37672     | 7.22   | cps   |
| Uranium    | 238-1 | 450395    | 463041    | 463933    | 459123    | 1.65   | cps   |
| Vanadium   | 51-2  | 52284     | 52117     | 52525     | 52308     | 0.39   | cps   |
| Yttrium    | 89-1  | 8180378   | 8195674   | 8097505   | 8157852   | 0.65   | cps   |
| Yttrium    | 89-2  | 416369    | 412384    | 408512    | 412422    | 0.95   | cps   |
| Zinc       | 66-2  | 63926     | 64864     | 64898     | 64563     | 0.85   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | K1275-16            | Instrumnet Name : | P8        |
| Client Sample ID :      | MBECY8              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 14:47:13 | DataFile Name :   | 046SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 90-1 | 28289 | 32281 | 30262 | 30277   | 6.59   | cps   |
| Zirconium | 91-1 | 7647  | 7028  | 6894  | 7190    | 5.59   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100678            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV073              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV073              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-02-05 14:54:29 | DataFile Name :   | 047CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 755064    | 761471    | 762727    | 759754    | 0.54   | cps   |
| Antimony   | 121-1 | 4816471   | 4839670   | 4667142   | 4774428   | 1.96   | cps   |
| Arsenic    | 75-2  | 98956     | 98406     | 100958    | 99440     | 1.35   | cps   |
| Barium     | 135-1 | 4853594   | 4819474   | 4794196   | 4822421   | 0.62   | cps   |
| Barium     | 137-1 | 8377783   | 8289763   | 8294358   | 8320635   | 0.60   | cps   |
| Beryllium  | 9-1   | 1089628   | 1105484   | 1099951   | 1098355   | 0.73   | cps   |
| Bismuth    | 209-1 | 3769790   | 3620374   | 3483698   | 3624621   | 3.95   | cps   |
| Bismuth    | 209-2 | 1459942   | 1468853   | 1479397   | 1469397   | 0.66   | cps   |
| Boron      | 10-1  | 133398    | 135031    | 133834    | 134088    | 0.63   | cps   |
| Boron      | 11-1  | 617119    | 629854    | 630189    | 625721    | 1.19   | cps   |
| Cadmium    | 111-1 | 1102183   | 1111139   | 1094045   | 1102456   | 0.78   | cps   |
| Cadmium    | 106-1 | 121277    | 123276    | 120831    | 121794    | 1.07   | cps   |
| Cadmium    | 108-1 | 82124     | 82190     | 81105     | 81806     | 0.74   | cps   |
| Calcium    | 43-1  | 6553423   | 6558843   | 6671270   | 6594512   | 1.01   | cps   |
| Calcium    | 44-1  | 107260995 | 108462462 | 109813422 | 108512293 | 1.18   | cps   |
| Chromium   | 52-2  | 776059    | 778407    | 785100    | 779855    | 0.60   | cps   |
| Cobalt     | 59-2  | 1492946   | 1510018   | 1522221   | 1508395   | 0.97   | cps   |
| Copper     | 63-2  | 2369105   | 2356015   | 2379267   | 2368129   | 0.49   | cps   |
| Dysprosium | 156-1 | 83        | 50        | 167       | 100       | 60.09  | cps   |
| Dysprosium | 156-2 | 17        | 13        | 7         | 12        | 41.65  | cps   |
| Erbium     | 164-1 | 17        | 33        | 42        | 31        | 41.66  | cps   |
| Erbium     | 164-2 | 10        | 17        | 3         | 10        | 66.70  | cps   |
| Gadolinium | 160-1 | 117       | 167       | 92        | 125       | 30.55  | cps   |
| Gadolinium | 160-2 | 20        | 33        | 23        | 26        | 27.15  | cps   |
| Holmium    | 165-1 | 6637627   | 6393671   | 6214186   | 6415161   | 3.31   | cps   |
| Holmium    | 165-2 | 2174164   | 2213788   | 2255340   | 2214431   | 1.83   | cps   |
| Indium     | 115-1 | 5892047   | 5774176   | 5553299   | 5739841   | 3.00   | cps   |
| Indium     | 115-2 | 431441    | 437609    | 438233    | 435761    | 0.86   | cps   |
| Iron       | 56-2  | 133176567 | 134021322 | 134197164 | 133798351 | 0.41   | cps   |
| Iron       | 57-2  | 3329381   | 3362681   | 3353829   | 3348630   | 0.52   | cps   |
| Krypton    | 83-1  | 863       | 873       | 730       | 822       | 9.73   | cps   |
| Lead       | 206-1 | 2356540   | 2334352   | 2289468   | 2326786   | 1.47   | cps   |
| Lead       | 207-1 | 2128052   | 2104573   | 2049636   | 2094087   | 1.92   | cps   |
| Lead       | 208-1 | 9521366   | 9448163   | 9268445   | 9412658   | 1.38   | cps   |
| Lithium    | 6-1   | 1359587   | 1357471   | 1260659   | 1325906   | 4.26   | cps   |
| Magnesium  | 24-2  | 15117095  | 15166966  | 15248866  | 15177642  | 0.44   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100678            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV073              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV073              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-02-05 14:54:29 | DataFile Name :   | 047CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 505526   | 509978   | 511212   | 508905   | 0.59   | cps   |
| Molybdenum | 94-1  | 9280276  | 9305616  | 9270216  | 9285369  | 0.20   | cps   |
| Molybdenum | 95-1  | 11615076 | 11528318 | 11503741 | 11549045 | 0.51   | cps   |
| Molybdenum | 96-1  | 12904479 | 12878628 | 12775115 | 12852741 | 0.53   | cps   |
| Molybdenum | 97-1  | 7279231  | 7287939  | 7250371  | 7272514  | 0.27   | cps   |
| Molybdenum | 98-1  | 18546853 | 18740134 | 18397777 | 18561588 | 0.92   | cps   |
| Neodymium  | 150-1 | 320      | 300      | 327      | 316      | 4.40   | cps   |
| Neodymium  | 150-2 | 23       | 13       | 23       | 20       | 28.87  | cps   |
| Nickel     | 60-2  | 418883   | 422136   | 422692   | 421237   | 0.49   | cps   |
| Phosphorus | 31-2  | 11463    | 11981    | 11697    | 11714    | 2.21   | cps   |
| Potassium  | 39-2  | 5055836  | 5067297  | 5102634  | 5075256  | 0.48   | cps   |
| Rhodium    | 103-1 | 5773236  | 5692240  | 5464988  | 5643488  | 2.83   | cps   |
| Rhodium    | 103-2 | 2002324  | 2026654  | 2040704  | 2023227  | 0.96   | cps   |
| Scandium   | 45-1  | 4537770  | 4479777  | 4466427  | 4494658  | 0.84   | cps   |
| Scandium   | 45-2  | 58618    | 60657    | 61899    | 60391    | 2.74   | cps   |
| Selenium   | 77-2  | 900      | 917      | 777      | 864      | 8.85   | cps   |
| Selenium   | 78-2  | 2926     | 2911     | 3004     | 2947     | 1.69   | cps   |
| Selenium   | 82-1  | 77443    | 78273    | 77389    | 77701    | 0.64   | cps   |
| Silicon    | 28-1  | 3160013  | 3139143  | 3181598  | 3160251  | 0.67   | cps   |
| Silver     | 109-1 | 4949221  | 4916743  | 4932954  | 4932973  | 0.33   | cps   |
| Silver     | 107-1 | 5181794  | 5242594  | 5157259  | 5193883  | 0.85   | cps   |
| Sodium     | 23-2  | 35570484 | 35505839 | 35797061 | 35624462 | 0.43   | cps   |
| Strontium  | 86-1  | 1683059  | 1690463  | 1670586  | 1681369  | 0.60   | cps   |
| Strontium  | 88-1  | 14165893 | 14061898 | 13889520 | 14039104 | 0.99   | cps   |
| Sulfur     | 34-1  | 1211909  | 1221506  | 1196722  | 1210046  | 1.03   | cps   |
| Terbium    | 159-1 | 7084211  | 6763068  | 6499600  | 6782293  | 4.32   | cps   |
| Terbium    | 159-2 | 2166176  | 2176808  | 2203794  | 2182259  | 0.89   | cps   |
| Thallium   | 203-1 | 3002919  | 2894248  | 2917938  | 2938369  | 1.94   | cps   |
| Thallium   | 205-1 | 6959397  | 6818334  | 6857610  | 6878447  | 1.06   | cps   |
| Tin        | 118-1 | 3284130  | 3314824  | 3268550  | 3289168  | 0.72   | cps   |
| Titanium   | 47-1  | 3408635  | 3438641  | 3443963  | 3430413  | 0.56   | cps   |
| Uranium    | 238-1 | 8498536  | 8470367  | 8132394  | 8367099  | 2.44   | cps   |
| Vanadium   | 51-2  | 587575   | 589588   | 589838   | 589001   | 0.21   | cps   |
| Yttrium    | 89-1  | 7086632  | 6908675  | 6705482  | 6900263  | 2.76   | cps   |
| Yttrium    | 89-2  | 354187   | 359658   | 365602   | 359816   | 1.59   | cps   |
| Zinc       | 66-2  | 262182   | 266091   | 268276   | 265516   | 1.16   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100678            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV073              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV073              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2019-02-05 14:54:29 | DataFile Name :   | 047CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 7348593 | 7412103 | 7283249 | 7347981 | 0.88   | cps   |
| Zirconium | 91-1 | 1652891 | 1669432 | 1655230 | 1659184 | 0.54   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB073              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB073              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 15:00:03 | DataFile Name :   | 048CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 50      | 50      | 58      | 53      | 8.26   | cps   |
| Antimony   | 121-1 | 2075    | 2392    | 2300    | 2256    | 7.22   | cps   |
| Arsenic    | 75-2  | 15      | 7       | 13      | 12      | 32.84  | cps   |
| Barium     | 135-1 | 67      | 67      | 17      | 50      | 57.73  | cps   |
| Barium     | 137-1 | 108     | 75      | 100     | 94      | 18.37  | cps   |
| Beryllium  | 9-1   | 150     | 103     | 117     | 123     | 19.49  | cps   |
| Bismuth    | 209-1 | 3863711 | 3937392 | 3825157 | 3875420 | 1.47   | cps   |
| Bismuth    | 209-2 | 1592204 | 1584726 | 1584235 | 1587055 | 0.28   | cps   |
| Boron      | 10-1  | 1875    | 1942    | 1950    | 1922    | 2.14   | cps   |
| Boron      | 11-1  | 9370    | 9137    | 9178    | 9228    | 1.35   | cps   |
| Cadmium    | 111-1 | 1456    | 1460    | 1448    | 1455    | 0.43   | cps   |
| Cadmium    | 106-1 | 2075    | 2092    | 2067    | 2078    | 0.61   | cps   |
| Cadmium    | 108-1 | 13      | 13      | 17      | 14      | 17.33  | cps   |
| Calcium    | 43-1  | 980     | 913     | 950     | 948     | 3.52   | cps   |
| Calcium    | 44-1  | 43661   | 44069   | 43561   | 43764   | 0.61   | cps   |
| Chromium   | 52-2  | 1387    | 1460    | 1627    | 1491    | 8.25   | cps   |
| Cobalt     | 59-2  | 77      | 73      | 77      | 76      | 2.55   | cps   |
| Copper     | 63-2  | 1447    | 1423    | 1407    | 1426    | 1.41   | cps   |
| Dysprosium | 156-1 | 0       | 0       | 8       | 3       | 173.21 | cps   |
| Dysprosium | 156-2 | 0       | 0       | 10      | 3       | 173.21 | cps   |
| Erbium     | 164-1 | 33      | 25      | 50      | 36      | 35.25  | cps   |
| Erbium     | 164-2 | 7       | 7       | 0       | 4       | 86.60  | cps   |
| Gadolinium | 160-1 | 67      | 42      | 92      | 67      | 37.50  | cps   |
| Gadolinium | 160-2 | 0       | 3       | 13      | 6       | 124.93 | cps   |
| Holmium    | 165-1 | 6417150 | 6377069 | 6295660 | 6363293 | 0.97   | cps   |
| Holmium    | 165-2 | 2205103 | 2228259 | 2231290 | 2221551 | 0.64   | cps   |
| Indium     | 115-1 | 6135903 | 6121532 | 6086611 | 6114682 | 0.41   | cps   |
| Indium     | 115-2 | 457209  | 457399  | 456391  | 457000  | 0.12   | cps   |
| Iron       | 56-2  | 3245    | 2956    | 3028    | 3076    | 4.89   | cps   |
| Iron       | 57-2  | 139     | 72      | 67      | 93      | 43.40  | cps   |
| Krypton    | 83-1  | 830     | 830     | 793     | 818     | 2.59   | cps   |
| Lead       | 206-1 | 1161    | 1133    | 1156    | 1150    | 1.28   | cps   |
| Lead       | 207-1 | 1017    | 1178    | 922     | 1039    | 12.44  | cps   |
| Lead       | 208-1 | 4795    | 4806    | 4534    | 4712    | 3.27   | cps   |
| Lithium    | 6-1   | 1413442 | 1371487 | 1376524 | 1387151 | 1.65   | cps   |
| Magnesium  | 24-2  | 442     | 392     | 392     | 408     | 7.07   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB073              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB073              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 15:00:03 | DataFile Name :   | 048CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 53      | 37      | 87      | 59      | 43.23  | cps   |
| Molybdenum | 94-1  | 517     | 433     | 400     | 450     | 13.35  | cps   |
| Molybdenum | 95-1  | 425     | 367     | 608     | 467     | 27.02  | cps   |
| Molybdenum | 96-1  | 625     | 625     | 625     | 625     | 0.00   | cps   |
| Molybdenum | 97-1  | 400     | 350     | 375     | 375     | 6.67   | cps   |
| Molybdenum | 98-1  | 583     | 600     | 692     | 625     | 9.33   | cps   |
| Neodymium  | 150-1 | 7       | 0       | 27      | 11      | 124.89 | cps   |
| Neodymium  | 150-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 63      | 70      | 77      | 70      | 9.53   | cps   |
| Phosphorus | 31-2  | 42      | 8       | 0       | 17      | 132.30 | cps   |
| Potassium  | 39-2  | 8586    | 8520    | 8661    | 8589    | 0.83   | cps   |
| Rhodium    | 103-1 | 6004130 | 6004547 | 5947497 | 5985391 | 0.55   | cps   |
| Rhodium    | 103-2 | 2207476 | 2163367 | 2191925 | 2187589 | 1.02   | cps   |
| Scandium   | 45-1  | 4517335 | 4476678 | 4507986 | 4500666 | 0.47   | cps   |
| Scandium   | 45-2  | 58464   | 58649   | 58658   | 58591   | 0.19   | cps   |
| Selenium   | 77-2  | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 6       | 11      | 6       | 7       | 43.24  | cps   |
| Selenium   | 82-1  | 54      | 6       | 71      | 44      | 77.56  | cps   |
| Silicon    | 28-1  | 522697  | 525517  | 522197  | 523471  | 0.34   | cps   |
| Silver     | 109-1 | 542     | 625     | 450     | 539     | 16.24  | cps   |
| Silver     | 107-1 | 592     | 800     | 642     | 678     | 16.05  | cps   |
| Sodium     | 23-2  | 18096   | 17611   | 18020   | 17909   | 1.45   | cps   |
| Strontium  | 86-1  | 1350    | 1317    | 1258    | 1308    | 3.55   | cps   |
| Strontium  | 88-1  | 92      | 125     | 108     | 108     | 15.39  | cps   |
| Sulfur     | 34-1  | 845316  | 843531  | 848101  | 845649  | 0.27   | cps   |
| Terbium    | 159-1 | 6797733 | 6684591 | 6781192 | 6754505 | 0.90   | cps   |
| Terbium    | 159-2 | 2243265 | 2207866 | 2224529 | 2225220 | 0.80   | cps   |
| Thallium   | 203-1 | 375     | 417     | 425     | 406     | 6.61   | cps   |
| Thallium   | 205-1 | 858     | 1075    | 883     | 939     | 12.63  | cps   |
| Tin        | 118-1 | 483     | 475     | 600     | 519     | 13.45  | cps   |
| Titanium   | 47-1  | 208     | 150     | 200     | 186     | 16.95  | cps   |
| Uranium    | 238-1 | 25      | 25      | 42      | 31      | 31.50  | cps   |
| Vanadium   | 51-2  | 17      | 13      | 23      | 18      | 28.64  | cps   |
| Yttrium    | 89-1  | 6933665 | 6921836 | 6948863 | 6934788 | 0.20   | cps   |
| Yttrium    | 89-2  | 361650  | 360156  | 359816  | 360541  | 0.27   | cps   |
| Zinc       | 66-2  | 97      | 90      | 97      | 94      | 4.08   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100678            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB073              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB073              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2019-02-05 15:00:03 | DataFile Name :   | 048CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 800  | 642  | 700  | 714     | 11.22  | cps   |
| Zirconium | 91-1 | 108  | 125  | 92   | 108     | 15.39  | cps   |