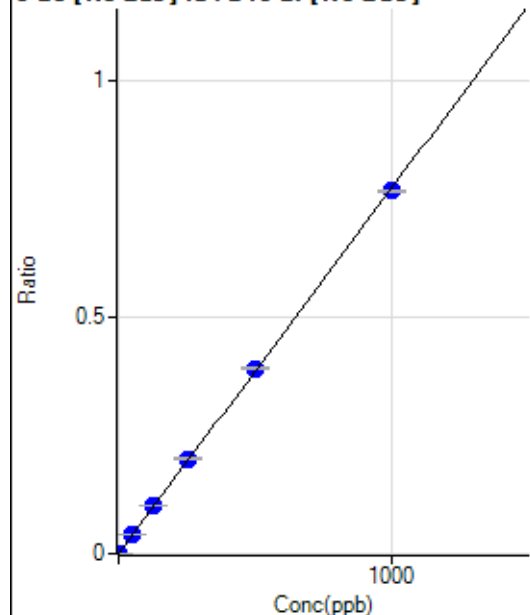


Batch Folder: D:\ICP-MS Data\P7122718-MS.b\  
Analysis File: P7122718-MS.batch.bin  
DA Date-Time: 2018-12-27 19:09:59  
Calibration Title:  
Calibration Method: External Calibration  
VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time      |
|-------|--------------------|-------------|---------------------|
| 1     | 003CALB.d          | S00         | 2018-12-27 11:45:39 |
| 2     |                    |             |                     |
| 3     | 005CALS.d          | S02         | 2018-12-27 11:53:44 |
| 4     | 006CALS.d          | S03         | 2018-12-27 11:57:39 |
| 5     | 007CALS.d          | S04         | 2018-12-27 12:01:43 |
| 6     | 008CALS.d          | S05         | 2018-12-27 12:05:32 |
| 7     | 009CALS.d          | S06         | 2018-12-27 12:09:20 |
| 8     | 010CALS.d          | S07         | 2018-12-27 12:13:05 |
| 9     | 011CALS.d          | S08         | 2018-12-27 12:16:49 |

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      | 37.04      | 0.0000 | P   | 36.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.972      | 3046.68    | 0.0008 | P   | 2.2  |
| 4 | <input type="checkbox"/> | 50.000   | 52.564     | 164220.70  | 0.0407 | P   | 0.4  |
| 5 | <input type="checkbox"/> | 125.000  | 130.914    | 380812.68  | 0.1012 | P   | 0.7  |
| 6 | <input type="checkbox"/> | 250.000  | 258.897    | 675637.85  | 0.2002 | P   | 2.2  |
| 7 | <input type="checkbox"/> | 500.000  | 507.592    | 1289400.91 | 0.3925 | P   | 1.0  |
| 8 | <input type="checkbox"/> | 1000.000 | 993.112    | 2565281.19 | 0.7679 | P   | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 325.94     | 0.0001 | P   | 5.9  |

$$y = 7.7326\text{E-}004 * x + 9.6468\text{E-}006$$

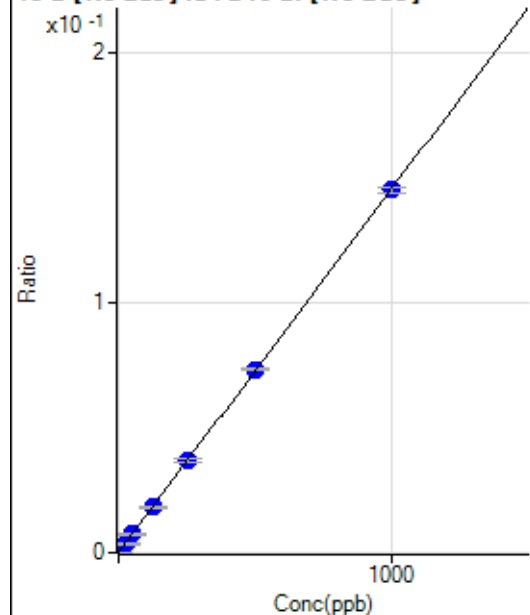
$$R = 0.9999$$

$$DL = 0.01383$$

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      | 625.04    | 0.0002 | P   | 35.4 |
| 2 | <input type="checkbox"/> | 2.500    |            |           |        |     |      |
| 3 | <input type="checkbox"/> | 25.000   | 22.843     | 13923.61  | 0.0035 | P   | 3.9  |
| 4 | <input type="checkbox"/> | 50.000   | 49.594     | 29738.33  | 0.0074 | P   | 1.9  |
| 5 | <input type="checkbox"/> | 125.000  | 124.757    | 68712.59  | 0.0183 | P   | 3.4  |
| 6 | <input type="checkbox"/> | 250.000  | 251.715    | 123811.27 | 0.0367 | P   | 3.7  |
| 7 | <input type="checkbox"/> | 500.000  | 503.725    | 240735.39 | 0.0733 | P   | 0.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 997.813    | 484358.48 | 0.1450 | P   | 1.4  |
| 9 | <input type="checkbox"/> |          |            | 12747.62  | 0.0038 | P   | 8.9  |

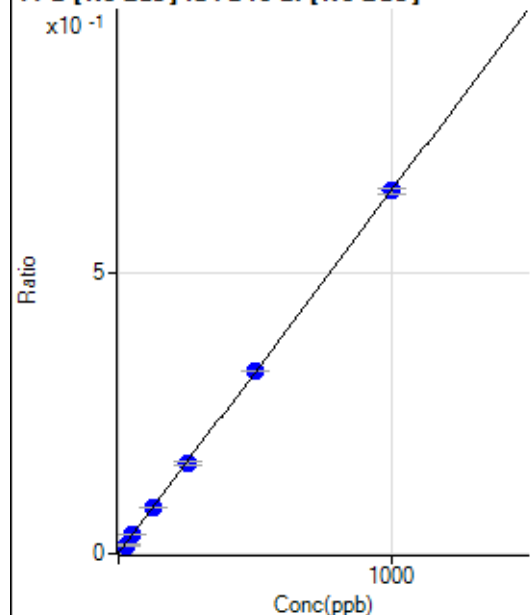
$$y = 1.4514\text{E-}004 * x + 1.6383\text{E-}004$$

$$R = 1.0000$$

$$DL = 1.2$$

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      | 2778.16    | 0.0007 | P    | 24.8 |
| 2 | <input type="checkbox"/> | 2.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 25.000   | 22.659     | 61456.15   | 0.0154 | P    | 2.5  |
| 4 | <input type="checkbox"/> | 50.000   | 49.777     | 132762.74  | 0.0329 | P    | 1.1  |
| 5 | <input type="checkbox"/> | 125.000  | 125.425    | 307352.86  | 0.0817 | P    | 1.1  |
| 6 | <input type="checkbox"/> | 250.000  | 250.190    | 547381.87  | 0.1623 | P    | 4.5  |
| 7 | <input type="checkbox"/> | 500.000  | 501.608    | 1066423.33 | 0.3246 | P    | 0.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.165    | 2157634.58 | 0.6459 | P    | 1.4  |
| 9 | <input type="checkbox"/> |          |            | 55913.18   | 0.0166 | P    | 7.5  |

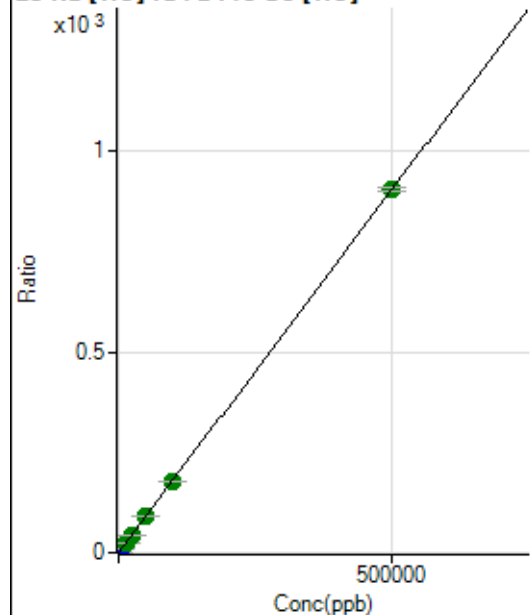
$$y = 6.4568\text{E-}004 * x + 7.2726\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.8389$$

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      | 11932.98    | 0.0497   | P    | 2.1 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 448.095    | 213524.12   | 0.8599   | P    | 0.5 |
| 4 | <input type="checkbox"/> | 5000.000  | 4986.196   | 2119659.92  | 9.0645   | P    | 0.9 |
| 5 | <input type="checkbox"/> | 12500.000 | 12510.004  | 4724467.60  | 22.6672  | A    | 0.5 |
| 6 | <input type="checkbox"/> | 25000.000 | 24870.993  | 8655099.24  | 45.0152  | A    | 0.8 |
| 7 | <input type="checkbox"/> | 50000.000 | 49442.458  | 17299692.92 | 89.4391  | A    | 1.1 |
| 8 | <input type="checkbox"/> | 100000.00 | 98743.173  | 35662651.49 | 178.5723 | A    | 0.6 |
| 9 | <input type="checkbox"/> | 500000.00 | 500313.51  | 192214077.9 | 904.5905 | A    | 1.2 |

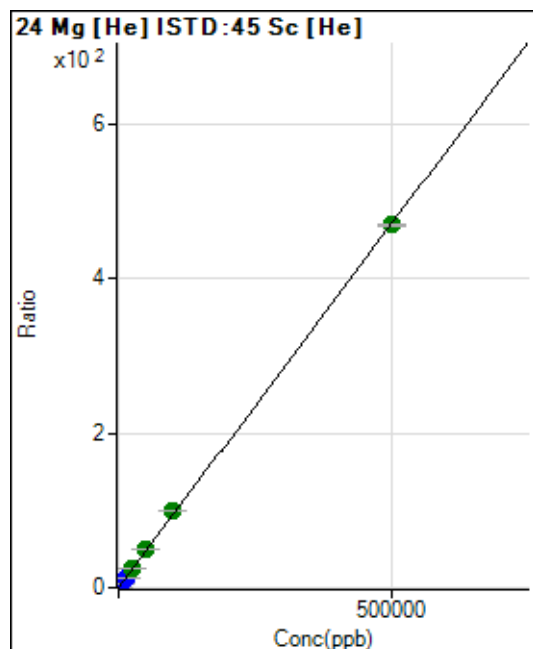
$$y = 0.0018 * x + 0.0497$$

$$R = 1.0000$$

$$DL = 1.709$$

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      | 144.45      | 0.0006   | P    | 18.6 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |      |      |
| 3 | <input type="checkbox"/> | 500.000   | 478.076    | 111831.81   | 0.4503   | P    | 0.9  |
| 4 | <input type="checkbox"/> | 5000.000  | 5401.243   | 1188317.88  | 5.0817   | P    | 0.8  |
| 5 | <input type="checkbox"/> | 12500.000 | 13536.634  | 2654295.76  | 12.7349  | P    | 0.6  |
| 6 | <input type="checkbox"/> | 25000.000 | 26695.741  | 4828718.38  | 25.1140  | A    | 0.6  |
| 7 | <input type="checkbox"/> | 50000.000 | 52781.184  | 9603926.34  | 49.6532  | A    | 1.4  |
| 8 | <input type="checkbox"/> | 100000.00 | 104888.04  | 19705641.07 | 98.6715  | A    | 0.5  |
| 9 | <input type="checkbox"/> | 500000.00 | 498629.57  | 99673571.67 | 469.0742 | A    | 0.8  |

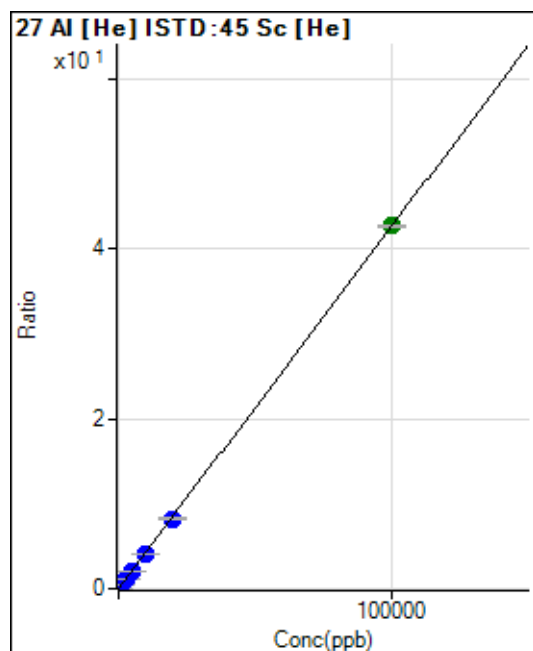
$$y = 9.4073\text{E-}004 * x + 6.0213\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.3568$$

Weight: <None>

Min Conc: 0



|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS        | Ratio   | Det. | RSD  |
|---|--------------------------|-----------|------------|------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 27.78      | 0.0001  | P    | 62.1 |
| 2 | <input type="checkbox"/> | 2.000     |            |            |         |      |      |
| 3 | <input type="checkbox"/> | 20.000    | 17.763     | 1908.54    | 0.0077  | P    | 8.8  |
| 4 | <input type="checkbox"/> | 1000.000  | 999.024    | 99566.44   | 0.4258  | P    | 1.7  |
| 5 | <input type="checkbox"/> | 2500.000  | 2504.423   | 222447.04  | 1.0672  | P    | 0.1  |
| 6 | <input type="checkbox"/> | 5000.000  | 4900.294   | 401498.40  | 2.0881  | P    | 0.4  |
| 7 | <input type="checkbox"/> | 10000.000 | 9746.750   | 803331.15  | 4.1532  | P    | 1.1  |
| 8 | <input type="checkbox"/> | 20000.000 | 19327.817  | 1644744.98 | 8.2357  | P    | 1.2  |
| 9 | <input type="checkbox"/> | 100000.00 | 100164.64  | 9069055.15 | 42.6800 | A    | 0.2  |

$$y = 4.2610\text{E-}004 * x + 1.1551\text{E-}004$$

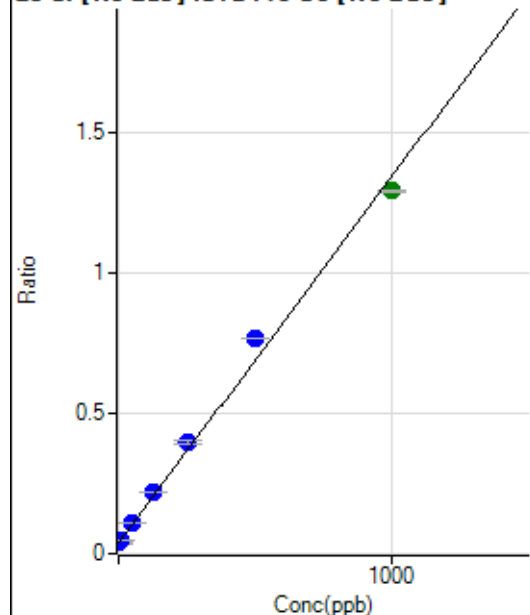
$$R = 1.0000$$

$$DL = 0.5053$$

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      | 224169.00  | 0.0377 | P   | 0.8 |
| 2 | <input type="checkbox"/> | 1.000    |            |            |        |     |     |
| 3 | <input type="checkbox"/> | 10.000   | 7.905      | 298167.10  | 0.0480 | P   | 1.0 |
| 4 | <input type="checkbox"/> | 50.000   | 54.758     | 670006.12  | 0.1090 | P   | 0.9 |
| 5 | <input type="checkbox"/> | 125.000  | 138.780    | 1246066.84 | 0.2185 | P   | 1.4 |
| 6 | <input type="checkbox"/> | 250.000  | 276.170    | 2026942.47 | 0.3974 | P   | 3.9 |
| 7 | <input type="checkbox"/> | 500.000  | 558.890    | 3834000.04 | 0.7656 | P   | 0.3 |
| 8 | <input type="checkbox"/> | 1000.000 | 962.073    | 6623353.92 | 1.2907 | A   | 0.3 |
| 9 | <input type="checkbox"/> |          |            | 597616.09  | 0.1147 | P   | 1.1 |

$$y = 0.0013 * x + 0.0377$$

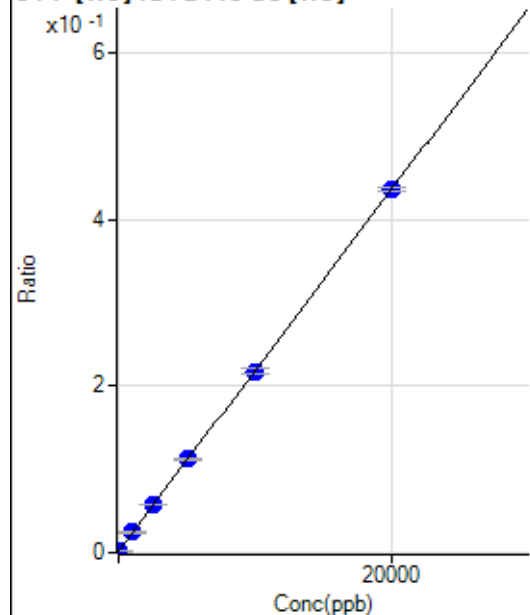
$$R = 0.9968$$

$$DL = 0.6776$$

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     | -32.701    | 255.57   | 0.0011 | P   | 38.3 |
| 2 | <input type="checkbox"/> | 0.000     |            |          |        |     |      |
| 3 | <input type="checkbox"/> | 0.000     | 32.701     | 616.71   | 0.0025 | P   | 3.2  |
| 4 | <input type="checkbox"/> | 1000.000  | 1051.118   | 5748.60  | 0.0246 | P   | 4.3  |
| 5 | <input type="checkbox"/> | 2500.000  | 2583.825   | 12055.35 | 0.0578 | P   | 3.3  |
| 6 | <input type="checkbox"/> | 5000.000  | 5126.148   | 21733.24 | 0.1130 | P   | 2.0  |
| 7 | <input type="checkbox"/> | 10000.000 | 9950.357   | 42107.42 | 0.2177 | P   | 2.6  |
| 8 | <input type="checkbox"/> | 20000.000 | 19980.251  | 86953.04 | 0.4354 | P   | 1.0  |
| 9 | <input type="checkbox"/> |           |            | 361.13   | 0.0017 | P   | 22.4 |

$$y = 2.1702E-005 * x + 0.0018$$

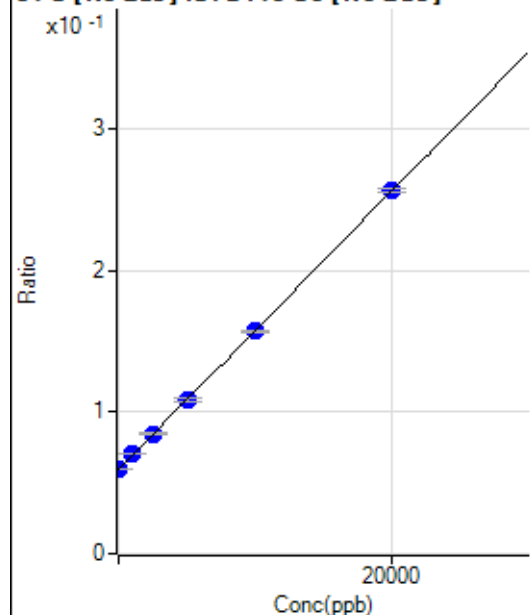
$$R = 1.0000$$

$$DL = 33.59$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|-----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 14.304     | 354259.56  | 0.0596 | P    | 0.8 |
| 2 | <input type="checkbox"/> | 0.000     |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 0.000     | -14.304    | 368413.21  | 0.0593 | P    | 0.9 |
| 4 | <input type="checkbox"/> | 1000.000  | 1147.254   | 434687.02  | 0.0707 | P    | 0.7 |
| 5 | <input type="checkbox"/> | 2500.000  | 2570.318   | 483240.08  | 0.0847 | P    | 0.4 |
| 6 | <input type="checkbox"/> | 5000.000  | 4961.558   | 552158.18  | 0.1082 | P    | 2.7 |
| 7 | <input type="checkbox"/> | 10000.000 | 9967.286   | 788166.45  | 0.1574 | P    | 0.9 |
| 8 | <input type="checkbox"/> | 20000.000 | 20009.815  | 1313957.52 | 0.2561 | P    | 1.0 |
| 9 | <input type="checkbox"/> |           |            | 301734.91  | 0.0579 | P    | 1.9 |

$$y = 9.8256E-006 * x + 0.0595$$

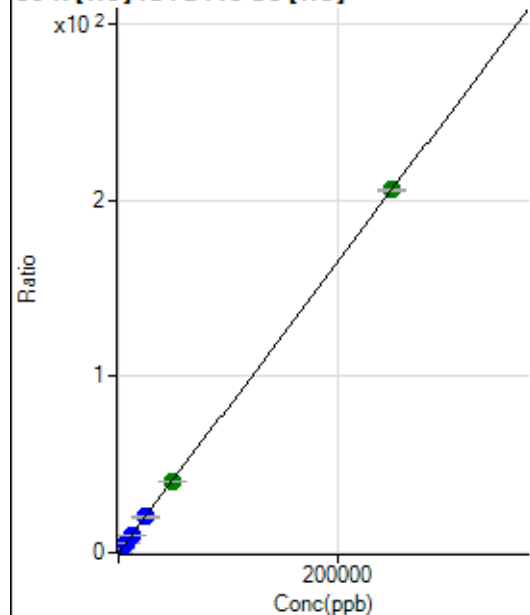
$$R = 1.0000$$

$$DL = 153.3$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS         | Ratio    | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|----------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 16139.98    | 0.0673   | P    | 1.3 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 456.811    | 110027.93   | 0.4431   | P    | 0.6 |
| 4 | <input type="checkbox"/> | 2500.000  | 2539.993   | 504365.65   | 2.1569   | P    | 1.0 |
| 5 | <input type="checkbox"/> | 6250.000  | 6275.753   | 1090118.93  | 5.2302   | P    | 1.1 |
| 6 | <input type="checkbox"/> | 12500.000 | 12301.767  | 1958808.42  | 10.1877  | P    | 0.9 |
| 7 | <input type="checkbox"/> | 25000.000 | 24500.406  | 3911611.67  | 20.2233  | P    | 1.3 |
| 8 | <input type="checkbox"/> | 50000.000 | 48770.528  | 8026238.20  | 40.1898  | A    | 0.7 |
| 9 | <input type="checkbox"/> | 250000.00 | 250304.80  | 43770701.67 | 205.9879 | A    | 0.9 |

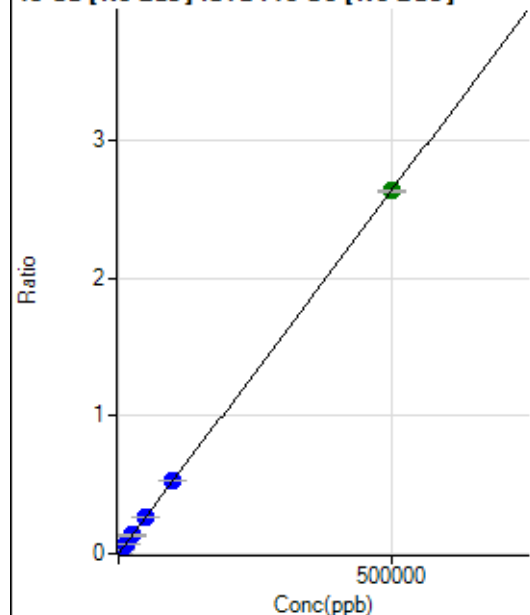
$$y = 8.2268E-004 * x + 0.0673$$

$$R = 1.0000$$

$$DL = 3.226$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 122.23      | 0.0000 | P   | 10.6 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |        |     |      |
| 3 | <input type="checkbox"/> | 500.000   | 452.051    | 14938.62    | 0.0024 | P   | 2.1  |
| 4 | <input type="checkbox"/> | 5000.000  | 5021.029   | 162913.70   | 0.0265 | P   | 0.4  |
| 5 | <input type="checkbox"/> | 12500.000 | 12625.051  | 380067.71   | 0.0666 | P   | 0.4  |
| 6 | <input type="checkbox"/> | 25000.000 | 25330.916  | 681818.40   | 0.1337 | P   | 3.5  |
| 7 | <input type="checkbox"/> | 50000.000 | 50456.906  | 1333149.29  | 0.2662 | P   | 0.7  |
| 8 | <input type="checkbox"/> | 100000.00 | 100463.50  | 2719855.51  | 0.5301 | P   | 1.0  |
| 9 | <input type="checkbox"/> | 500000.00 | 499841.77  | 13741593.02 | 2.6371 | A   | 0.3  |

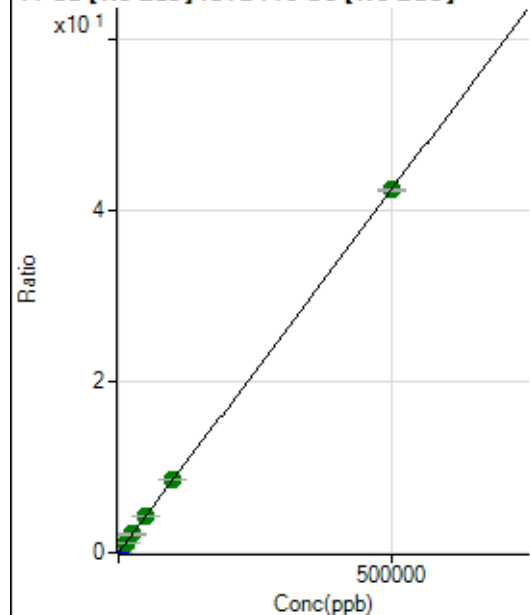
$$y = 5.2759\text{E-}006 * x + 2.0569\text{E-}005$$

$$R = 1.0000$$

$$DL = 1.243$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio   | Det | RSD |
|---|--------------------------|-----------|------------|-------------|---------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 3422.78     | 0.0006  | P   | 6.3 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |         |     |     |
| 3 | <input type="checkbox"/> | 500.000   | 456.451    | 243821.44   | 0.0393  | P   | 1.5 |
| 4 | <input type="checkbox"/> | 5000.000  | 5013.676   | 2614643.16  | 0.4255  | P   | 0.7 |
| 5 | <input type="checkbox"/> | 12500.000 | 12533.567  | 6062386.12  | 1.0628  | A   | 0.2 |
| 6 | <input type="checkbox"/> | 25000.000 | 25294.758  | 10939138.52 | 2.1443  | A   | 3.2 |
| 7 | <input type="checkbox"/> | 50000.000 | 50459.817  | 21417521.66 | 4.2771  | A   | 0.8 |
| 8 | <input type="checkbox"/> | 100000.00 | 100495.01  | 43706528.75 | 8.5176  | A   | 0.6 |
| 9 | <input type="checkbox"/> | 500000.00 | 499839.34  | 220741410.4 | 42.3623 | A   | 0.4 |

$$y = 8.4751\text{E-}005 * x + 5.7600\text{E-}004$$

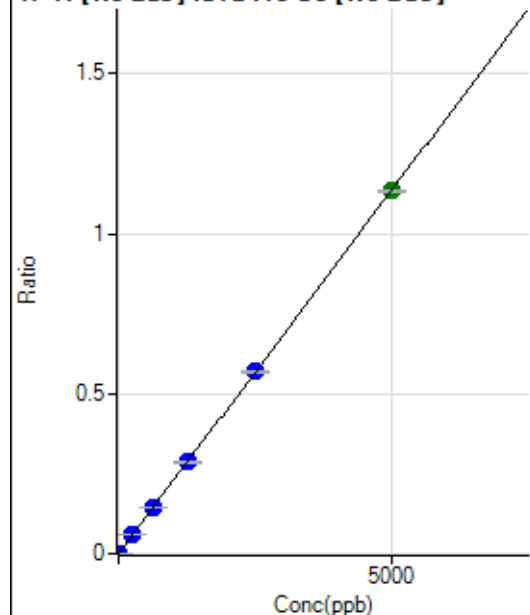
$$R = 1.0000$$

$$DL = 1.276$$

Weight: &lt;None&gt;

Min Conc: 0

47 Ti [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      | 69.45      | 0.0000 | P    | 25.2 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.755      | 6774.04    | 0.0011 | P    | 5.2  |
| 4 | <input type="checkbox"/> | 250.000  | 252.907    | 352709.30  | 0.0574 | P    | 0.9  |
| 5 | <input type="checkbox"/> | 625.000  | 631.388    | 817260.77  | 0.1433 | P    | 0.5  |
| 6 | <input type="checkbox"/> | 1250.000 | 1260.895   | 1459694.74 | 0.2861 | P    | 2.9  |
| 7 | <input type="checkbox"/> | 2500.000 | 2502.348   | 2843229.51 | 0.5678 | P    | 1.1  |
| 8 | <input type="checkbox"/> | 5000.000 | 4995.159   | 5815950.30 | 1.1334 | A    | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 2894.85    | 0.0006 | P    | 5.5  |

$$y = 2.2690E-004 * x + 1.1689E-005$$

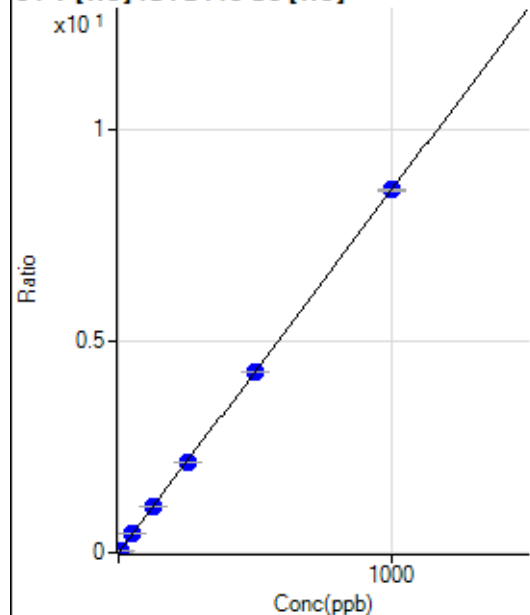
$$R = 1.0000$$

$$DL = 0.03902$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD   |
|---|--------------------------|----------|------------|------------|--------|------|-------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 6.67       | 0.0000 | P    | 173.2 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |       |
| 3 | <input type="checkbox"/> | 5.000    | 4.987      | 10637.32   | 0.0428 | P    | 3.0   |
| 4 | <input type="checkbox"/> | 50.000   | 51.877     | 104139.66  | 0.4453 | P    | 1.3   |
| 5 | <input type="checkbox"/> | 125.000  | 128.182    | 229345.36  | 1.1004 | P    | 0.8   |
| 6 | <input type="checkbox"/> | 250.000  | 249.788    | 412285.15  | 2.1442 | P    | 0.2   |
| 7 | <input type="checkbox"/> | 500.000  | 498.520    | 827753.20  | 4.2794 | P    | 0.9   |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.302   | 1714858.74 | 8.5868 | P    | 0.3   |
| 9 | <input type="checkbox"/> |          |            | 355.57     | 0.0017 | P    | 16.2  |

$$y = 0.0086 * x + 2.7819E-005$$

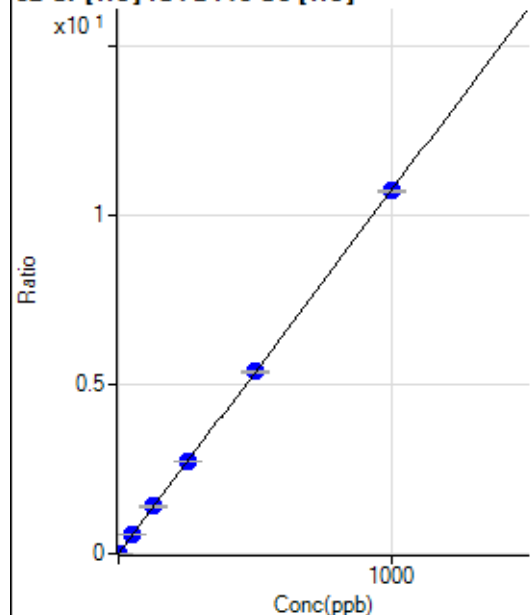
$$R = 1.0000$$

$$DL = 0.01684$$

Weight: &lt;None&gt;

Min Conc: 0



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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio   | Det. | RSD |
|---|--------------------------|----------|------------|------------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 763.37     | 0.0032  | P    | 6.9 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |         |      |     |
| 3 | <input type="checkbox"/> | 2.000    | 1.848      | 5716.77    | 0.0230  | P    | 1.6 |
| 4 | <input type="checkbox"/> | 50.000   | 52.100     | 131520.97  | 0.5624  | P    | 1.6 |
| 5 | <input type="checkbox"/> | 125.000  | 129.490    | 290374.22  | 1.3932  | P    | 1.0 |
| 6 | <input type="checkbox"/> | 250.000  | 252.933    | 522668.80  | 2.7183  | P    | 0.1 |
| 7 | <input type="checkbox"/> | 500.000  | 500.464    | 1039729.00 | 5.3755  | P    | 1.4 |
| 8 | <input type="checkbox"/> | 1000.000 | 998.369    | 2140944.92 | 10.7203 | P    | 0.6 |
| 9 | <input type="checkbox"/> |          |            | 34360.11   | 0.1617  | P    | 1.1 |

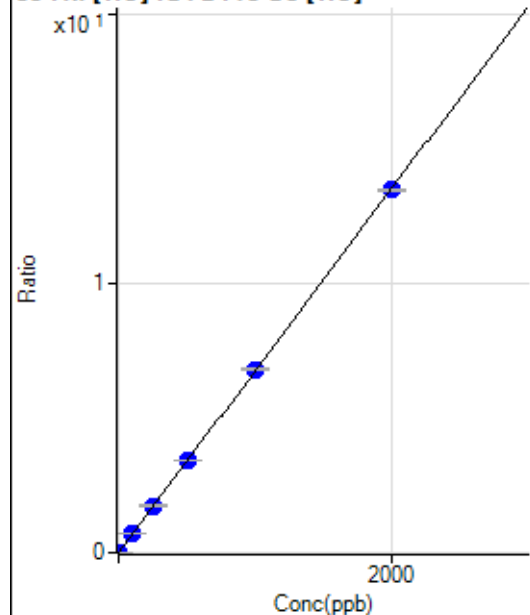
$$y = 0.0107 * x + 0.0032$$

$$R = 1.0000$$

$$DL = 0.06166$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio   | Det. | RSD  |
|---|--------------------------|----------|------------|------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 107.78     | 0.0004  | P    | 11.7 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |         |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.912      | 1644.56    | 0.0066  | P    | 1.2  |
| 4 | <input type="checkbox"/> | 100.000  | 102.910    | 163033.87  | 0.6972  | P    | 0.4  |
| 5 | <input type="checkbox"/> | 250.000  | 257.193    | 362999.34  | 1.7417  | P    | 1.5  |
| 6 | <input type="checkbox"/> | 500.000  | 507.123    | 660239.28  | 3.4338  | P    | 0.1  |
| 7 | <input type="checkbox"/> | 1000.000 | 1006.888   | 1318655.69 | 6.8173  | P    | 1.2  |
| 8 | <input type="checkbox"/> | 2000.000 | 1993.731   | 2695776.00 | 13.4985 | P    | 0.6  |
| 9 | <input type="checkbox"/> |          |            | 15927.71   | 0.0750  | P    | 2.6  |

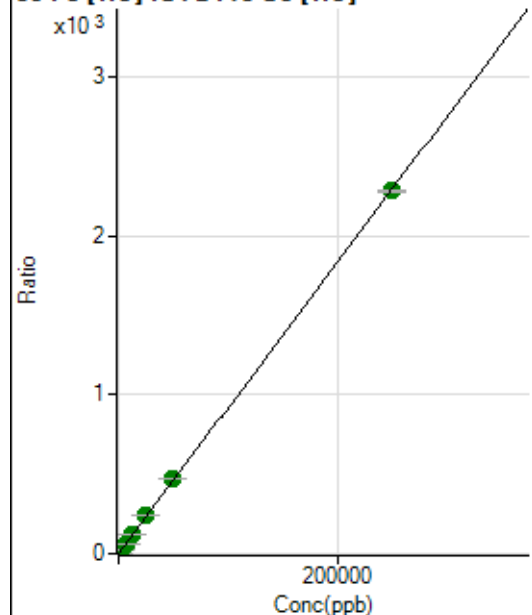
$$y = 0.0068 * x + 4.4927E-004$$

$$R = 1.0000$$

$$DL = 0.02335$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS         | Ratio     | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|-----------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 4093.28     | 0.0171    | P    | 3.1 |
| 2 | <input type="checkbox"/> | 5.000     |            |             |           |      |     |
| 3 | <input type="checkbox"/> | 50.000    | 51.317     | 120837.46   | 0.4866    | P    | 1.0 |
| 4 | <input type="checkbox"/> | 2500.000  | 2686.399   | 5751893.76  | 24.5976   | A    | 1.1 |
| 5 | <input type="checkbox"/> | 6250.000  | 6741.540   | 12860132.58 | 61.7022   | A    | 1.0 |
| 6 | <input type="checkbox"/> | 12500.000 | 13247.649  | 23309821.82 | 121.2332  | A    | 0.6 |
| 7 | <input type="checkbox"/> | 25000.000 | 26287.170  | 46525552.43 | 240.5449  | A    | 1.7 |
| 8 | <input type="checkbox"/> | 50000.000 | 52058.022  | 95130842.87 | 476.3484  | A    | 0.6 |
| 9 | <input type="checkbox"/> | 250000.00 | 249408.14  | 484921584.9 | 2,282.103 | A    | 0.5 |

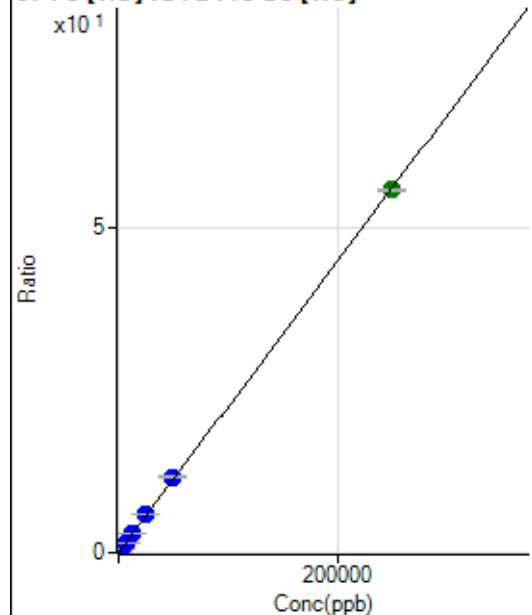
$$y = 0.0092 * x + 0.0171$$

$$R = 1.0000$$

$$DL = 0.1712$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS         | Ratio   | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 107.41      | 0.0004  | P    | 11.3 |
| 2 | <input type="checkbox"/> | 5.000     |            |             |         |      |      |
| 3 | <input type="checkbox"/> | 50.000    | 53.556     | 3089.31     | 0.0124  | P    | 2.1  |
| 4 | <input type="checkbox"/> | 2500.000  | 2724.338   | 142762.70   | 0.6105  | P    | 0.8  |
| 5 | <input type="checkbox"/> | 6250.000  | 6793.535   | 317165.39   | 1.5217  | P    | 0.6  |
| 6 | <input type="checkbox"/> | 12500.000 | 13333.341  | 574163.65   | 2.9861  | P    | 0.4  |
| 7 | <input type="checkbox"/> | 25000.000 | 26421.807  | 1144508.61  | 5.9170  | P    | 1.0  |
| 8 | <input type="checkbox"/> | 50000.000 | 52098.734  | 2329959.86  | 11.6668 | P    | 0.4  |
| 9 | <input type="checkbox"/> | 250000.00 | 249380.57  | 11866122.14 | 55.8436 | A    | 0.8  |

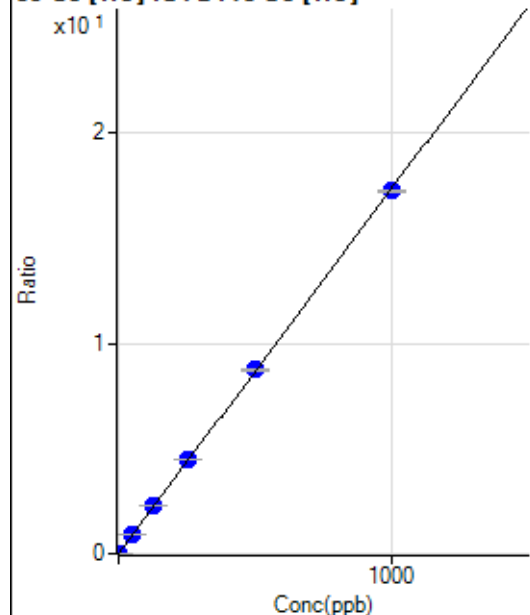
$$y = 2.2393E-004 * x + 4.4751E-004$$

$$R = 1.0000$$

$$DL = 0.6797$$

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      | 81.11      | 0.0003  | P   | 6.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |         |     |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.974      | 4275.13    | 0.0172  | P   | 0.4 |
| 4 | <input type="checkbox"/> | 50.000   | 53.687     | 217716.80  | 0.9310  | P   | 1.0 |
| 5 | <input type="checkbox"/> | 125.000  | 132.746    | 479704.14  | 2.3016  | P   | 1.0 |
| 6 | <input type="checkbox"/> | 250.000  | 256.918    | 856413.83  | 4.4542  | P   | 0.9 |
| 7 | <input type="checkbox"/> | 500.000  | 505.520    | 1695160.55 | 8.7640  | P   | 1.2 |
| 8 | <input type="checkbox"/> | 1000.000 | 994.358    | 3442687.45 | 17.2384 | P   | 0.4 |
| 9 | <input type="checkbox"/> |          |            | 43379.64   | 0.2042  | P   | 0.5 |

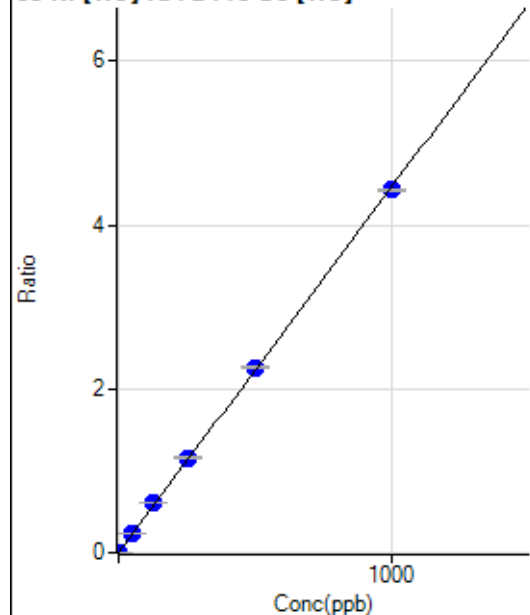
$$y = 0.0173 * x + 3.3815E-004$$

$$R = 0.9999$$

$$DL = 0.003849$$

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      | 46.67     | 0.0002 | P   | 20.8 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.035      | 1194.51   | 0.0048 | P   | 4.3  |
| 4 | <input type="checkbox"/> | 50.000   | 54.842     | 57249.06  | 0.2448 | P   | 0.5  |
| 5 | <input type="checkbox"/> | 125.000  | 135.522    | 126024.77 | 0.6047 | P   | 1.5  |
| 6 | <input type="checkbox"/> | 250.000  | 259.687    | 222751.34 | 1.1585 | P   | 0.6  |
| 7 | <input type="checkbox"/> | 500.000  | 506.408    | 436961.37 | 2.2590 | P   | 0.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 992.817    | 884434.56 | 4.4286 | P   | 0.6  |
| 9 | <input type="checkbox"/> |          |            | 17105.70  | 0.0805 | P   | 1.1  |

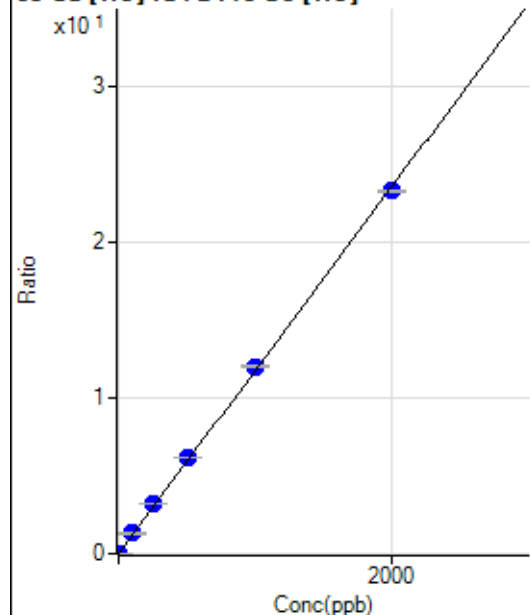
$$y = 0.0045 * x + 1.9436E-004$$

$$R = 0.9999$$

$$DL = 0.02722$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio   | Det | RSD  |
|---|--------------------------|----------|------------|------------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 202.23     | 0.0008  | P   | 13.4 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |         |     |      |
| 3 | <input type="checkbox"/> | 2.000    | 2.041      | 6160.27    | 0.0248  | P   | 1.2  |
| 4 | <input type="checkbox"/> | 100.000  | 110.547    | 303694.35  | 1.2987  | P   | 1.2  |
| 5 | <input type="checkbox"/> | 250.000  | 272.202    | 666247.26  | 3.1966  | P   | 1.1  |
| 6 | <input type="checkbox"/> | 500.000  | 525.006    | 1185291.43 | 6.1646  | P   | 0.6  |
| 7 | <input type="checkbox"/> | 1000.000 | 1021.172   | 2319170.61 | 11.9899 | P   | 0.8  |
| 8 | <input type="checkbox"/> | 2000.000 | 1979.860   | 4642334.58 | 23.2453 | P   | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 6783.89    | 0.0319  | P   | 0.7  |

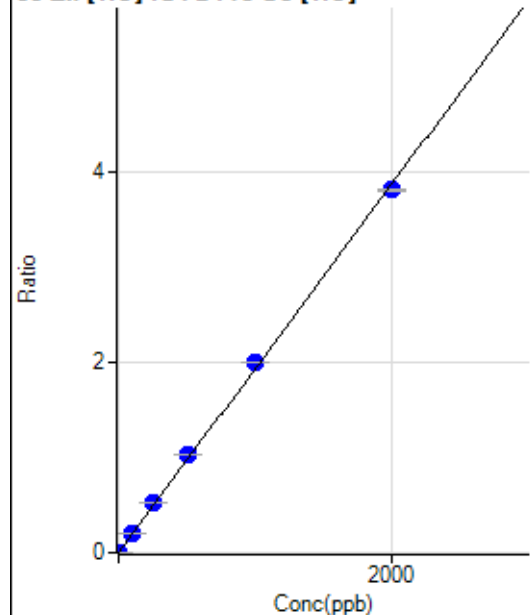
$$y = 0.0117 * x + 8.4248E-004$$

$$R = 0.9998$$

$$DL = 0.02887$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 190.00    | 0.0008 | P   | 23.6 |
| 2 | <input type="checkbox"/> | 0.200    |            |           |        |     |      |
| 3 | <input type="checkbox"/> | 2.000    | 1.869      | 1092.28   | 0.0044 | P   | 5.9  |
| 4 | <input type="checkbox"/> | 100.000  | 108.269    | 49049.98  | 0.2098 | P   | 1.7  |
| 5 | <input type="checkbox"/> | 250.000  | 271.400    | 109346.43 | 0.5246 | P   | 0.9  |
| 6 | <input type="checkbox"/> | 500.000  | 534.798    | 198616.15 | 1.0330 | P   | 0.9  |
| 7 | <input type="checkbox"/> | 1000.000 | 1034.390   | 386332.10 | 1.9973 | P   | 0.7  |
| 8 | <input type="checkbox"/> | 2000.000 | 1971.017   | 759908.44 | 3.8051 | P   | 0.9  |
| 9 | <input type="checkbox"/> |          |            | 6431.51   | 0.0303 | P   | 4.6  |

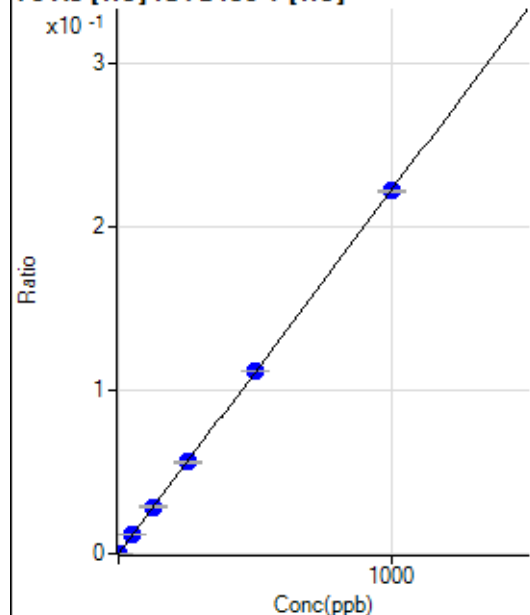
$$y = 0.0019 * x + 7.9176E-004$$

$$R = 0.9996$$

$$DL = 0.2908$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det<br>. | RSD   |
|---|--------------------------|----------|------------|-----------|--------|----------|-------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 2.47      | 0.0000 | P        | 114.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |          |       |
| 3 | <input type="checkbox"/> | 1.000    | 0.987      | 278.40    | 0.0002 | P        | 12.9  |
| 4 | <input type="checkbox"/> | 50.000   | 52.723     | 14121.74  | 0.0117 | P        | 1.4   |
| 5 | <input type="checkbox"/> | 125.000  | 129.604    | 31402.37  | 0.0288 | P        | 1.2   |
| 6 | <input type="checkbox"/> | 250.000  | 252.439    | 56881.64  | 0.0561 | P        | 0.9   |
| 7 | <input type="checkbox"/> | 500.000  | 501.117    | 112524.15 | 0.1114 | P        | 0.4   |
| 8 | <input type="checkbox"/> | 1000.000 | 998.120    | 229190.25 | 0.2218 | P        | 0.4   |
| 9 | <input type="checkbox"/> |          |            | 311.12    | 0.0003 | P        | 6.8   |

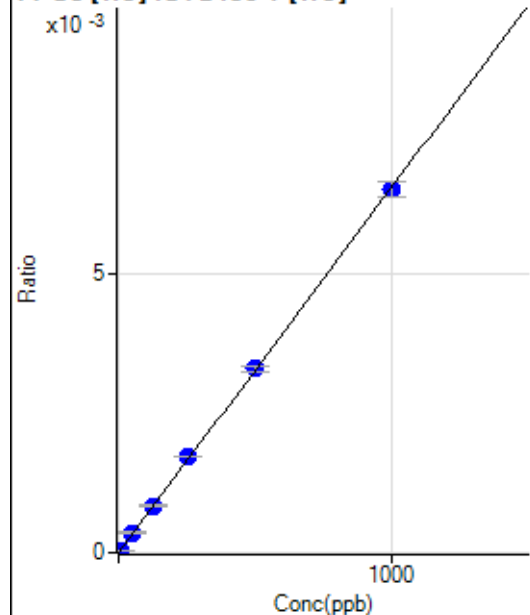
$$y = 2.2220\text{E-}004 * x + 1.9905\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.03065$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS     | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|---------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 0.00    | 0.0000 | P        |      |
| 2 | <input type="checkbox"/> | 0.500    |            |         |        |          |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.046      | 33.34   | 0.0000 | P        | 17.8 |
| 4 | <input type="checkbox"/> | 50.000   | 53.585     | 423.35  | 0.0004 | P        | 12.2 |
| 5 | <input type="checkbox"/> | 125.000  | 128.887    | 921.16  | 0.0008 | P        | 3.8  |
| 6 | <input type="checkbox"/> | 250.000  | 263.112    | 1749.02 | 0.0017 | P        | 1.2  |
| 7 | <input type="checkbox"/> | 500.000  | 504.786    | 3343.77 | 0.0033 | P        | 3.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 993.668    | 6729.45 | 0.0065 | P        | 4.1  |
| 9 | <input type="checkbox"/> |          |            | 3.33    | 0.0000 | P        | 0.3  |

$$y = 6.5545\text{E-}006 * x + 0.0000\text{E+}000$$

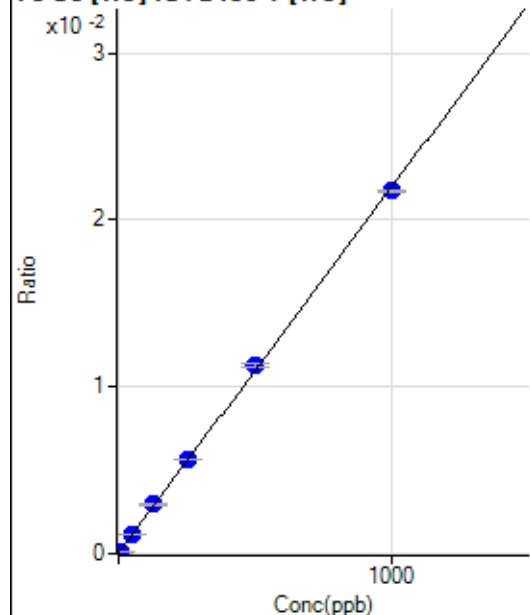
$$R = 0.9999$$

$$DL = 0$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS      | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 43.21    | 0.0000 | P   | 11.3 |
| 2 | <input type="checkbox"/> | 0.500    |            |          |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 5.560      | 197.53   | 0.0002 | P   | 9.5  |
| 4 | <input type="checkbox"/> | 50.000   | 52.097     | 1417.98  | 0.0012 | P   | 5.5  |
| 5 | <input type="checkbox"/> | 125.000  | 132.518    | 3204.71  | 0.0029 | P   | 4.7  |
| 6 | <input type="checkbox"/> | 250.000  | 256.119    | 5726.49  | 0.0056 | P   | 1.6  |
| 7 | <input type="checkbox"/> | 500.000  | 514.358    | 11423.71 | 0.0113 | P   | 1.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 990.244    | 22458.82 | 0.0217 | P   | 0.2  |
| 9 | <input type="checkbox"/> |          |            | 48.77    | 0.0000 | P   | 15.1 |

$$y = 2.1912\text{E-}005 * x + 3.5125\text{E-}005$$

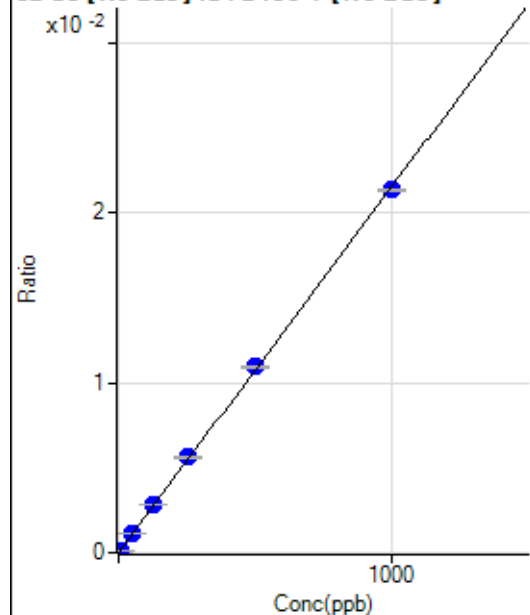
$$R = 0.9998$$

$$DL = 0.5432$$

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 | RSD   |
|---|--------------------------|----------|------------|-----------|--------|-----|-------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | -18.36    | 0.0000 | P   | -136. |
| 2 | <input type="checkbox"/> | 0.500    |            |           |        |     |       |
| 3 | <input type="checkbox"/> | 5.000    | 5.180      | 1002.94   | 0.0001 | P   | 7.9   |
| 4 | <input type="checkbox"/> | 50.000   | 51.975     | 10144.85  | 0.0011 | P   | 0.7   |
| 5 | <input type="checkbox"/> | 125.000  | 131.650    | 24225.30  | 0.0028 | P   | 0.5   |
| 6 | <input type="checkbox"/> | 250.000  | 260.696    | 43833.65  | 0.0056 | P   | 3.6   |
| 7 | <input type="checkbox"/> | 500.000  | 507.907    | 84563.46  | 0.0109 | P   | 1.1   |
| 8 | <input type="checkbox"/> | 1000.000 | 992.441    | 168548.54 | 0.0214 | P   | 0.7   |
| 9 | <input type="checkbox"/> |          |            | 130.08    | 0.0000 | P   | 26.0  |

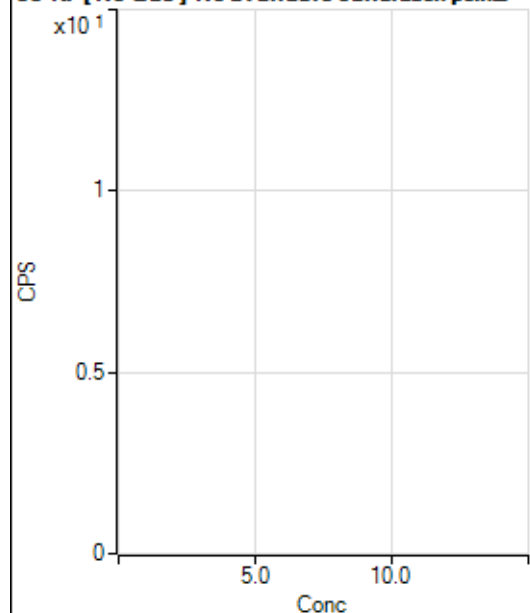
$$y = 2.1538\text{E-}005 * x - 2.0764\text{E-}006$$

$$R = 0.9999$$

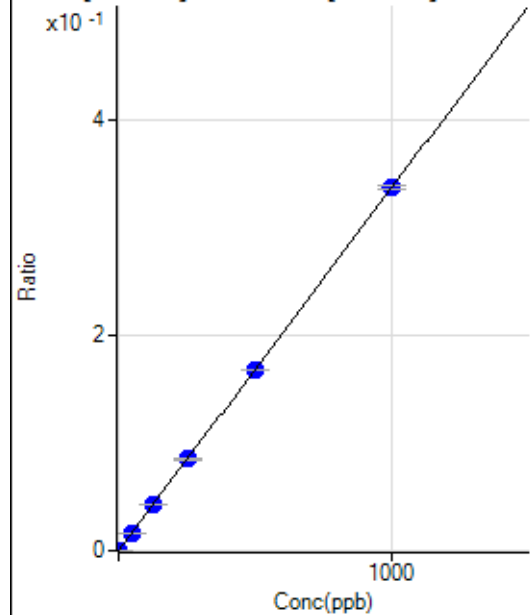
$$DL = 0.3935$$

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"/> |       |            | 397.79 |       | P        | 7.1  |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 377.79 |       | P        | 17.2 |
| 4 | <input type="checkbox"/> |       |            | 391.12 |       | P        | 9.4  |
| 5 | <input type="checkbox"/> |       |            | 333.34 |       | P        | 7.2  |
| 6 | <input type="checkbox"/> |       |            | 318.90 |       | P        | 15.2 |
| 7 | <input type="checkbox"/> |       |            | 340.01 |       | P        | 11.3 |
| 8 | <input type="checkbox"/> |       |            | 347.79 |       | P        | 7.7  |
| 9 | <input type="checkbox"/> |       |            | 385.57 |       | P        | 10.7 |

**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      | 647.27     | 0.0001 | P        | 15.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.941      | 3578.37    | 0.0004 | P        | 4.3  |
| 4 | <input type="checkbox"/> | 50.000   | 49.505     | 152029.60  | 0.0167 | P        | 1.2  |
| 5 | <input type="checkbox"/> | 125.000  | 125.547    | 362107.88  | 0.0424 | P        | 0.4  |
| 6 | <input type="checkbox"/> | 250.000  | 253.502    | 667437.78  | 0.0854 | P        | 2.4  |
| 7 | <input type="checkbox"/> | 500.000  | 497.921    | 1297042.35 | 0.1677 | P        | 0.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.121   | 2656476.36 | 0.3369 | P        | 1.1  |
| 9 | <input type="checkbox"/> |          |            | 11913.78   | 0.0015 | P        | 1.7  |

$$y = 3.3675E-004 * x + 7.3859E-005$$

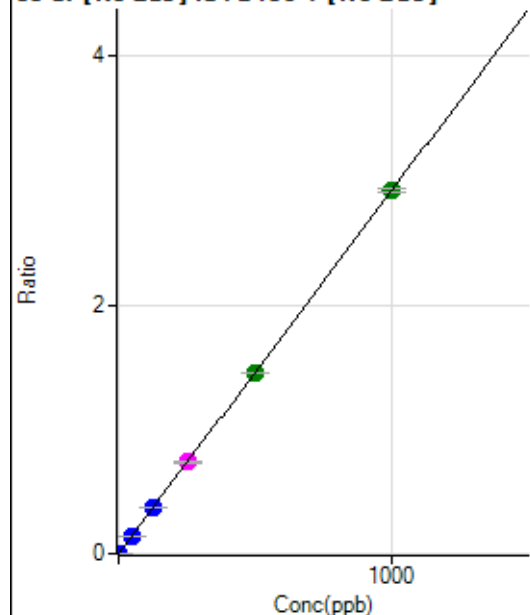
$$R = 1.0000$$

$$DL = 0.1017$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 150.01      | 0.0000 | P   | 33.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.911      | 24466.16    | 0.0027 | P   | 2.2  |
| 4 | <input type="checkbox"/> | 50.000   | 49.918     | 1320848.47  | 0.1455 | P   | 0.8  |
| 5 | <input type="checkbox"/> | 125.000  | 125.718    | 3132466.82  | 0.3664 | P   | 0.2  |
| 6 | <input type="checkbox"/> | 250.000  | 252.388    | 5744170.44  | 0.7355 | M   | 3.3  |
| 7 | <input type="checkbox"/> | 500.000  | 498.733    | 11236931.85 | 1.4533 | A   | 0.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.951    | 22978666.14 | 2.9139 | A   | 1.0  |
| 9 | <input type="checkbox"/> |          |            | 99827.16    | 0.0126 | P   | 0.4  |

$$y = 0.0029 * x + 1.7136E-005$$

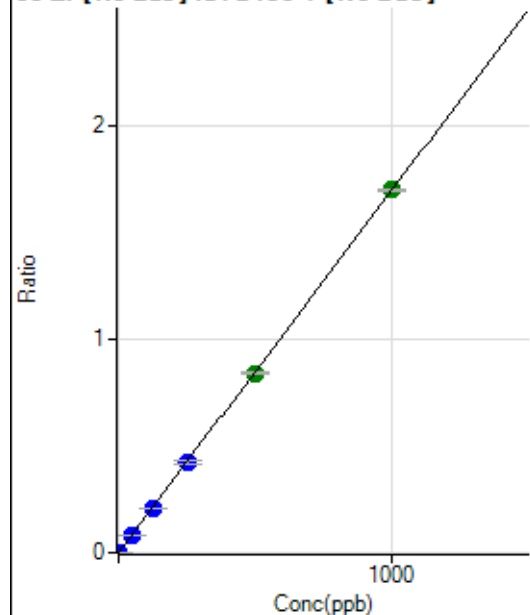
$$R = 1.0000$$

$$DL = 0.00592$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 541.70      | 0.0001 | P   | 14.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.913      | 14755.44    | 0.0016 | P   | 0.5  |
| 4 | <input type="checkbox"/> | 50.000   | 49.572     | 764282.66   | 0.0842 | P   | 0.5  |
| 5 | <input type="checkbox"/> | 125.000  | 123.732    | 1795659.68  | 0.2100 | P   | 0.1  |
| 6 | <input type="checkbox"/> | 250.000  | 250.275    | 3317361.45  | 0.4247 | P   | 3.1  |
| 7 | <input type="checkbox"/> | 500.000  | 496.133    | 6509563.64  | 0.8419 | A   | 0.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.045   | 13409050.65 | 1.7004 | A   | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 6293.31     | 0.0008 | P   | 3.3  |

$$y = 0.0017 * x + 6.1810E-005$$

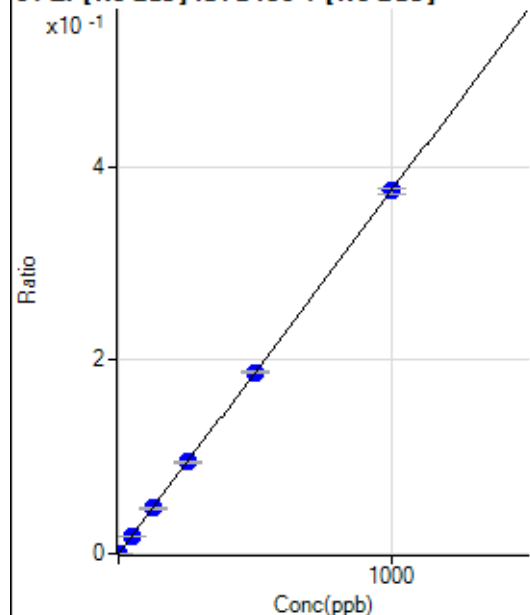
$$R = 1.0000$$

$$DL = 0.01589$$

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 | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 113.90     | 0.0000 | P   | 22.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.929      | 3314.41    | 0.0004 | P   | 5.1  |
| 4 | <input type="checkbox"/> | 50.000   | 49.717     | 169627.87  | 0.0187 | P   | 0.5  |
| 5 | <input type="checkbox"/> | 125.000  | 124.909    | 401144.25  | 0.0469 | P   | 0.8  |
| 6 | <input type="checkbox"/> | 250.000  | 252.357    | 740262.20  | 0.0948 | P   | 3.1  |
| 7 | <input type="checkbox"/> | 500.000  | 499.606    | 1450680.72 | 0.1876 | P   | 0.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.634    | 2960183.05 | 0.3754 | P   | 1.8  |
| 9 | <input type="checkbox"/> |          |            | 1391.79    | 0.0002 | P   | 10.6 |

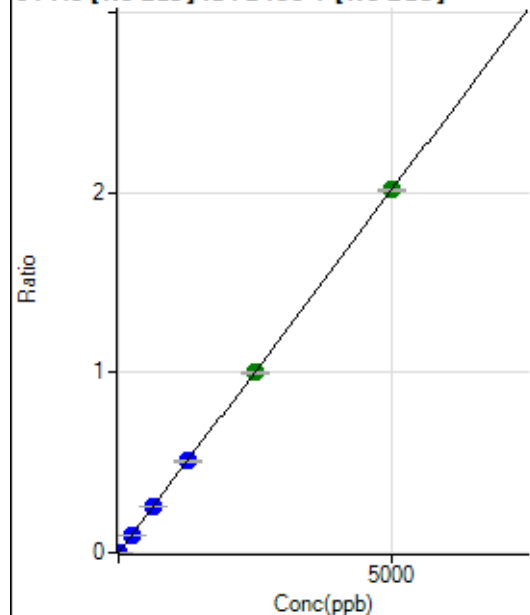
$$y = 3.7552\text{E-}004 * x + 1.2977\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.02347$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 197.23      | 0.0000 | P   | 41.6 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.811      | 17934.15    | 0.0020 | P   | 4.4  |
| 4 | <input type="checkbox"/> | 250.000  | 250.239    | 913939.96   | 0.1007 | P   | 0.8  |
| 5 | <input type="checkbox"/> | 625.000  | 627.457    | 2157722.53  | 0.2524 | P   | 0.3  |
| 6 | <input type="checkbox"/> | 1250.000 | 1260.874   | 3960944.97  | 0.5071 | P   | 2.9  |
| 7 | <input type="checkbox"/> | 2500.000 | 2482.681   | 7720137.33  | 0.9985 | A   | 0.5  |
| 8 | <input type="checkbox"/> | 5000.000 | 5005.622   | 15875507.30 | 2.0131 | A   | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 12063.89    | 0.0015 | P   | 3.3  |

$$y = 4.0217\text{E-}004 * x + 2.2574\text{E-}005$$

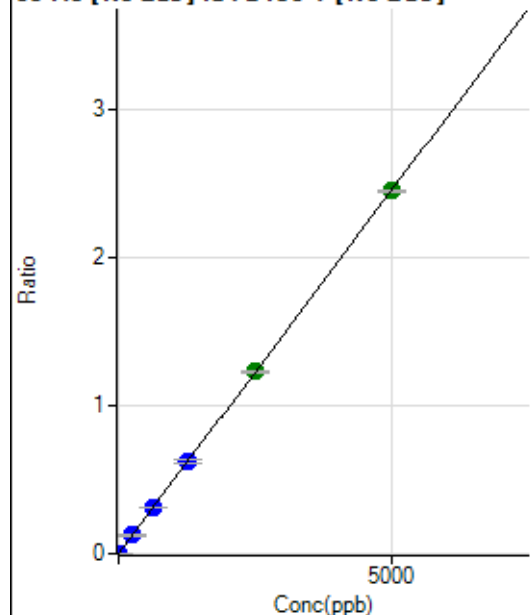
$$R = 1.0000$$

$$DL = 0.07013$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 22.22       | 0.0000 | P    | 22.4 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.814      | 21692.20    | 0.0024 | P    | 1.0  |
| 4 | <input type="checkbox"/> | 250.000  | 251.648    | 1122572.34  | 0.1236 | P    | 0.4  |
| 5 | <input type="checkbox"/> | 625.000  | 630.769    | 2649695.70  | 0.3099 | P    | 0.4  |
| 6 | <input type="checkbox"/> | 1250.000 | 1264.577   | 4852374.89  | 0.6213 | P    | 3.4  |
| 7 | <input type="checkbox"/> | 2500.000 | 2502.888   | 9507909.59  | 1.2297 | A    | 0.5  |
| 8 | <input type="checkbox"/> | 5000.000 | 4994.108   | 19350019.01 | 2.4537 | A    | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 17541.99    | 0.0022 | P    | 1.7  |

$$y = 4.9131\text{E-}004 * x + 2.5393\text{E-}006$$

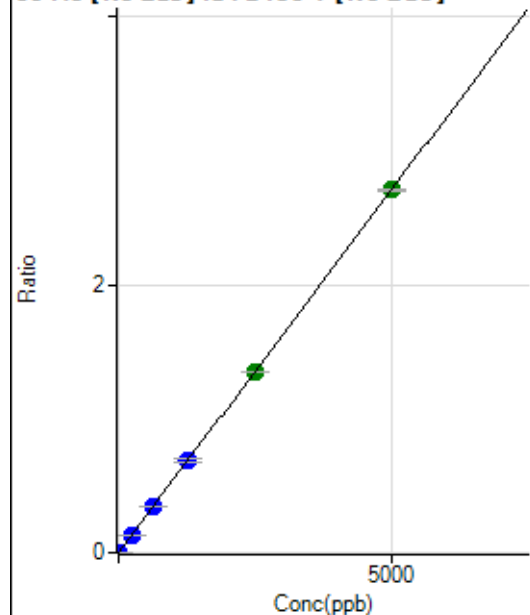
$$R = 1.0000$$

$$DL = 0.00347$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 116.67      | 0.0000 | P    | 18.2 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.805      | 23976.45    | 0.0026 | P    | 3.6  |
| 4 | <input type="checkbox"/> | 250.000  | 250.887    | 1234534.80  | 0.1360 | P    | 0.1  |
| 5 | <input type="checkbox"/> | 625.000  | 629.260    | 2915553.06  | 0.3410 | P    | 0.9  |
| 6 | <input type="checkbox"/> | 1250.000 | 1264.989   | 5354183.84  | 0.6855 | P    | 3.2  |
| 7 | <input type="checkbox"/> | 2500.000 | 2492.446   | 10443321.67 | 1.3507 | A    | 0.9  |
| 8 | <input type="checkbox"/> | 5000.000 | 4999.453   | 21365622.35 | 2.7093 | A    | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 25665.67    | 0.0032 | P    | 0.9  |

$$y = 5.4191\text{E-}004 * x + 1.3300\text{E-}005$$

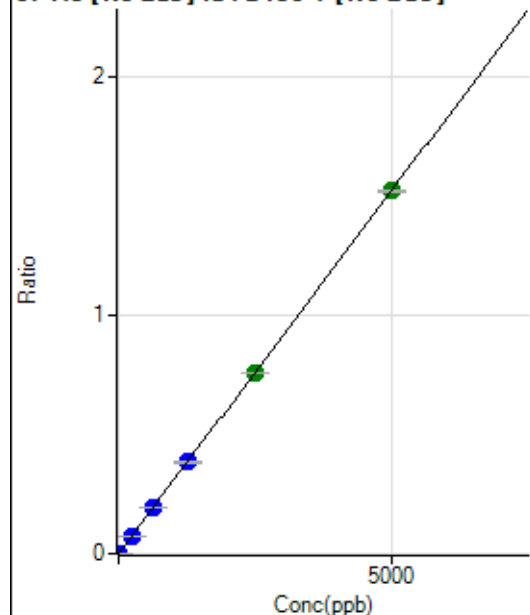
$$R = 1.0000$$

$$DL = 0.01338$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 44.45       | 0.0000 | P   | 38.8 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.868      | 13626.54    | 0.0015 | P   | 2.7  |
| 4 | <input type="checkbox"/> | 250.000  | 249.646    | 690208.60   | 0.0760 | P   | 0.3  |
| 5 | <input type="checkbox"/> | 625.000  | 627.650    | 1634090.15  | 0.1911 | P   | 0.3  |
| 6 | <input type="checkbox"/> | 1250.000 | 1261.206   | 2999214.28  | 0.3840 | P   | 3.4  |
| 7 | <input type="checkbox"/> | 2500.000 | 2494.959   | 5873847.66  | 0.7597 | A   | 0.5  |
| 8 | <input type="checkbox"/> | 5000.000 | 4999.405   | 12004650.70 | 1.5223 | A   | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 10729.45    | 0.0014 | P   | 3.5  |

$$y = 3.0449\text{E-}004 * x + 5.0704\text{E-}006$$

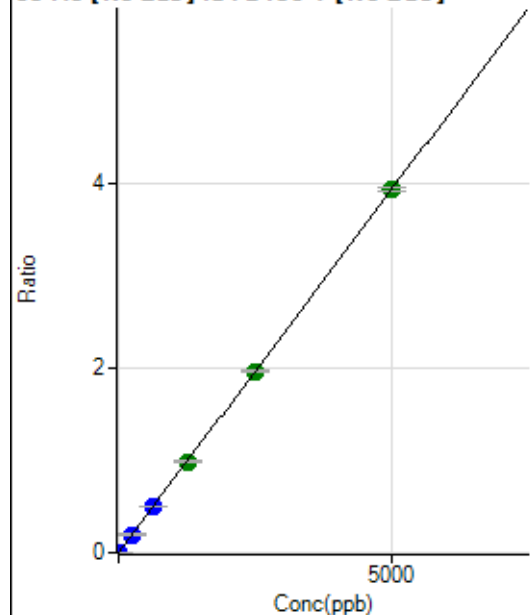
$$R = 1.0000$$

$$DL = 0.01938$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 47.23       | 0.0000 | P   | 82.5 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.790      | 34534.54    | 0.0038 | P   | 2.8  |
| 4 | <input type="checkbox"/> | 250.000  | 250.800    | 1789428.15  | 0.1971 | P   | 0.7  |
| 5 | <input type="checkbox"/> | 625.000  | 630.199    | 4234127.87  | 0.4952 | P   | 0.7  |
| 6 | <input type="checkbox"/> | 1250.000 | 1255.848   | 7707063.80  | 0.9869 | A   | 3.6  |
| 7 | <input type="checkbox"/> | 2500.000 | 2499.919   | 15189139.58 | 1.9645 | A   | 0.4  |
| 8 | <input type="checkbox"/> | 5000.000 | 4997.889   | 30971911.46 | 3.9274 | A   | 1.0  |
| 9 | <input type="checkbox"/> |          |            | 26280.66    | 0.0033 | P   | 4.4  |

$$y = 7.8582\text{E-}004 * x + 5.3683\text{E-}006$$

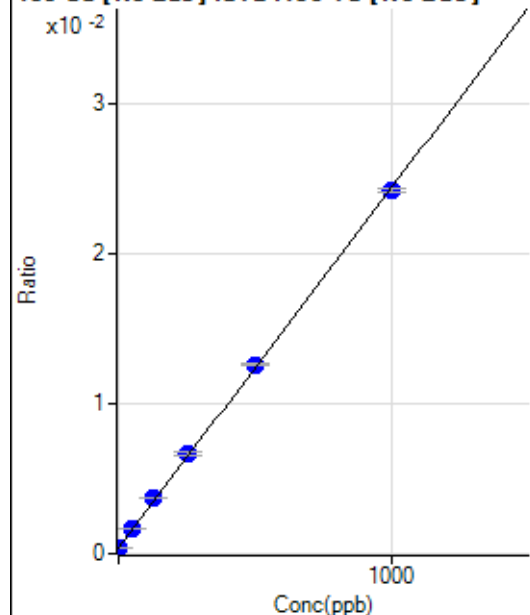
$$R = 1.0000$$

$$DL = 0.01691$$

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      | 4228.59   | 0.0004 | P   | 8.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |     |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.585      | 4578.69   | 0.0004 | P   | 0.8 |
| 4 | <input type="checkbox"/> | 50.000   | 54.953     | 18957.90  | 0.0017 | P   | 0.6 |
| 5 | <input type="checkbox"/> | 125.000  | 136.794    | 39119.02  | 0.0037 | P   | 0.5 |
| 6 | <input type="checkbox"/> | 250.000  | 261.467    | 68030.47  | 0.0067 | P   | 3.1 |
| 7 | <input type="checkbox"/> | 500.000  | 508.258    | 127593.08 | 0.0126 | P   | 0.7 |
| 8 | <input type="checkbox"/> | 1000.000 | 991.283    | 248018.50 | 0.0242 | P   | 1.0 |
| 9 | <input type="checkbox"/> |          |            | 3653.41   | 0.0004 | P   | 7.4 |

$$y = 2.4019\text{E-}005 * x + 4.0630\text{E-}004$$

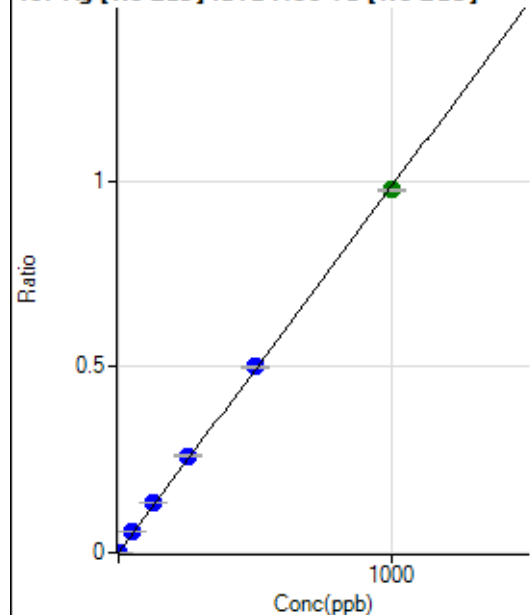
$$R = 0.9998$$

$$DL = 4.128$$

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      | 102.78      | 0.0000 | P   | 8.7  |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.044      | 11316.14    | 0.0010 | P   | 3.5  |
| 4 | <input type="checkbox"/> | 50.000   | 57.503     | 622805.28   | 0.0567 | P   | 0.4  |
| 5 | <input type="checkbox"/> | 125.000  | 138.321    | 1445249.68  | 0.1364 | P   | 0.3  |
| 6 | <input type="checkbox"/> | 250.000  | 263.500    | 2644135.74  | 0.2598 | P   | 2.4  |
| 7 | <input type="checkbox"/> | 500.000  | 507.424    | 5061127.50  | 0.5003 | P   | 0.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 990.873    | 10007135.29 | 0.9770 | A   | 0.9  |
| 9 | <input type="checkbox"/> |          |            | 777.84      | 0.0001 | P   | 16.6 |

$$y = 9.8604\text{E-}004 * x + 9.8662\text{E-}006$$

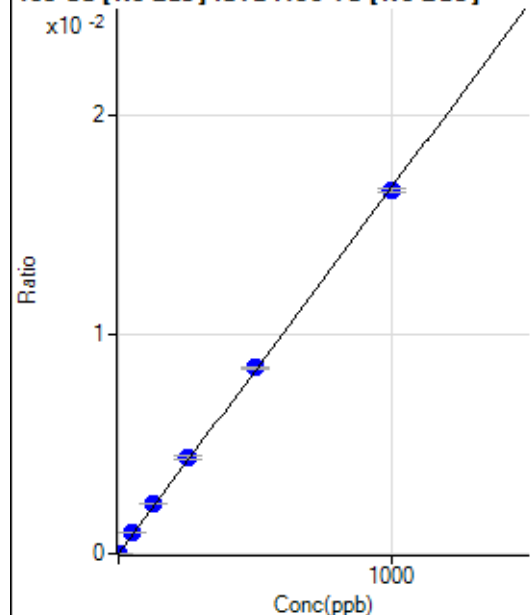
$$R = 0.9998$$

$$DL = 0.002617$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 18.06     | 0.0000 | P   | 70.8 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.698      | 145.84    | 0.0000 | P   | 10.1 |
| 4 | <input type="checkbox"/> | 50.000   | 56.679     | 10405.40  | 0.0009 | P   | 3.1  |
| 5 | <input type="checkbox"/> | 125.000  | 136.648    | 24179.23  | 0.0023 | P   | 1.8  |
| 6 | <input type="checkbox"/> | 250.000  | 262.474    | 44581.31  | 0.0044 | P   | 2.8  |
| 7 | <input type="checkbox"/> | 500.000  | 507.952    | 85746.39  | 0.0085 | P   | 1.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 991.116    | 169395.60 | 0.0165 | P   | 1.1  |
| 9 | <input type="checkbox"/> |          |            | 43.06     | 0.0000 | P   | 40.5 |

$$y = 1.6686\text{E-}005 * x + 1.7435\text{E-}006$$

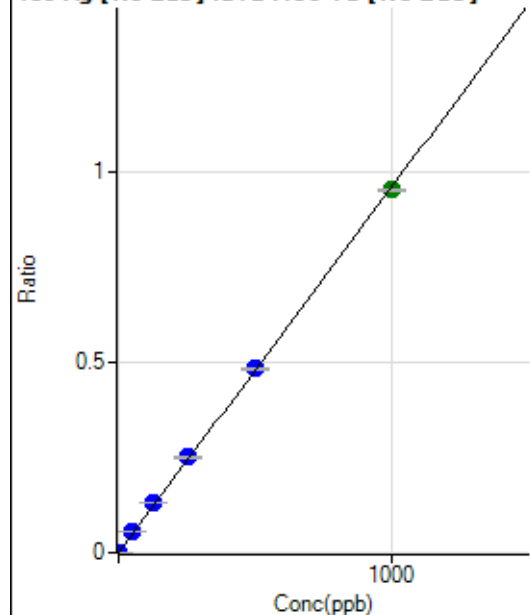
$$R = 0.9998$$

$$DL = 0.222$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 72.23      | 0.0000 | P   | 22.7 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.086      | 11427.31   | 0.0010 | P   | 2.0  |
| 4 | <input type="checkbox"/> | 50.000   | 57.080     | 601405.90  | 0.0548 | P   | 0.6  |
| 5 | <input type="checkbox"/> | 125.000  | 138.483    | 1407620.08 | 0.1328 | P   | 0.1  |
| 6 | <input type="checkbox"/> | 250.000  | 260.888    | 2546356.28 | 0.2503 | P   | 3.1  |
| 7 | <input type="checkbox"/> | 500.000  | 504.487    | 4895162.35 | 0.4839 | P   | 1.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 992.995    | 9756492.23 | 0.9525 | A   | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 811.17     | 0.0001 | P   | 2.7  |

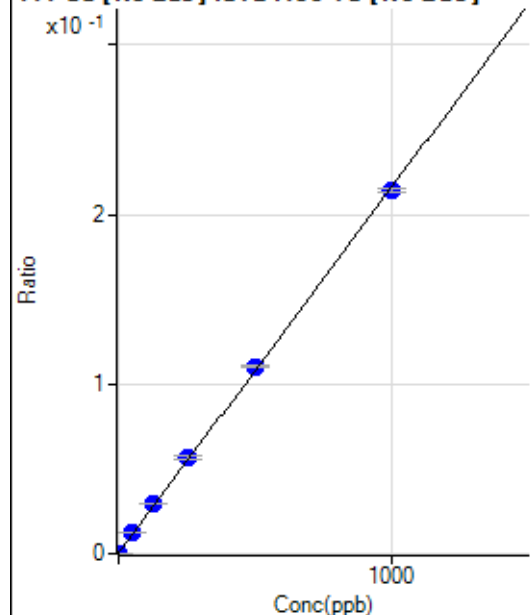
$$y = 9.5926\text{E-}004 * x + 6.9230\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.004915$$

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      | 2954.32    | 0.0003 | P   | 7.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |     |     |
| 3 | <input type="checkbox"/> | 1.000    | 1.000      | 5440.74    | 0.0005 | P   | 1.7 |
| 4 | <input type="checkbox"/> | 50.000   | 55.798     | 135259.74  | 0.0123 | P   | 0.2 |
| 5 | <input type="checkbox"/> | 125.000  | 136.657    | 315241.88  | 0.0298 | P   | 0.7 |
| 6 | <input type="checkbox"/> | 250.000  | 262.053    | 577871.82  | 0.0568 | P   | 2.9 |
| 7 | <input type="checkbox"/> | 500.000  | 509.335    | 1113832.63 | 0.1101 | P   | 1.0 |
| 8 | <input type="checkbox"/> | 1000.000 | 990.572    | 2190676.55 | 0.2139 | P   | 1.0 |
| 9 | <input type="checkbox"/> |          |            | 2781.43    | 0.0003 | P   | 5.8 |

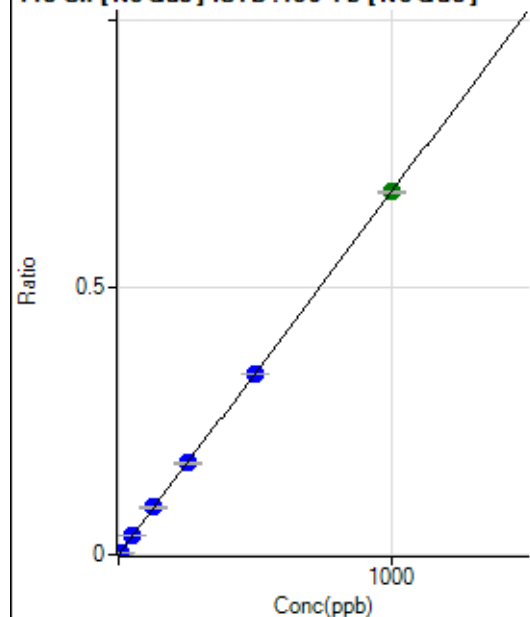
$$y = 2.1564\text{E-}004 * x + 2.8386\text{E-}004$$

$$R = 0.9998$$

$$DL = 0.3106$$

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      | 469.47     | 0.0000 | P   | 15.7 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 5.066      | 37990.98   | 0.0035 | P   | 1.1  |
| 4 | <input type="checkbox"/> | 50.000   | 52.907     | 395378.22  | 0.0360 | P   | 0.1  |
| 5 | <input type="checkbox"/> | 125.000  | 129.843    | 935471.62  | 0.0883 | P   | 0.9  |
| 6 | <input type="checkbox"/> | 250.000  | 252.459    | 1746293.51 | 0.1716 | P   | 2.7  |
| 7 | <input type="checkbox"/> | 500.000  | 497.439    | 3420080.63 | 0.3381 | P   | 0.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.915    | 6960581.15 | 0.6796 | A   | 0.9  |
| 9 | <input type="checkbox"/> |          |            | 6379.49    | 0.0006 | P   | 4.7  |

$$y = 6.7961\text{E-}004 * x + 4.5026\text{E-}005$$

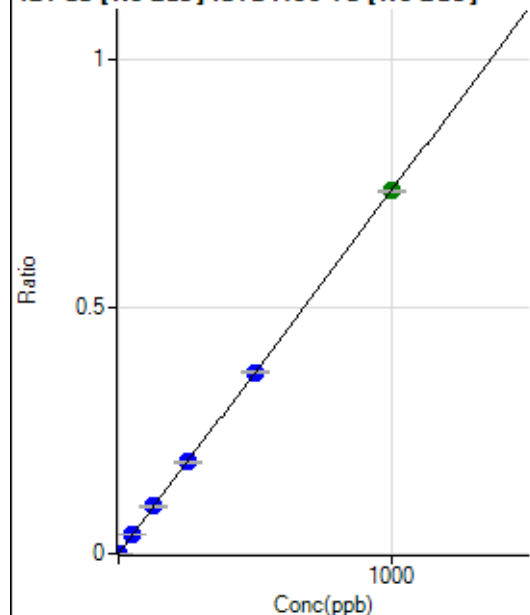
$$R = 1.0000$$

$$DL = 0.03112$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 22.22      | 0.0000 | P   | 22.7 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 2.000    | 1.959      | 15723.42   | 0.0014 | P   | 1.7  |
| 4 | <input type="checkbox"/> | 50.000   | 52.505     | 424214.50  | 0.0386 | P   | 0.4  |
| 5 | <input type="checkbox"/> | 125.000  | 130.229    | 1015130.15 | 0.0958 | P   | 0.8  |
| 6 | <input type="checkbox"/> | 250.000  | 253.123    | 1894848.89 | 0.1862 | P   | 2.6  |
| 7 | <input type="checkbox"/> | 500.000  | 498.570    | 3709936.54 | 0.3668 | P   | 1.0  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.155    | 7528511.36 | 0.7350 | A   | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 8575.20    | 0.0008 | P   | 2.6  |

$$y = 7.3564\text{E-}004 * x + 2.1381\text{E-}006$$

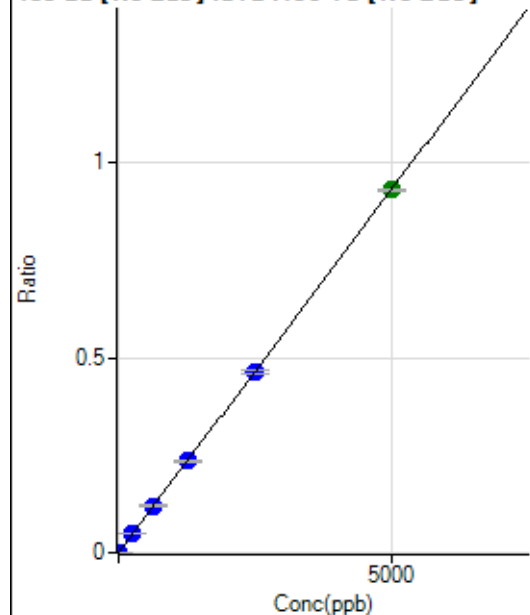
$$R = 1.0000$$

$$DL = 0.00198$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 36.11      | 0.0000 | P   | 36.2 |
| 2 | <input type="checkbox"/> | 1.000    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 10.000   | 9.993      | 20329.43   | 0.0019 | P   | 1.2  |
| 4 | <input type="checkbox"/> | 250.000  | 262.033    | 536533.43  | 0.0489 | P   | 0.4  |
| 5 | <input type="checkbox"/> | 625.000  | 648.361    | 1280773.19 | 0.1209 | P   | 0.6  |
| 6 | <input type="checkbox"/> | 1250.000 | 1264.683   | 2398974.12 | 0.2358 | P   | 3.0  |
| 7 | <input type="checkbox"/> | 2500.000 | 2494.592   | 4704086.65 | 0.4651 | P   | 1.5  |
| 8 | <input type="checkbox"/> | 5000.000 | 4995.511   | 9538746.13 | 0.9313 | A   | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 1536.26    | 0.0002 | P   | 8.0  |

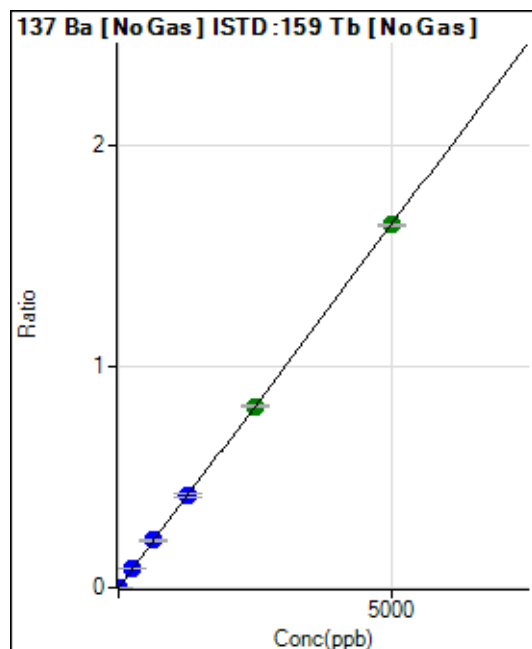
$$y = 1.8643\text{E-}004 * x + 3.4764\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.02026$$

Weight: &lt;None&gt;

Min Conc: 0



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 30.56       | 0.0000 | P   | 87.6 |
| 2 | <input type="checkbox"/> | 1.000    |            |             |        |     |      |
| 3 | <input type="checkbox"/> | 10.000   | 9.906      | 35426.65    | 0.0033 | P   | 0.8  |
| 4 | <input type="checkbox"/> | 250.000  | 261.881    | 943400.26   | 0.0859 | P   | 0.4  |
| 5 | <input type="checkbox"/> | 625.000  | 648.519    | 2253970.00  | 0.2127 | P   | 0.8  |
| 6 | <input type="checkbox"/> | 1250.000 | 1272.168   | 4246027.87  | 0.4173 | P   | 2.7  |
| 7 | <input type="checkbox"/> | 2500.000 | 2496.928   | 8284190.12  | 0.8190 | A   | 1.6  |
| 8 | <input type="checkbox"/> | 5000.000 | 4992.460   | 16772373.98 | 1.6376 | A   | 0.9  |
| 9 | <input type="checkbox"/> |          |            | 2761.50     | 0.0003 | P   | 9.5  |

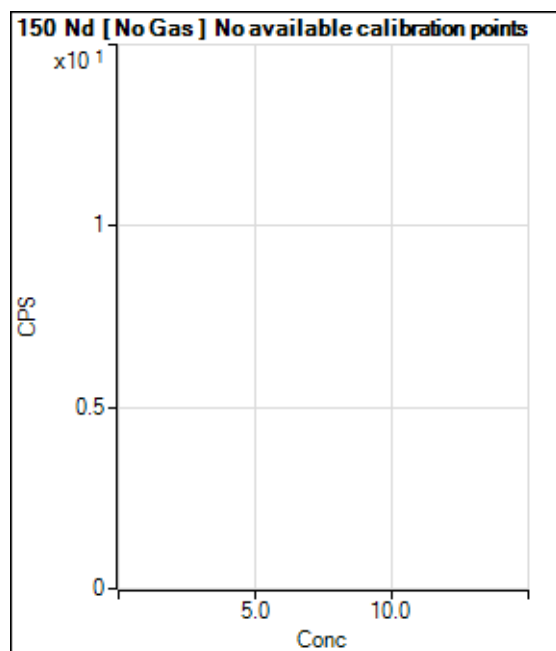
$$y = 3.2801E-004 * x + 2.9557E-006$$

$$R = 1.0000$$

$$DL = 0.02369$$

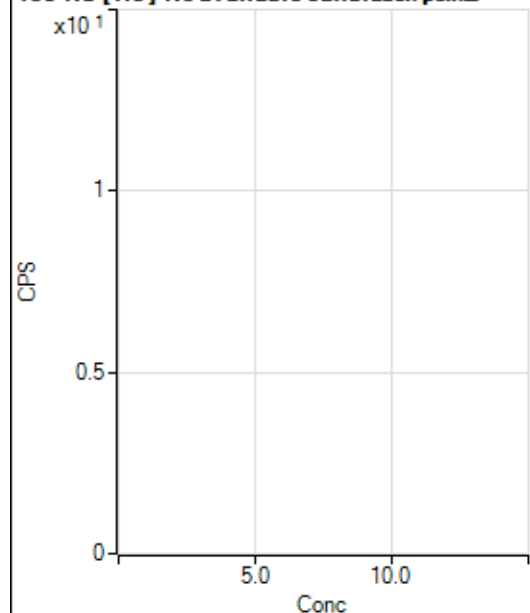
Weight: <None>

Min Conc: 0

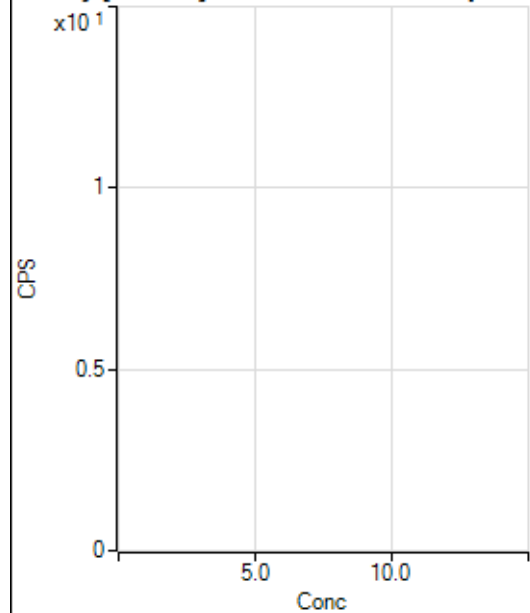


|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det | RSD  |
|---|--------------------------|-------|------------|--------|-------|-----|------|
| 1 | <input type="checkbox"/> |       |            | 0.00   |       | P   |      |
| 2 | <input type="checkbox"/> |       |            |        |       |     |      |
| 3 | <input type="checkbox"/> |       |            | 0.00   |       | P   |      |
| 4 | <input type="checkbox"/> |       |            | 35.56  |       | P   | 28.6 |
| 5 | <input type="checkbox"/> |       |            | 140.01 |       | P   | 33.3 |
| 6 | <input type="checkbox"/> |       |            | 271.12 |       | P   | 26.3 |
| 7 | <input type="checkbox"/> |       |            | 500.03 |       | P   | 3.5  |
| 8 | <input type="checkbox"/> |       |            | 873.39 |       | P   | 10.0 |
| 9 | <input type="checkbox"/> |       |            | 137.78 |       | P   | 18.3 |

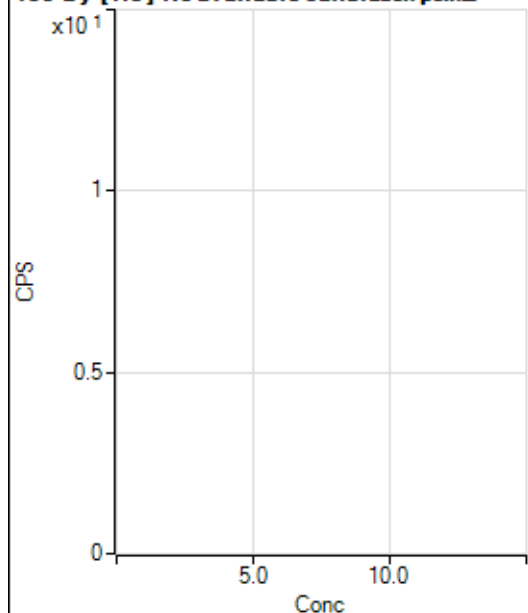


**150 Nd [He] No available calibration points**

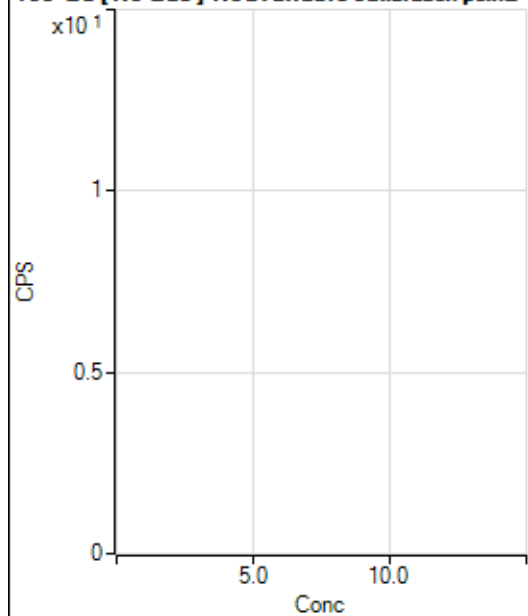
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD   |
|---|--------------------------|-------|------------|-------|-------|----------|-------|
| 1 | <input type="checkbox"/> |       |            | 0.00  |       | P        |       |
| 2 | <input type="checkbox"/> |       |            |       |       |          |       |
| 3 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173.2 |
| 4 | <input type="checkbox"/> |       |            | 4.45  |       | P        | 86.6  |
| 5 | <input type="checkbox"/> |       |            | 5.56  |       | P        | 34.7  |
| 6 | <input type="checkbox"/> |       |            | 24.45 |       | P        | 43.8  |
| 7 | <input type="checkbox"/> |       |            | 28.89 |       | P        | 43.7  |
| 8 | <input type="checkbox"/> |       |            | 74.45 |       | P        | 26.2  |
| 9 | <input type="checkbox"/> |       |            | 53.33 |       | P        | 6.3   |

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

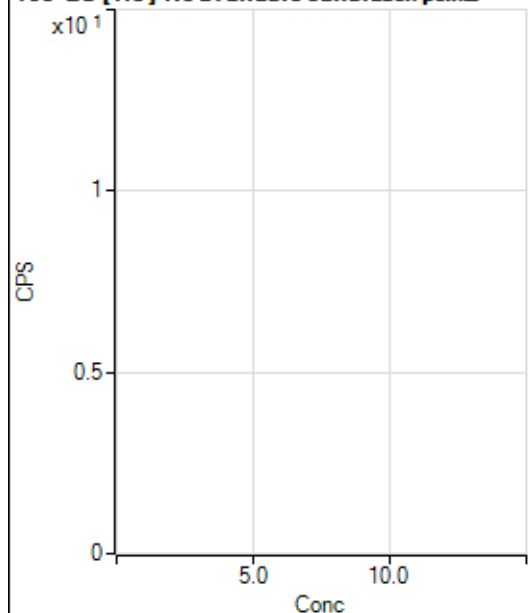
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD   |
|---|--------------------------|-------|------------|--------|-------|----------|-------|
| 1 | <input type="checkbox"/> |       |            | 16.66  |       | P        | 86.6  |
| 2 | <input type="checkbox"/> |       |            |        |       |          |       |
| 3 | <input type="checkbox"/> |       |            | 8.33   |       | P        | 100.0 |
| 4 | <input type="checkbox"/> |       |            | 25.00  |       | P        | 57.7  |
| 5 | <input type="checkbox"/> |       |            | 41.67  |       | P        | 20.0  |
| 6 | <input type="checkbox"/> |       |            | 69.45  |       | P        | 25.0  |
| 7 | <input type="checkbox"/> |       |            | 111.12 |       | P        | 4.3   |
| 8 | <input type="checkbox"/> |       |            | 211.12 |       | P        | 21.7  |
| 9 | <input type="checkbox"/> |       |            | 94.45  |       | P        | 22.2  |

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

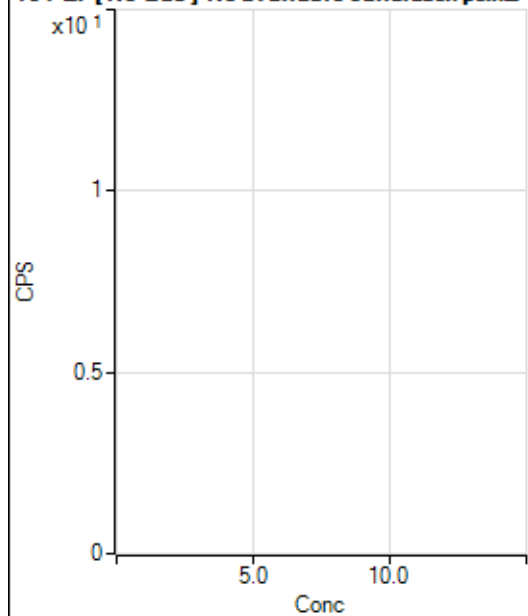
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD   |
|---|--------------------------|-------|------------|--------|-------|----------|-------|
| 1 | <input type="checkbox"/> |       |            | 2.22   |       | P        | 173.2 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |       |
| 3 | <input type="checkbox"/> |       |            | 6.67   |       | P        | 100.0 |
| 4 | <input type="checkbox"/> |       |            | 10.00  |       | P        | 57.7  |
| 5 | <input type="checkbox"/> |       |            | 22.22  |       | P        | 31.2  |
| 6 | <input type="checkbox"/> |       |            | 28.89  |       | P        | 6.7   |
| 7 | <input type="checkbox"/> |       |            | 71.11  |       | P        | 17.7  |
| 8 | <input type="checkbox"/> |       |            | 145.56 |       | P        | 19.7  |
| 9 | <input type="checkbox"/> |       |            | 31.11  |       | P        | 34.4  |

**160 Gd [No Gas] Noavailable calibration poin\_**

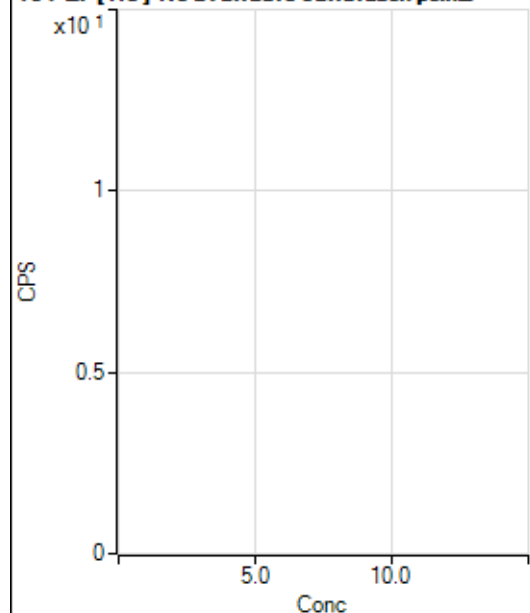
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 77.78  |       | P        | 22.3 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 50.00  |       | P        | 33.3 |
| 4 | <input type="checkbox"/> |       |            | 66.67  |       | P        | 25.0 |
| 5 | <input type="checkbox"/> |       |            | 75.00  |       | P        | 22.2 |
| 6 | <input type="checkbox"/> |       |            | 52.78  |       | P        | 50.8 |
| 7 | <input type="checkbox"/> |       |            | 66.67  |       | P        | 25.0 |
| 8 | <input type="checkbox"/> |       |            | 91.67  |       | P        | 32.8 |
| 9 | <input type="checkbox"/> |       |            | 127.79 |       | P        | 16.4 |

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

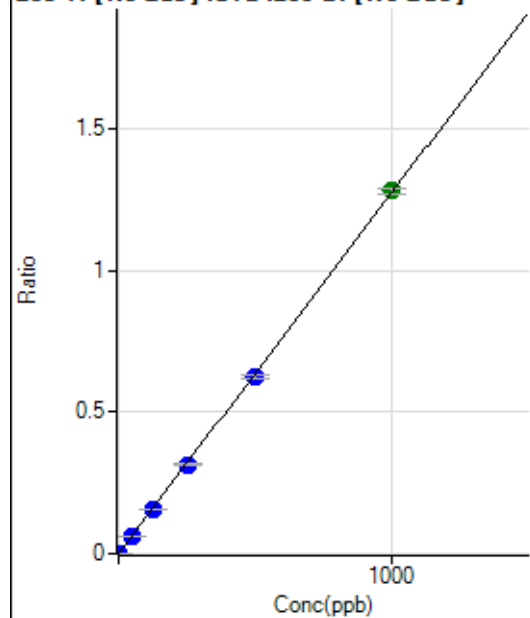
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 155.56 |       | P        | 8.9  |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 163.34 |       | P        | 14.3 |
| 4 | <input type="checkbox"/> |       |            | 176.67 |       | P        | 8.2  |
| 5 | <input type="checkbox"/> |       |            | 133.34 |       | P        | 15.6 |
| 6 | <input type="checkbox"/> |       |            | 187.78 |       | P        | 2.0  |
| 7 | <input type="checkbox"/> |       |            | 126.67 |       | P        | 22.8 |
| 8 | <input type="checkbox"/> |       |            | 158.89 |       | P        | 5.3  |
| 9 | <input type="checkbox"/> |       |            | 166.67 |       | P        | 15.1 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 38.89 |       | P        | 32.7 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 33.33 |       | P        | 25.0 |
| 4 | <input type="checkbox"/> |       |            | 36.11 |       | P        | 35.3 |
| 5 | <input type="checkbox"/> |       |            | 25.00 |       | P        | 33.3 |
| 6 | <input type="checkbox"/> |       |            | 47.22 |       | P        | 27.0 |
| 7 | <input type="checkbox"/> |       |            | 25.00 |       | P        | 33.3 |
| 8 | <input type="checkbox"/> |       |            | 36.11 |       | P        | 48.0 |
| 9 | <input type="checkbox"/> |       |            | 41.67 |       | P        | 72.1 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 11.11 |       | P        | 45.8 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 13.33 |       | P        | 25.0 |
| 4 | <input type="checkbox"/> |       |            | 13.33 |       | P        | 25.0 |
| 5 | <input type="checkbox"/> |       |            | 16.66 |       | P        | 34.6 |
| 6 | <input type="checkbox"/> |       |            | 13.33 |       | P        | 66.1 |
| 7 | <input type="checkbox"/> |       |            | 7.78  |       | P        | 24.7 |
| 8 | <input type="checkbox"/> |       |            | 20.00 |       | P        | 0.0  |
| 9 | <input type="checkbox"/> |       |            | 28.89 |       | P        | 13.3 |

**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      | 63.89      | 0.0000 | P        | 26.2 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.855      | 8061.13    | 0.0011 | P        | 3.1  |
| 4 | <input type="checkbox"/> | 50.000   | 47.642     | 453859.89  | 0.0606 | P        | 0.2  |
| 5 | <input type="checkbox"/> | 125.000  | 121.172    | 1109673.28 | 0.1542 | P        | 0.6  |
| 6 | <input type="checkbox"/> | 250.000  | 245.968    | 2180750.22 | 0.3129 | P        | 2.7  |
| 7 | <input type="checkbox"/> | 500.000  | 491.096    | 4256634.90 | 0.6248 | P        | 1.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 1006.056   | 8553854.01 | 1.2799 | A        | 1.6  |
| 9 | <input type="checkbox"/> |          |            | 1600.17    | 0.0003 | P        | 10.1 |

$$y = 0.0013 * x + 9.0220E-006$$

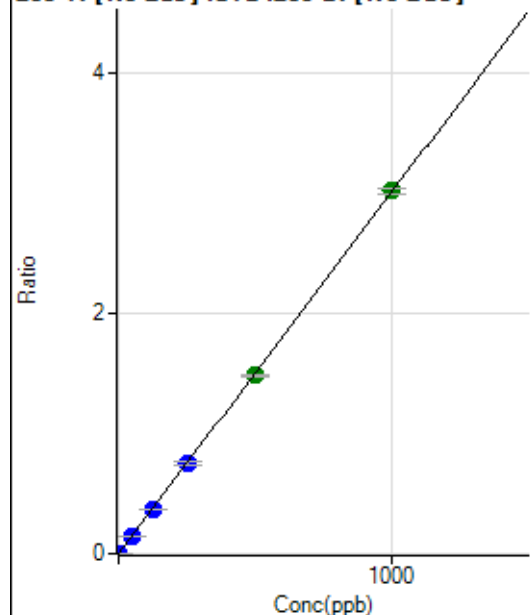
$$R = 0.9999$$

$$DL = 0.005565$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 158.34      | 0.0000 | P   | 19.2 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.895      | 19951.84    | 0.0027 | P   | 1.3  |
| 4 | <input type="checkbox"/> | 50.000   | 48.633     | 1094617.32  | 0.1462 | P   | 0.4  |
| 5 | <input type="checkbox"/> | 125.000  | 123.135    | 2664178.14  | 0.3701 | P   | 0.8  |
| 6 | <input type="checkbox"/> | 250.000  | 249.998    | 5236885.23  | 0.7515 | P   | 2.5  |
| 7 | <input type="checkbox"/> | 500.000  | 492.840    | 10092401.35 | 1.4814 | A   | 1.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 1003.882   | 20166043.51 | 3.0175 | A   | 1.6  |
| 9 | <input type="checkbox"/> |          |            | 3936.89     | 0.0007 | P   | 2.3  |

$$y = 0.0030 * x + 2.2406E-005$$

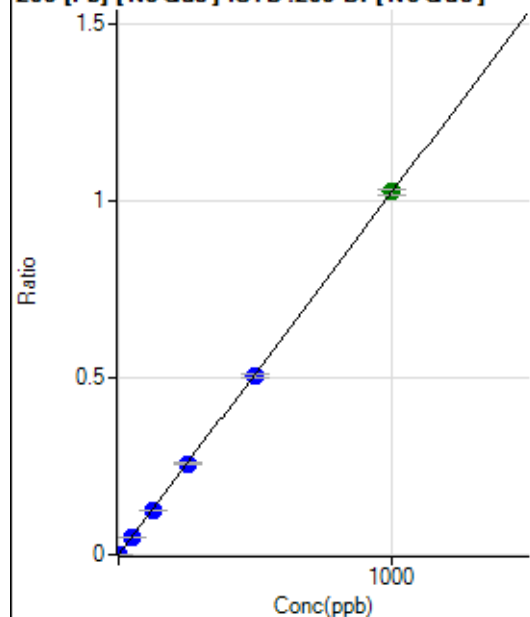
$$R = 1.0000$$

$$DL = 0.004298$$

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 | RSD |
|---|--------------------------|----------|------------|------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 598.18     | 0.0001 | P   | 8.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |     |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.916      | 7511.60    | 0.0010 | P   | 3.4 |
| 4 | <input type="checkbox"/> | 50.000   | 48.749     | 373830.02  | 0.0499 | P   | 0.6 |
| 5 | <input type="checkbox"/> | 125.000  | 123.178    | 907185.54  | 0.1260 | P   | 0.6 |
| 6 | <input type="checkbox"/> | 250.000  | 251.058    | 1789507.13 | 0.2568 | P   | 2.7 |
| 7 | <input type="checkbox"/> | 500.000  | 494.145    | 3442920.74 | 0.5054 | P   | 1.6 |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.953   | 6854470.18 | 1.0256 | A   | 1.3 |
| 9 | <input type="checkbox"/> |          |            | 7965.57    | 0.0014 | P   | 2.5 |

$$y = 0.0010 * x + 8.4630E-005$$

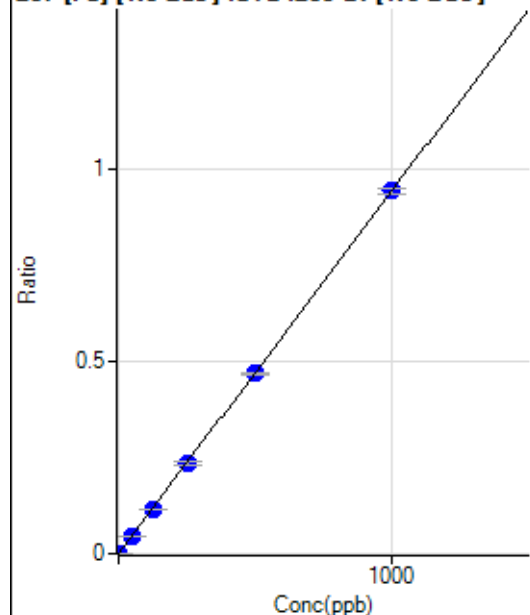
$$R = 1.0000$$

$$DL = 0.02205$$

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 | RSD |
|---|--------------------------|----------|------------|------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 587.06     | 0.0001 | P   | 3.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |     |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.829      | 6359.11    | 0.0009 | P   | 1.2 |
| 4 | <input type="checkbox"/> | 50.000   | 48.540     | 343361.63  | 0.0459 | P   | 0.7 |
| 5 | <input type="checkbox"/> | 125.000  | 123.373    | 838086.98  | 0.1164 | P   | 0.9 |
| 6 | <input type="checkbox"/> | 250.000  | 250.133    | 1644440.84 | 0.2360 | P   | 2.9 |
| 7 | <input type="checkbox"/> | 500.000  | 497.274    | 3195673.63 | 0.4691 | P   | 1.7 |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.606   | 6313508.71 | 0.9447 | P   | 1.7 |
| 9 | <input type="checkbox"/> |          |            | 6942.77    | 0.0012 | P   | 2.6 |

$$y = 9.4312\text{E-}004 * x + 8.3053\text{E-}005$$

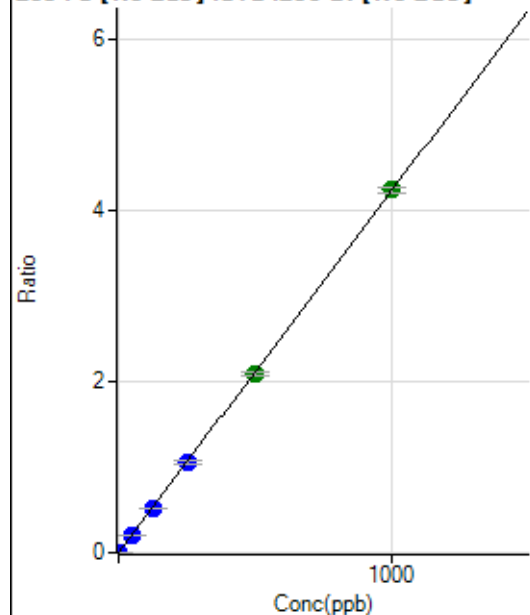
$$R = 1.0000$$

$$DL = 0.01018$$

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 | RSD |
|---|--------------------------|----------|------------|-------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 2535.36     | 0.0004 | P   | 1.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |     |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.880      | 30032.77    | 0.0041 | P   | 1.0 |
| 4 | <input type="checkbox"/> | 50.000   | 48.581     | 1542102.60  | 0.2060 | P   | 0.6 |
| 5 | <input type="checkbox"/> | 125.000  | 123.138    | 3753893.01  | 0.5215 | P   | 0.4 |
| 6 | <input type="checkbox"/> | 250.000  | 249.420    | 7358821.87  | 1.0560 | P   | 2.8 |
| 7 | <input type="checkbox"/> | 500.000  | 494.422    | 14259010.39 | 2.0930 | A   | 1.5 |
| 8 | <input type="checkbox"/> | 1000.000 | 1003.238   | 28379766.49 | 4.2465 | A   | 1.4 |
| 9 | <input type="checkbox"/> |          |            | 31912.29    | 0.0054 | P   | 0.7 |

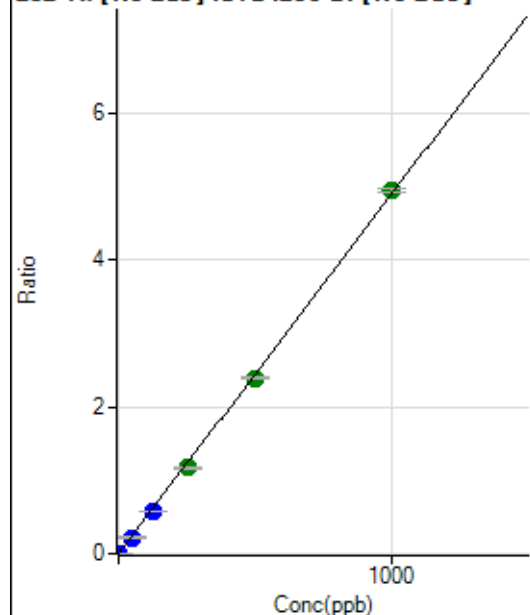
$$y = 0.0042 * x + 3.5863\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.004887$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 14.81       | 0.0000 | P   | 43.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.823      | 29595.18    | 0.0040 | P   | 1.5  |
| 4 | <input type="checkbox"/> | 50.000   | 45.393     | 1661612.31  | 0.2219 | P   | 0.7  |
| 5 | <input type="checkbox"/> | 125.000  | 117.992    | 4152341.68  | 0.5769 | P   | 0.5  |
| 6 | <input type="checkbox"/> | 250.000  | 240.245    | 8185638.38  | 1.1746 | A   | 2.6  |
| 7 | <input type="checkbox"/> | 500.000  | 488.389    | 16268275.13 | 2.3879 | A   | 1.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 1009.351   | 32981838.47 | 4.9350 | A   | 1.1  |
| 9 | <input type="checkbox"/> |          |            | 9907.72     | 0.0017 | P   | 9.4  |

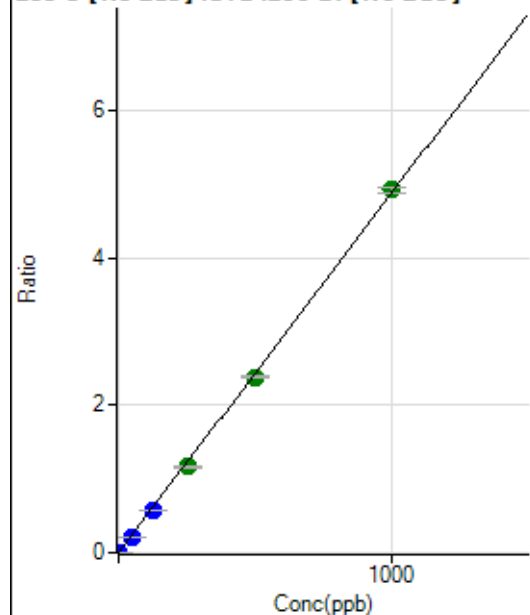
$$y = 0.0049 * x + 2.0954E-006$$

$$R = 0.9998$$

$$DL = 0.000557$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 58.34       | 0.0000 | P   | 48.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.811      | 29161.35    | 0.0040 | P   | 1.8  |
| 4 | <input type="checkbox"/> | 50.000   | 45.129     | 1649194.53  | 0.2203 | P   | 0.4  |
| 5 | <input type="checkbox"/> | 125.000  | 117.541    | 4129470.19  | 0.5737 | P   | 0.5  |
| 6 | <input type="checkbox"/> | 250.000  | 239.071    | 8130980.74  | 1.1669 | A   | 3.1  |
| 7 | <input type="checkbox"/> | 500.000  | 488.676    | 16250443.77 | 2.3852 | A   | 0.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 1009.570   | 32931279.56 | 4.9276 | A   | 1.6  |
| 9 | <input type="checkbox"/> |          |            | 2442.02     | 0.0004 | P   | 6.8  |

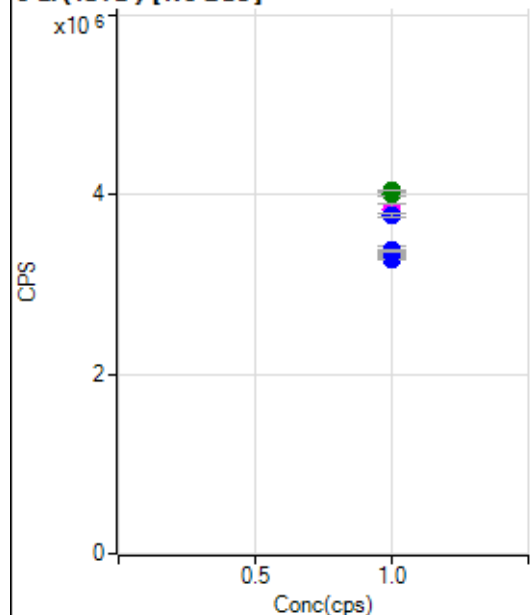
$$y = 0.0049 * x + 8.2281E-006$$

$$R = 0.9998$$

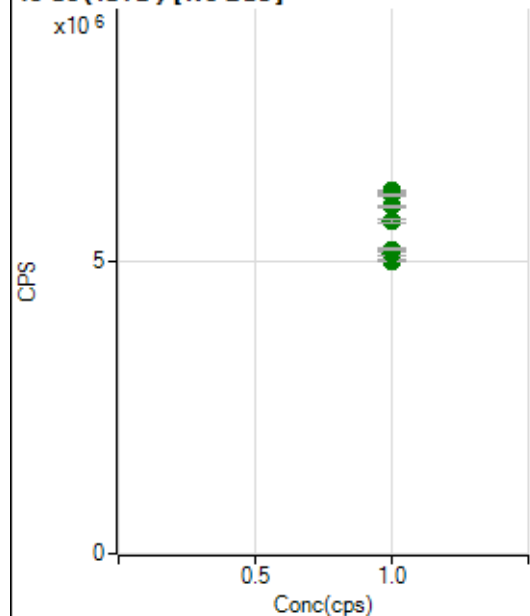
$$DL = 0.002453$$

Weight: &lt;None&gt;

Min Conc: 0

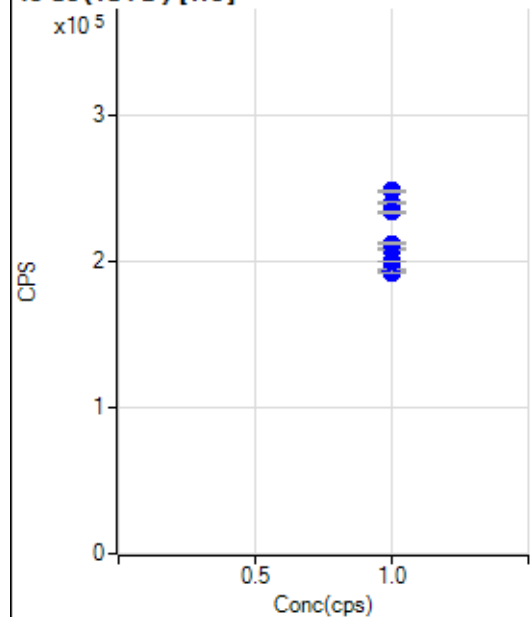
**6 Li (ISTD) [No Gas]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 3836462.69 |       | M        | 2.6 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 4001153.97 |       | A        | 0.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4039390.95 |       | A        | 0.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 3761728.24 |       | P        | 1.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 3376190.54 |       | P        | 3.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 3285221.34 |       | P        | 0.9 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3340517.28 |       | P        | 0.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 3373417.80 |       | P        | 0.6 |

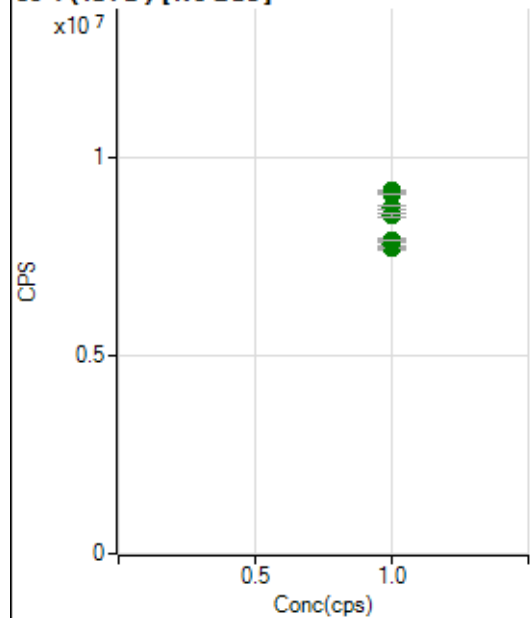
**45 Sc (ISTD) [No Gas]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 5943593.19 |       | A        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 6210501.22 |       | A        | 0.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6145117.67 |       | A        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 5704160.72 |       | A        | 1.0 |
| 6 | <input type="checkbox"/> | 1.000 |            | 5105521.64 |       | A        | 3.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 5007616.17 |       | A        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5131543.35 |       | A        | 1.0 |
| 9 | <input type="checkbox"/> | 1.000 |            | 5210720.47 |       | A        | 0.6 |

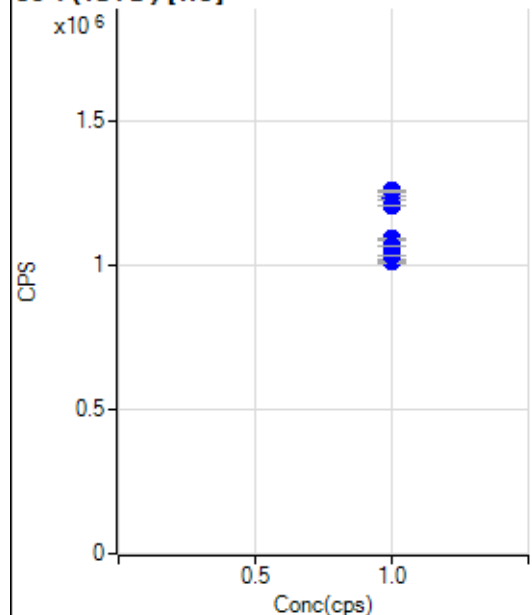


**45 Sc (ISTD) [He]**

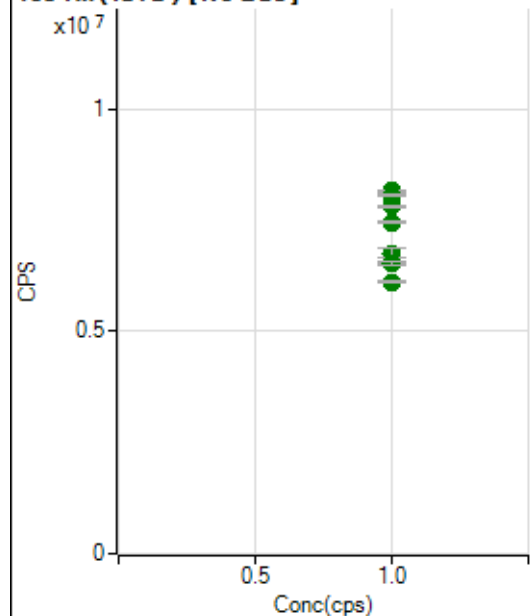
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 239911.12 |       | P        | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            |           |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 248322.16 |       | P        | 0.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 233849.02 |       | P        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 208432.69 |       | P        | 0.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 192277.40 |       | P        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 193439.99 |       | P        | 1.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 199709.86 |       | P        | 0.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 212488.93 |       | P        | 0.4 |

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

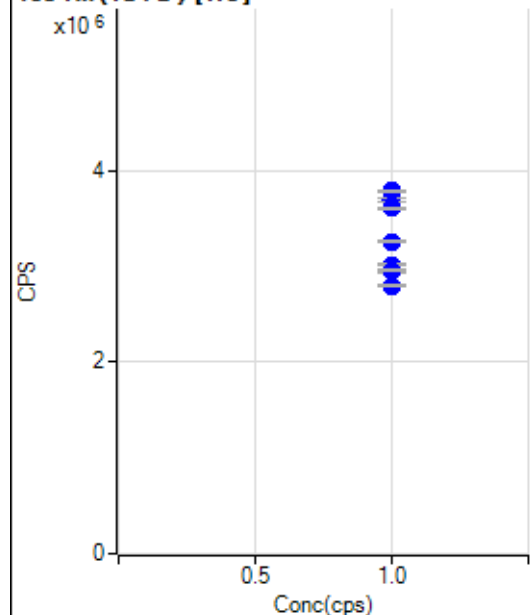
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 8763265.84 |       | A        | 1.1 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 9162010.97 |       | A        | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 9079328.96 |       | A        | 0.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 8550183.69 |       | A        | 1.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 7816028.22 |       | A        | 3.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 7731963.01 |       | A        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 7886351.62 |       | A        | 0.9 |
| 9 | <input type="checkbox"/> | 1.000 |            | 7913908.14 |       | A        | 0.2 |

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

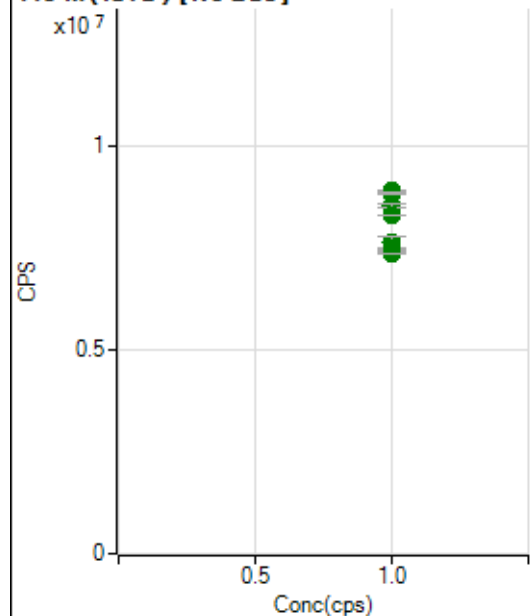
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1230623.13 |       | P        | 1.1 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1257785.18 |       | P        | 0.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1205190.78 |       | P        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1090349.31 |       | P        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1014088.51 |       | P        | 1.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1010544.80 |       | P        | 1.0 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1033366.35 |       | P        | 0.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1066966.05 |       | P        | 0.3 |

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

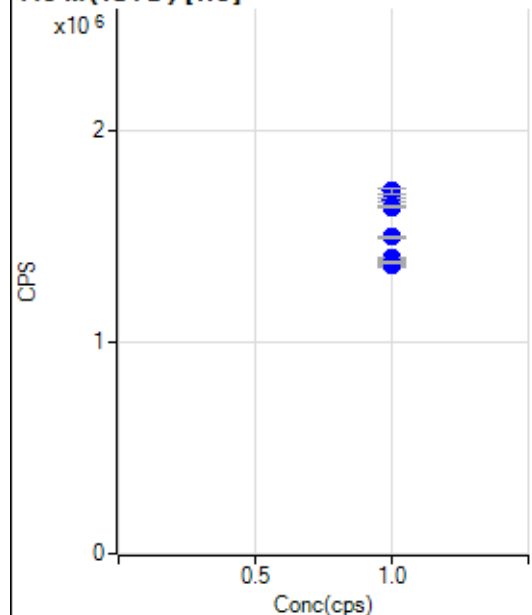
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 7809633.42 |       | A        | 0.9 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 8155767.89 |       | A        | 0.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 8056920.32 |       | A        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 7449558.59 |       | A        | 0.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6759382.40 |       | A        | 3.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6532035.57 |       | A        | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 6514537.56 |       | A        | 1.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 6107229.48 |       | A        | 0.5 |

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

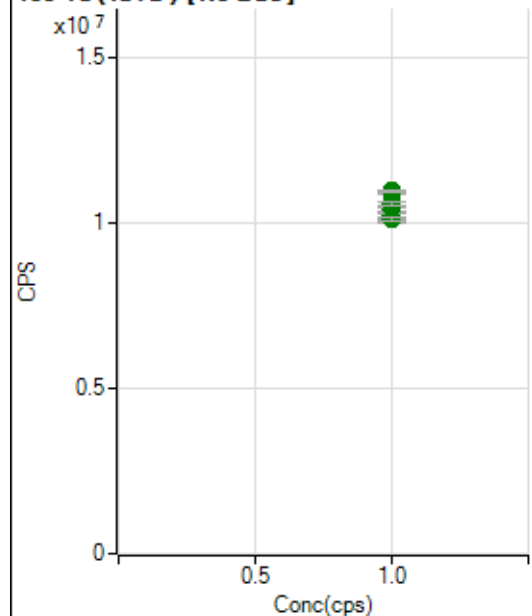
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 3694716.65 |       | P        | 0.8 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 3789277.20 |       | P        | 0.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 3606023.28 |       | P        | 0.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 3262083.98 |       | P        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 3017306.76 |       | P        | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2960601.93 |       | P        | 1.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2959068.67 |       | P        | 0.9 |
| 9 | <input type="checkbox"/> | 1.000 |            | 2797317.11 |       | P        | 0.5 |

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

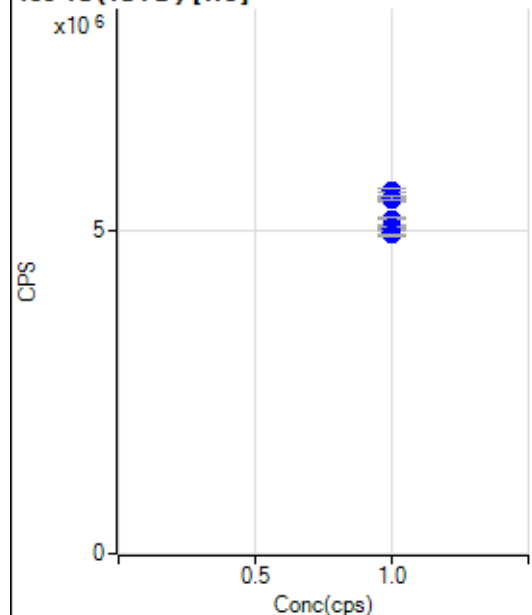
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 8507314.33 |       | A        | 1.1 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 8886616.23 |       | A        | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 8824678.53 |       | A        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 8283593.42 |       | A        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 7624226.67 |       | A        | 3.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 7480833.75 |       | A        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 7430324.57 |       | A        | 0.8 |
| 9 | <input type="checkbox"/> | 1.000 |            | 7347353.13 |       | A        | 0.5 |

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

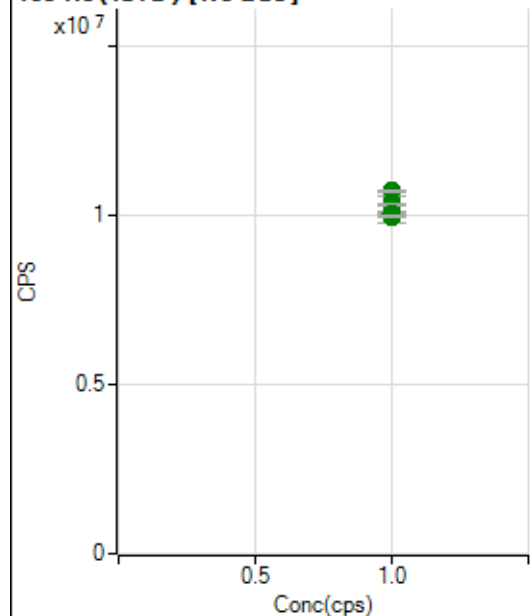
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1674360.32 |       | P        | 1.0 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1713041.26 |       | P        | 1.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1635574.71 |       | P        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1494384.01 |       | P        | 0.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1395027.90 |       | P        | 0.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1369436.91 |       | P        | 0.9 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1360711.90 |       | P        | 0.7 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1374474.30 |       | P        | 1.0 |

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

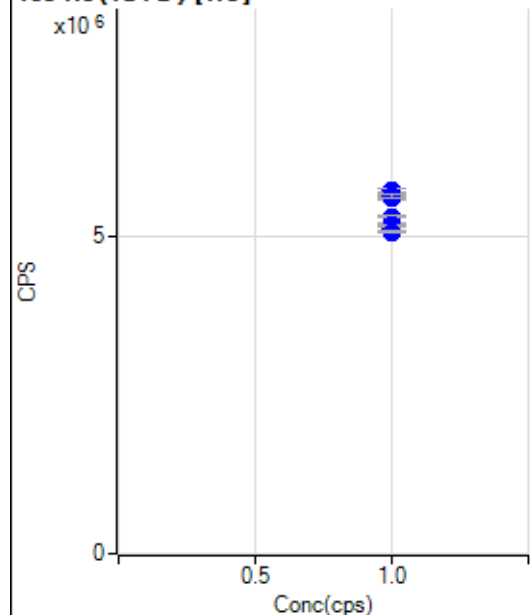
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 10413944.15 |       | A        | 1.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 10892809.28 |       | A        | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 10982333.52 |       | A        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 10595719.84 |       | A        | 0.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 10181300.82 |       | A        | 3.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 10115580.54 |       | A        | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 10242776.79 |       | A        | 0.9 |
| 9 | <input type="checkbox"/> | 1.000 |            | 10126015.96 |       | A        | 0.6 |

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

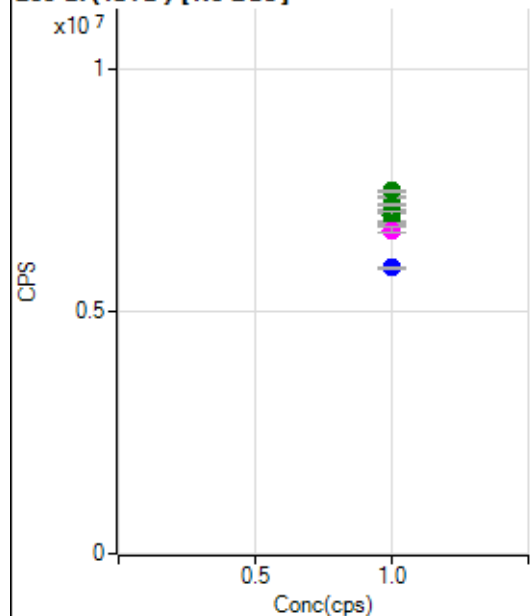
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 5458318.39 |       | P        | 1.1 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 5604887.70 |       | P        | 1.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 5495251.97 |       | P        | 0.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 5182957.11 |       | P        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 5045366.56 |       | P        | 0.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4965648.61 |       | P        | 1.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5017879.72 |       | P        | 0.9 |
| 9 | <input type="checkbox"/> | 1.000 |            | 4920777.98 |       | P        | 0.6 |

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

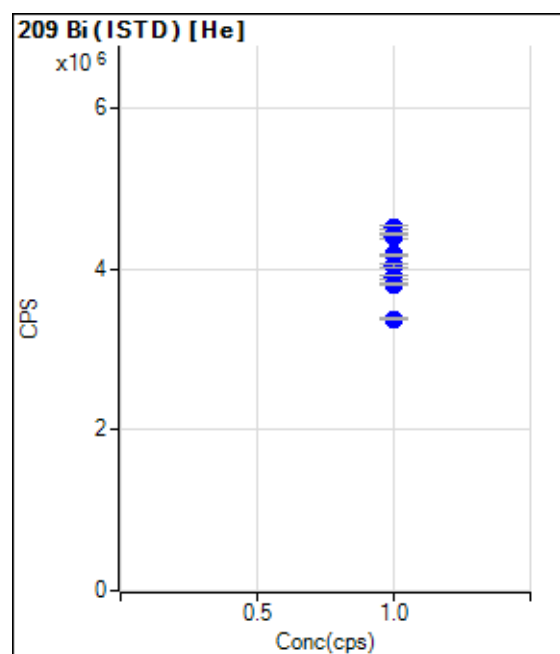
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 10037922.44 |       | A        | 0.9 |
| 2 | <input type="checkbox"/> | 1.000 |            |             |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 10569705.53 |       | A        | 0.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 10735687.65 |       | A        | 0.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 10315765.08 |       | A        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 9960664.11  |       | A        | 3.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 9941737.90  |       | A        | 0.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 10056856.91 |       | A        | 0.9 |
| 9 | <input type="checkbox"/> | 1.000 |            | 9997297.27  |       | A        | 0.4 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 5583806.96 |       | P        | 1.1 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 5708010.75 |       | P        | 1.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 5635119.19 |       | P        | 0.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 5305257.87 |       | P        | 0.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 5167826.70 |       | P        | 0.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 5109841.14 |       | P        | 1.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5157681.17 |       | P        | 0.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 5058093.88 |       | P        | 0.6 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 7070144.41 |       | A        | 1.0 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 7353000.37 |       | A        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 7486869.47 |       | A        | 0.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 7197932.26 |       | A        | 0.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6972075.31 |       | A        | 2.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6813254.35 |       | A        | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 6683953.86 |       | M        | 1.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 5900076.79 |       | P        | 0.8 |



|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4407683.68 |       | P        | 0.9 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 4512955.97 |       | P        | 1.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4435951.29 |       | P        | 0.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4177658.90 |       | P        | 0.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4048164.49 |       | P        | 1.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 3900082.10 |       | P        | 0.9 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3807159.63 |       | P        | 0.8 |
| 9 | <input type="checkbox"/> | 1.000 |            | 3377593.35 |       | P        | 0.6 |

US EPA Tune Check Sample Report

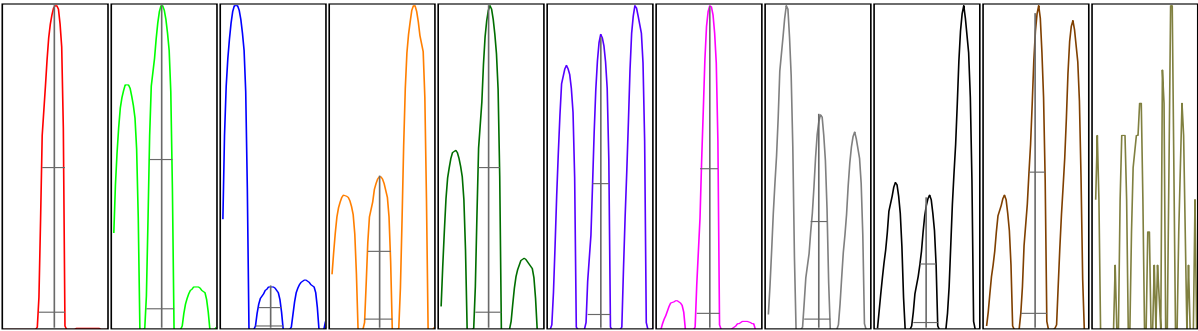
Batch Folder D:\ICP-MS Data\P7122718-MS.b  
Report Comment  
Instrument Name G8403A JP14410463

[No Gas]

| Mass | Count<br>(Mean) | RSD%<br>(Actual) | RSD%<br>(Required) | RSD%<br>(Flag) |
|------|-----------------|------------------|--------------------|----------------|
| 9    | 11678           | 0.32             | 5.00               |                |
| 24   | 92037           | 0.48             | 5.00               |                |
| 25   | 12178           | 0.52             | 5.00               |                |
| 26   | 14057           | 0.51             | 5.00               |                |
| 59   | 67324           | 0.90             | 5.00               |                |
| 113  | 8437            | 2.22             | 5.00               |                |
| 115  | 104862          | 4.21             | 5.00               |                |
| 206  | 23366           | 1.01             | 5.00               |                |
| 207  | 21436           | 0.97             | 5.00               |                |
| 208  | 50957           | 1.03             | 5.00               |                |
| 220  | 0               | 43.24            |                    |                |

| Mass | Replicate 1<br>Count | Replicate 2<br>Count | Replicate 3<br>Count | Replicate 4<br>Count | Replicate 5<br>Count |
|------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 9    | 11677                | 11617                | 11713                | 11704                | 11676                |
| 24   | 91480                | 91679                | 92223                | 92251                | 92550                |
| 25   | 12133                | 12095                | 12214                | 12197                | 12252                |
| 26   | 13995                | 13970                | 14073                | 14112                | 14132                |
| 59   | 66695                | 66628                | 67716                | 67762                | 67817                |
| 113  | 8725                 | 8505                 | 8397                 | 8282                 | 8273                 |
| 115  | 111115               | 107111               | 104376               | 101695               | 100015               |
| 206  | 23019                | 23243                | 23462                | 23486                | 23620                |
| 207  | 21156                | 21278                | 21521                | 21593                | 21632                |
| 208  | 50446                | 50346                | 51224                | 51271                | 51498                |
| 220  | 0                    | 0                    | 0                    | 0                    | 0                    |

Integration Time [sec] = 0.1



| Mass | Peak<br>Height | Axis<br>(Actual) | Axis<br>(Required) | Axis<br>(Flag) | Width-X%<br>(Actual) | Width-X%<br>(Required) | Width-<br>X%<br>(Flag) |
|------|----------------|------------------|--------------------|----------------|----------------------|------------------------|------------------------|
| 9    | 19351          | 9.00             | 8.9 - 9.1          |                | 0.771                | 0.900                  |                        |
| 24   | 147879         | 23.95            | 23.9 - 24.1        |                | 0.811                | 0.900                  |                        |
| 25   | 19534          | 24.95            | 24.9 - 25.1        |                | 0.788                | 0.900                  |                        |
| 26   | 22448          | 25.95            | 25.9 - 26.1        |                | 0.787                | 0.900                  |                        |
| 59   | 117154         | 58.95            | 58.9 - 59.1        |                | 0.776                | 0.900                  |                        |
| 113  | 16949          | 113.05           | 112.9 - 113.1      |                | 0.687                | 0.900                  |                        |
| 115  | 209713         | 115.05           | 114.9 - 115.1      |                | 0.681                | 0.900                  |                        |
| 206  | 48844          | 206.05           | 205.9 - 206.1      |                | 0.770                | 0.900                  |                        |
| 207  | 43695          | 207.00           | 206.9 - 207.1      |                | 0.735                | 0.900                  |                        |
| 208  | 104970         | 208.00           | 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         |
|---------------|-------|------|----------------|-------|-------|---------------------|-------|--------------|
| RF Power      | 1600  | W    | Carrier Gas    | 0.80  | L/min | S/C Temp            |       | 2 °C         |
| RF Matching   | 1.80  | V    | Option Gas     | 0.0   | %     | Gas Switch          |       | Dilution Gas |
| Smpl Depth    | 9.0   | mm   | Nebulizer Pump | 0.10  | rpm   | Makeup/Dilution Gas |       | 0.37 L/min   |

## Lenses Parameters ##

| ParameterName | Value | Unit | ParameterName | Value | Unit | ParameterName | Value | Unit |
|---------------|-------|------|---------------|-------|------|---------------|-------|------|
| Extract 1     | 0.0   | V    | Omega Lens    | 6.1   | V    | Deflect       | 13.8  | V    |
| Extract 2     | -90.0 | V    | Cell Entrance | -30   | V    | Plate Bias    | -35   | V    |
| Omega Bias    | -50   | 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   | 15692           | 1.92             |                    |
| 89   | 20470           | 1.82             |                    |
| 205  | 21788           | 1.32             |                    |

| Mass | Replicate 1<br>Count | Replicate 2<br>Count | Replicate 3<br>Count | Replicate 4<br>Count | Replicate 5<br>Count |
|------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 59   | 16171                | 15703                | 15347                | 15579                | 15658                |
| 89   | 20982                | 20597                | 19972                | 20308                | 20490                |
| 205  | 22221                | 21726                | 21417                | 21805                | 21768                |

Integration Time [sec] = 0.1

Tune Parameters

## Plasma Paramters ##

| ParameterName | Value | Unit | ParameterName  | Value | Unit  | ParameterName       | Value | Unit         |
|---------------|-------|------|----------------|-------|-------|---------------------|-------|--------------|
| RF Power      | 1600  | W    | Carrier Gas    | 0.80  | L/min | S/C Temp            |       | 2 °C         |
| RF Matching   | 1.80  | V    | Option Gas     | 0.0   | %     | Gas Switch          |       | Dilution Gas |
| Smpl Depth    | 9.0   | mm   | Nebulizer Pump | 0.10  | rpm   | Makeup/Dilution Gas |       | 0.37 L/min   |

## Lenses Parameters ##

| ParameterName | Value | Unit | ParameterName | Value | Unit | ParameterName | Value | Unit |
|---------------|-------|------|---------------|-------|------|---------------|-------|------|
| Extract 1     | 0.0   | V    | Omega Lens    | 7.3   | V    | Deflect       | 1.6   | V    |
| Extract 2     | -95.0 | V    | Cell Entrance | -40   | V    | Plate Bias    | -60   | V    |
| Omega Bias    | -55   | V    | Cell Exit     | -60   | V    |               |       |      |

## Cell Parameters ##

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



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 11:45:39 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.19   | 0.06    | 0.13    | 0.00       | N/A     | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Arsenic    | 75-2  | -0.01   | 0.00    | 0.01    | 0.00       | N/A     | ppb   |
| Barium     | 135-1 | -0.01   | 0.01    | 0.00    | 0.00       | N/A     | ppb   |
| Barium     | 137-1 | -0.01   | 0.00    | 0.01    | 0.00       | N/A     | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | -0.01   | 0.00       | N/A     | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Bismuth    | 209-2 |         |         |         | 100        |         | %     |
| Boron      | 10-1  | -0.18   | 0.46    | -0.28   | 0.00       | N/A     | ppb   |
| Boron      | 11-1  | -0.23   | 0.31    | -0.08   | 0.00       | N/A     | ppb   |
| Cadmium    | 111-1 | -0.11   | 0.01    | 0.10    | 0.00       | N/A     | ppb   |
| Cadmium    | 106-1 | -1.45   | 0.16    | 1.29    | 0.00       | N/A     | ppb   |
| Cadmium    | 108-1 | -0.08   | 0.02    | 0.06    | 0.00       | N/A     | ppb   |
| Calcium    | 43-1  | -0.46   | 0.11    | 0.35    | 0.00       | N/A     | ppb   |
| Calcium    | 44-1  | -0.40   | 0.44    | -0.04   | 0.00       | N/A     | ppb   |
| Chromium   | 52-2  | 0.00    | -0.02   | 0.02    | 0.00       | N/A     | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Copper     | 63-2  | -0.01   | 0.00    | 0.01    | 0.00       | N/A     | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 100        |         | %     |
| Holmium    | 165-2 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Iron       | 56-2  | -0.01   | 0.06    | -0.05   | 0.00       | N/A     | ppb   |
| Iron       | 57-2  | -0.13   | -0.13   | 0.26    | 0.00       | N/A     | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.00    | 0.01    | -0.01   | 0.00       | N/A     | ppb   |
| Lead       | 207-1 | 0.00    | 0.00    | 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  | -0.08   | 0.14    | -0.05   | 0.00       | N/A     | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 11:45:39 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.01    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 94-1  | -0.02   | 0.03    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 96-1  | 0.00    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 97-1  | 0.00    | 0.00    | -0.01   | 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  | -54.36  | -22.44  | -21.31  | -32.70     |         | ppb   |
| Potassium  | 39-2  | 0.85    | 0.35    | -1.21   | 0.00       | N/A     | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Rhodium    | 103-2 |         |         |         | 100        |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 100        |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.20    | -0.16   | -0.04   | 0.00       | N/A     | ppb   |
| Selenium   | 82-1  | -0.08   | 0.15    | -0.07   | 0.00       | N/A     | ppb   |
| Silicon    | 28-1  | -0.23   | 0.02    | 0.22    | 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  | -0.45   | 0.64    | -0.19   | 0.00       | N/A     | ppb   |
| Strontium  | 86-1  | 0.02    | 0.01    | -0.04   | 0.00       | N/A     | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Sulfur     | 34-1  | 49.33   | 34.35   | -40.77  | 14.30      | 337.49  | ppb   |
| Terbium    | 159-1 |         |         |         | 100        |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Thorium    | 232-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Tin        | 118-1 | 0.01    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |
| Titanium   | 47-1  | 0.00    | 0.01    | -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    | 0.01    | 0.00    | 0.00       | N/A     | ppb   |
| Yttrium    | 89-1  |         |         |         | 100        |         | %     |
| Yttrium    | 89-2  |         |         |         | 100        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 11:45:39 | DataFile Name :   | 003CALB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | -0.09   | 0.10    | -0.01   | 0.00       | N/A     | ppb   |
| Zirconium | 90-1 | 0.00    | 0.00    | 0.01    | 0.00       | N/A     | ppb   |
| Zirconium | 91-1 | 0.01    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : S2 Instrumnet Name : P7  
 Client Sample ID : S2 Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 11:53:44 DataFile Name : 005CALS.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 17.08   | 19.58   | 16.64   | 17.76      | 8.92    | ppb   |
| Antimony   | 121-1 | 1.96    | 1.92    | 1.99    | 1.96       | 1.67    | ppb   |
| Arsenic    | 75-2  | 0.85    | 1.10    | 1.01    | 0.99       | 12.98   | ppb   |
| Barium     | 135-1 | 10.13   | 9.90    | 9.95    | 9.99       | 1.23    | ppb   |
| Barium     | 137-1 | 9.95    | 9.82    | 9.96    | 9.91       | 0.77    | ppb   |
| Beryllium  | 9-1   | 1.00    | 0.95    | 0.97    | 0.97       | 2.26    | ppb   |
| Bismuth    | 209-1 |         |         |         | 104        |         | %     |
| Bismuth    | 209-2 |         |         |         | 102        |         | %     |
| Boron      | 10-1  | 22.07   | 22.57   | 23.89   | 22.84      | 4.10    | ppb   |
| Boron      | 11-1  | 22.06   | 22.68   | 23.24   | 22.66      | 2.62    | ppb   |
| Cadmium    | 111-1 | 0.96    | 1.03    | 1.01    | 1.00       | 3.94    | ppb   |
| Cadmium    | 106-1 | 0.59    | 0.72    | 0.45    | 0.58       | 23.81   | ppb   |
| Cadmium    | 108-1 | 0.75    | 0.60    | 0.74    | 0.70       | 11.61   | ppb   |
| Calcium    | 43-1  | 463.17  | 444.78  | 448.20  | 452.05     | 2.16    | ppb   |
| Calcium    | 44-1  | 458.74  | 448.56  | 462.05  | 456.45     | 1.54    | ppb   |
| Chromium   | 52-2  | 1.86    | 1.81    | 1.88    | 1.85       | 1.90    | ppb   |
| Cobalt     | 59-2  | 0.97    | 0.97    | 0.98    | 0.97       | 0.39    | ppb   |
| Copper     | 63-2  | 2.02    | 2.04    | 2.07    | 2.04       | 1.27    | 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 |         |         |         | 105        |         | %     |
| Holmium    | 165-2 |         |         |         | 102        |         | %     |
| Indium     | 115-1 |         |         |         | 104        |         | %     |
| Indium     | 115-2 |         |         |         | 102        |         | %     |
| Iron       | 56-2  | 51.55   | 51.71   | 50.70   | 51.32      | 1.06    | ppb   |
| Iron       | 57-2  | 52.97   | 54.92   | 52.77   | 53.56      | 2.22    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.96    | 0.89    | 0.90    | 0.92       | 3.72    | ppb   |
| Lead       | 207-1 | 0.84    | 0.83    | 0.82    | 0.83       | 1.38    | ppb   |
| Lead       | 208-1 | 0.89    | 0.88    | 0.87    | 0.88       | 1.04    | ppb   |
| Lithium    | 6-1   |         |         |         | 104        |         | %     |
| Magnesium  | 24-2  | 474.09  | 477.83  | 482.31  | 478.08     | 0.86    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S2                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 11:53:44 | DataFile Name :   | 005CALS.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.91    | 0.90    | 0.92    | 0.91       | 1.33    | ppb   |
| Molybdenum | 94-1  | 5.06    | 4.74    | 4.64    | 4.81       | 4.49    | ppb   |
| Molybdenum | 95-1  | 4.83    | 4.76    | 4.85    | 4.81       | 0.97    | ppb   |
| Molybdenum | 96-1  | 5.00    | 4.67    | 4.74    | 4.80       | 3.61    | ppb   |
| Molybdenum | 97-1  | 4.99    | 4.88    | 4.73    | 4.87       | 2.68    | ppb   |
| Molybdenum | 98-1  | 4.93    | 4.77    | 4.66    | 4.79       | 2.84    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.98    | 1.07    | 1.05    | 1.03       | 4.49    | ppb   |
| Phosphorus | 31-2  | 30.25   | 36.87   | 30.98   | 32.70      | 11.09   | ppb   |
| Potassium  | 39-2  | 456.67  | 453.77  | 459.99  | 456.81     | 0.68    | ppb   |
| Rhodium    | 103-1 |         |         |         | 104        |         | %     |
| Rhodium    | 103-2 |         |         |         | 103        |         | %     |
| Scandium   | 45-1  |         |         |         | 104        |         | %     |
| Scandium   | 45-2  |         |         |         | 104        |         | %     |
| Selenium   | 77-2  | 4.49    | 4.43    | 3.22    | 4.05       | 17.79   | ppb   |
| Selenium   | 78-2  | 4.78    | 5.96    | 5.94    | 5.56       | 12.22   | ppb   |
| Selenium   | 82-1  | 5.58    | 4.78    | 5.18    | 5.18       | 7.74    | ppb   |
| Silicon    | 28-1  | 8.34    | 7.66    | 7.72    | 7.90       | 4.76    | ppb   |
| Silver     | 109-1 | 1.06    | 1.11    | 1.09    | 1.09       | 2.02    | ppb   |
| Silver     | 107-1 | 1.03    | 1.09    | 1.01    | 1.04       | 3.58    | ppb   |
| Sodium     | 23-2  | 448.25  | 445.53  | 450.51  | 448.10     | 0.56    | ppb   |
| Strontium  | 86-1  | 0.96    | 0.88    | 0.98    | 0.94       | 5.29    | ppb   |
| Strontium  | 88-1  | 0.92    | 0.92    | 0.89    | 0.91       | 2.22    | ppb   |
| Sulfur     | 34-1  | 37.06   | -70.46  | -9.51   | -14.30     |         | ppb   |
| Terbium    | 159-1 |         |         |         | 105        |         | %     |
| Terbium    | 159-2 |         |         |         | 103        |         | %     |
| Thallium   | 203-1 | 0.88    | 0.83    | 0.86    | 0.85       | 3.10    | ppb   |
| Thallium   | 205-1 | 0.89    | 0.91    | 0.89    | 0.90       | 1.32    | ppb   |
| Thorium    | 232-1 | 0.81    | 0.83    | 0.83    | 0.82       | 1.46    | ppb   |
| Tin        | 118-1 | 5.13    | 5.04    | 5.03    | 5.07       | 1.12    | ppb   |
| Titanium   | 47-1  | 4.46    | 4.91    | 4.89    | 4.75       | 5.30    | ppb   |
| Uranium    | 238-1 | 0.81    | 0.83    | 0.80    | 0.81       | 1.83    | ppb   |
| Vanadium   | 51-2  | 5.15    | 4.86    | 4.95    | 4.99       | 2.97    | ppb   |
| Yttrium    | 89-1  |         |         |         | 105        |         | %     |
| Yttrium    | 89-2  |         |         |         | 102        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S2                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 11:53:44 | DataFile Name :   | 005CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 2.02    | 1.79    | 1.79    | 1.87       | 7.17    | ppb   |
| Zirconium | 90-1 | 0.91    | 0.92    | 0.91    | 0.91       | 0.55    | ppb   |
| Zirconium | 91-1 | 0.98    | 0.89    | 0.91    | 0.93       | 5.30    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB100071            | Operator :        | Jaswal     |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S3                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-12-27 11:57:39 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1016.88 | 997.28  | 982.91  | 999.02     | 1.71    | ppb   |
| Antimony   | 121-1 | 52.48   | 52.30   | 52.74   | 52.51      | 0.42    | ppb   |
| Arsenic    | 75-2  | 52.17   | 52.44   | 53.56   | 52.72      | 1.40    | ppb   |
| Barium     | 135-1 | 261.52  | 263.37  | 261.21  | 262.03     | 0.44    | ppb   |
| Barium     | 137-1 | 260.84  | 262.89  | 261.91  | 261.88     | 0.39    | ppb   |
| Beryllium  | 9-1   | 52.74   | 52.59   | 52.36   | 52.56      | 0.37    | ppb   |
| Bismuth    | 209-1 |         |         |         | 106        |         | %     |
| Bismuth    | 209-2 |         |         |         | 101        |         | %     |
| Boron      | 10-1  | 49.22   | 48.85   | 50.71   | 49.59      | 1.99    | ppb   |
| Boron      | 11-1  | 50.00   | 50.19   | 49.14   | 49.78      | 1.12    | ppb   |
| Cadmium    | 111-1 | 55.85   | 55.69   | 55.85   | 55.80      | 0.16    | ppb   |
| Cadmium    | 106-1 | 55.43   | 54.86   | 54.57   | 54.95      | 0.80    | ppb   |
| Cadmium    | 108-1 | 57.57   | 54.68   | 57.78   | 56.68      | 3.06    | ppb   |
| Calcium    | 43-1  | 5021.05 | 5002.20 | 5039.84 | 5021.03    | 0.37    | ppb   |
| Calcium    | 44-1  | 4994.38 | 5052.01 | 4994.63 | 5013.68    | 0.66    | ppb   |
| Chromium   | 52-2  | 53.00   | 52.02   | 51.28   | 52.10      | 1.65    | ppb   |
| Cobalt     | 59-2  | 54.26   | 53.52   | 53.28   | 53.69      | 0.95    | ppb   |
| Copper     | 63-2  | 111.48  | 111.15  | 109.01  | 110.55     | 1.21    | 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 |         |         |         | 107        |         | %     |
| Holmium    | 165-2 |         |         |         | 101        |         | %     |
| Indium     | 115-1 |         |         |         | 104        |         | %     |
| Indium     | 115-2 |         |         |         | 98         |         | %     |
| Iron       | 56-2  | 2721.36 | 2669.65 | 2668.18 | 2686.40    | 1.13    | ppb   |
| Iron       | 57-2  | 2740.35 | 2698.12 | 2734.55 | 2724.34    | 0.84    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 48.42   | 49.02   | 48.80   | 48.75      | 0.62    | ppb   |
| Lead       | 207-1 | 48.69   | 48.76   | 48.18   | 48.54      | 0.65    | ppb   |
| Lead       | 208-1 | 48.53   | 48.90   | 48.32   | 48.58      | 0.60    | ppb   |
| Lithium    | 6-1   |         |         |         | 105        |         | %     |
| Magnesium  | 24-2  | 5443.41 | 5399.61 | 5360.72 | 5401.24    | 0.77    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB100071            | Operator :        | Jaswal     |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S3                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-12-27 11:57:39 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 102.98  | 102.51  | 103.23  | 102.91     | 0.36    | ppb   |
| Molybdenum | 94-1  | 252.33  | 249.99  | 248.40  | 250.24     | 0.79    | ppb   |
| Molybdenum | 95-1  | 251.09  | 252.79  | 251.06  | 251.65     | 0.39    | ppb   |
| Molybdenum | 96-1  | 250.70  | 251.25  | 250.72  | 250.89     | 0.12    | ppb   |
| Molybdenum | 97-1  | 250.36  | 249.75  | 248.83  | 249.65     | 0.31    | ppb   |
| Molybdenum | 98-1  | 252.45  | 248.94  | 251.01  | 250.80     | 0.70    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 55.04   | 54.95   | 54.53   | 54.84      | 0.50    | ppb   |
| Phosphorus | 31-2  | 1093.54 | 997.45  | 1062.36 | 1051.12    | 4.66    | ppb   |
| Potassium  | 39-2  | 2569.56 | 2526.02 | 2524.39 | 2539.99    | 1.01    | ppb   |
| Rhodium    | 103-1 |         |         |         | 103        |         | %     |
| Rhodium    | 103-2 |         |         |         | 98         |         | %     |
| Scandium   | 45-1  |         |         |         | 103        |         | %     |
| Scandium   | 45-2  |         |         |         | 97         |         | %     |
| Selenium   | 77-2  | 47.83   | 52.24   | 60.69   | 53.59      | 12.20   | ppb   |
| Selenium   | 78-2  | 55.51   | 50.41   | 50.37   | 52.10      | 5.67    | ppb   |
| Selenium   | 82-1  | 52.26   | 52.12   | 51.54   | 51.97      | 0.74    | ppb   |
| Silicon    | 28-1  | 53.92   | 55.31   | 55.05   | 54.76      | 1.35    | ppb   |
| Silver     | 109-1 | 57.15   | 56.73   | 57.35   | 57.08      | 0.56    | ppb   |
| Silver     | 107-1 | 57.58   | 57.68   | 57.25   | 57.50      | 0.39    | ppb   |
| Sodium     | 23-2  | 5038.52 | 4949.05 | 4971.02 | 4986.20    | 0.94    | ppb   |
| Strontium  | 86-1  | 48.81   | 49.76   | 49.95   | 49.50      | 1.24    | ppb   |
| Strontium  | 88-1  | 49.57   | 50.36   | 49.83   | 49.92      | 0.80    | ppb   |
| Sulfur     | 34-1  | 1180.76 | 1169.26 | 1091.75 | 1147.25    | 4.22    | ppb   |
| Terbium    | 159-1 |         |         |         | 105        |         | %     |
| Terbium    | 159-2 |         |         |         | 101        |         | %     |
| Thallium   | 203-1 | 47.58   | 47.74   | 47.61   | 47.64      | 0.18    | ppb   |
| Thallium   | 205-1 | 48.83   | 48.63   | 48.44   | 48.63      | 0.40    | ppb   |
| Thorium    | 232-1 | 45.56   | 45.61   | 45.01   | 45.39      | 0.72    | ppb   |
| Tin        | 118-1 | 52.98   | 52.91   | 52.83   | 52.91      | 0.15    | ppb   |
| Titanium   | 47-1  | 252.27  | 255.41  | 251.05  | 252.91     | 0.89    | ppb   |
| Uranium    | 238-1 | 45.20   | 45.26   | 44.93   | 45.13      | 0.39    | ppb   |
| Vanadium   | 51-2  | 52.61   | 51.66   | 51.37   | 51.88      | 1.25    | ppb   |
| Yttrium    | 89-1  |         |         |         | 104        |         | %     |
| Yttrium    | 89-2  |         |         |         | 98         |         | %     |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S3                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 11:57:39 | DataFile Name :   | 006CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 110.09  | 108.34  | 106.37  | 108.27     | 1.72    | ppb   |
| Zirconium | 90-1 | 49.74   | 49.70   | 49.27   | 49.57      | 0.53    | ppb   |
| Zirconium | 91-1 | 49.93   | 49.46   | 49.76   | 49.72      | 0.47    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : S4 Instrumnet Name : P7  
 Client Sample ID : S4 Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 12:01:43 DataFile Name : 007CAL.S.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 2501.11  | 2507.27  | 2504.90  | 2504.42    | 0.12    | ppb   |
| Antimony   | 121-1 | 130.15   | 131.30   | 129.23   | 130.23     | 0.80    | ppb   |
| Arsenic    | 75-2  | 130.59   | 130.45   | 127.78   | 129.60     | 1.22    | ppb   |
| Barium     | 135-1 | 645.84   | 652.87   | 646.37   | 648.36     | 0.60    | ppb   |
| Barium     | 137-1 | 647.56   | 654.17   | 643.83   | 648.52     | 0.81    | ppb   |
| Beryllium  | 9-1   | 130.15   | 130.59   | 132.00   | 130.91     | 0.74    | ppb   |
| Bismuth    | 209-1 |          |          |          | 102        |         | %     |
| Bismuth    | 209-2 |          |          |          | 95         |         | %     |
| Boron      | 10-1  | 121.72   | 122.86   | 129.70   | 124.76     | 3.46    | ppb   |
| Boron      | 11-1  | 123.94   | 125.58   | 126.75   | 125.43     | 1.13    | ppb   |
| Cadmium    | 111-1 | 135.76   | 137.71   | 136.49   | 136.66     | 0.72    | ppb   |
| Cadmium    | 106-1 | 137.51   | 136.76   | 136.11   | 136.79     | 0.51    | ppb   |
| Cadmium    | 108-1 | 139.23   | 136.32   | 134.40   | 136.65     | 1.78    | ppb   |
| Calcium    | 43-1  | 12623.12 | 12677.19 | 12574.84 | 12625.05   | 0.41    | ppb   |
| Calcium    | 44-1  | 12515.76 | 12567.99 | 12516.95 | 12533.57   | 0.24    | ppb   |
| Chromium   | 52-2  | 128.20   | 130.77   | 129.50   | 129.49     | 0.99    | ppb   |
| Cobalt     | 59-2  | 131.39   | 133.95   | 132.89   | 132.75     | 0.97    | ppb   |
| Copper     | 63-2  | 269.88   | 275.45   | 271.28   | 272.20     | 1.06    | 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 |          |          |          | 95         |         | %     |
| Indium     | 115-1 |          |          |          | 97         |         | %     |
| Indium     | 115-2 |          |          |          | 89         |         | %     |
| Iron       | 56-2  | 6683.33  | 6812.41  | 6728.87  | 6741.54    | 0.97    | ppb   |
| Iron       | 57-2  | 6765.19  | 6838.20  | 6777.22  | 6793.54    | 0.58    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 122.42   | 123.36   | 123.76   | 123.18     | 0.56    | ppb   |
| Lead       | 207-1 | 122.18   | 123.67   | 124.27   | 123.37     | 0.87    | ppb   |
| Lead       | 208-1 | 122.65   | 123.18   | 123.59   | 123.14     | 0.38    | ppb   |
| Lithium    | 6-1   |          |          |          | 98         |         | %     |
| Magnesium  | 24-2  | 13483.50 | 13632.21 | 13494.20 | 13536.63   | 0.61    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB100071            | Operator :        | Jaswal     |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S4                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-12-27 12:01:43 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 253.00   | 260.76   | 257.81   | 257.19     | 1.52    | ppb   |
| Molybdenum | 94-1  | 625.00   | 628.17   | 629.20   | 627.46     | 0.35    | ppb   |
| Molybdenum | 95-1  | 629.62   | 628.90   | 633.79   | 630.77     | 0.42    | ppb   |
| Molybdenum | 96-1  | 622.87   | 631.43   | 633.49   | 629.26     | 0.89    | ppb   |
| Molybdenum | 97-1  | 626.60   | 629.68   | 626.67   | 627.65     | 0.28    | ppb   |
| Molybdenum | 98-1  | 625.74   | 634.12   | 630.74   | 630.20     | 0.67    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 133.34   | 137.42   | 135.81   | 135.52     | 1.51    | ppb   |
| Phosphorus | 31-2  | 2491.99  | 2669.44  | 2590.05  | 2583.82    | 3.44    | ppb   |
| Potassium  | 39-2  | 6257.81  | 6355.28  | 6214.18  | 6275.75    | 1.15    | ppb   |
| Rhodium    | 103-1 |          |          |          | 95         |         | %     |
| Rhodium    | 103-2 |          |          |          | 88         |         | %     |
| Scandium   | 45-1  |          |          |          | 96         |         | %     |
| Scandium   | 45-2  |          |          |          | 87         |         | %     |
| Selenium   | 77-2  | 134.52   | 125.52   | 126.63   | 128.89     | 3.81    | ppb   |
| Selenium   | 78-2  | 138.95   | 126.28   | 132.32   | 132.52     | 4.78    | ppb   |
| Selenium   | 82-1  | 130.93   | 132.22   | 131.80   | 131.65     | 0.50    | ppb   |
| Silicon    | 28-1  | 136.10   | 140.29   | 139.95   | 138.78     | 1.68    | ppb   |
| Silver     | 109-1 | 138.48   | 138.61   | 138.36   | 138.48     | 0.09    | ppb   |
| Silver     | 107-1 | 138.07   | 138.72   | 138.17   | 138.32     | 0.25    | ppb   |
| Sodium     | 23-2  | 12460.30 | 12587.56 | 12482.15 | 12510.00   | 0.54    | ppb   |
| Strontium  | 86-1  | 125.42   | 125.07   | 126.15   | 125.55     | 0.44    | ppb   |
| Strontium  | 88-1  | 125.71   | 125.94   | 125.50   | 125.72     | 0.18    | ppb   |
| Sulfur     | 34-1  | 2541.12  | 2604.70  | 2565.13  | 2570.32    | 1.25    | ppb   |
| Terbium    | 159-1 |          |          |          | 102        |         | %     |
| Terbium    | 159-2 |          |          |          | 95         |         | %     |
| Thallium   | 203-1 | 120.37   | 121.81   | 121.34   | 121.17     | 0.61    | ppb   |
| Thallium   | 205-1 | 122.01   | 123.59   | 123.80   | 123.14     | 0.79    | ppb   |
| Thorium    | 232-1 | 117.44   | 117.93   | 118.60   | 117.99     | 0.49    | ppb   |
| Tin        | 118-1 | 129.31   | 131.16   | 129.06   | 129.84     | 0.88    | ppb   |
| Titanium   | 47-1  | 629.47   | 635.16   | 629.53   | 631.39     | 0.52    | ppb   |
| Uranium    | 238-1 | 117.31   | 117.07   | 118.24   | 117.54     | 0.52    | ppb   |
| Vanadium   | 51-2  | 127.74   | 129.30   | 127.51   | 128.18     | 0.76    | ppb   |
| Yttrium    | 89-1  |          |          |          | 98         |         | %     |
| Yttrium    | 89-2  |          |          |          | 89         |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S4                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 12:01:43 | DataFile Name :   | 007CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 271.00  | 274.14  | 269.05  | 271.40     | 0.95    | ppb   |
| Zirconium | 90-1 | 123.66  | 123.82  | 123.71  | 123.73     | 0.07    | ppb   |
| Zirconium | 91-1 | 123.81  | 125.73  | 125.19  | 124.91     | 0.79    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB100071            | Operator :        | Jaswal     |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S5                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-12-27 12:05:32 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 4915.96  | 4906.08  | 4878.84  | 4900.29    | 0.39    | ppb   |
| Antimony   | 121-1 | 246.82   | 259.84   | 252.71   | 253.12     | 2.58    | ppb   |
| Arsenic    | 75-2  | 255.09   | 251.53   | 250.70   | 252.44     | 0.92    | ppb   |
| Barium     | 135-1 | 1224.16  | 1299.93  | 1269.96  | 1264.68    | 3.02    | ppb   |
| Barium     | 137-1 | 1236.11  | 1305.61  | 1274.79  | 1272.17    | 2.74    | ppb   |
| Beryllium  | 9-1   | 252.81   | 264.37   | 259.50   | 258.90     | 2.24    | ppb   |
| Bismuth    | 209-1 |          |          |          | 99         |         | %     |
| Bismuth    | 209-2 |          |          |          | 92         |         | %     |
| Boron      | 10-1  | 241.25   | 258.88   | 255.01   | 251.72     | 3.68    | ppb   |
| Boron      | 11-1  | 237.87   | 259.80   | 252.90   | 250.19     | 4.48    | ppb   |
| Cadmium    | 111-1 | 254.38   | 269.40   | 262.37   | 262.05     | 2.87    | ppb   |
| Cadmium    | 106-1 | 252.63   | 270.12   | 261.65   | 261.47     | 3.35    | ppb   |
| Cadmium    | 108-1 | 255.26   | 269.74   | 262.42   | 262.47     | 2.76    | ppb   |
| Calcium    | 43-1  | 24317.02 | 25970.17 | 25705.55 | 25330.92   | 3.51    | ppb   |
| Calcium    | 44-1  | 24389.41 | 25899.69 | 25595.17 | 25294.76   | 3.16    | ppb   |
| Chromium   | 52-2  | 253.27   | 252.86   | 252.67   | 252.93     | 0.12    | ppb   |
| Cobalt     | 59-2  | 258.93   | 254.30   | 257.52   | 256.92     | 0.92    | ppb   |
| Copper     | 63-2  | 527.90   | 521.76   | 525.36   | 525.01     | 0.59    | 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 |          |          |          | 99         |         | %     |
| Holmium    | 165-2 |          |          |          | 93         |         | %     |
| Indium     | 115-1 |          |          |          | 90         |         | %     |
| Indium     | 115-2 |          |          |          | 83         |         | %     |
| Iron       | 56-2  | 13327.90 | 13173.14 | 13241.91 | 13247.65   | 0.59    | ppb   |
| Iron       | 57-2  | 13389.79 | 13313.92 | 13296.31 | 13333.34   | 0.37    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 243.92   | 257.61   | 251.64   | 251.06     | 2.73    | ppb   |
| Lead       | 207-1 | 242.86   | 257.50   | 250.04   | 250.13     | 2.93    | ppb   |
| Lead       | 208-1 | 242.55   | 256.28   | 249.43   | 249.42     | 2.75    | ppb   |
| Lithium    | 6-1   |          |          |          | 88         |         | %     |
| Magnesium  | 24-2  | 26860.97 | 26528.78 | 26697.47 | 26695.74   | 0.62    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB100071            | Operator :        | Jaswal     |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S5                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-12-27 12:05:32 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 507.40   | 506.40   | 507.57   | 507.12     | 0.12    | ppb   |
| Molybdenum | 94-1  | 1222.54  | 1294.70  | 1265.38  | 1260.87    | 2.88    | ppb   |
| Molybdenum | 95-1  | 1220.35  | 1306.06  | 1267.32  | 1264.58    | 3.39    | ppb   |
| Molybdenum | 96-1  | 1223.73  | 1304.99  | 1266.25  | 1264.99    | 3.21    | ppb   |
| Molybdenum | 97-1  | 1215.07  | 1300.20  | 1268.34  | 1261.21    | 3.41    | ppb   |
| Molybdenum | 98-1  | 1208.34  | 1297.44  | 1261.77  | 1255.85    | 3.57    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 259.72   | 258.01   | 261.33   | 259.69     | 0.64    | ppb   |
| Phosphorus | 31-2  | 5126.24  | 5229.87  | 5022.34  | 5126.15    | 2.02    | ppb   |
| Potassium  | 39-2  | 12296.23 | 12197.41 | 12411.66 | 12301.77   | 0.87    | ppb   |
| Rhodium    | 103-1 |          |          |          | 87         |         | %     |
| Rhodium    | 103-2 |          |          |          | 82         |         | %     |
| Scandium   | 45-1  |          |          |          | 86         |         | %     |
| Scandium   | 45-2  |          |          |          | 80         |         | %     |
| Selenium   | 77-2  | 259.86   | 265.88   | 263.59   | 263.11     | 1.15    | ppb   |
| Selenium   | 78-2  | 256.44   | 251.83   | 260.09   | 256.12     | 1.62    | ppb   |
| Selenium   | 82-1  | 251.10   | 269.76   | 261.23   | 260.70     | 3.58    | ppb   |
| Silicon    | 28-1  | 262.54   | 284.99   | 280.99   | 276.17     | 4.34    | ppb   |
| Silver     | 109-1 | 252.68   | 268.98   | 261.00   | 260.89     | 3.12    | ppb   |
| Silver     | 107-1 | 257.90   | 270.37   | 262.23   | 263.50     | 2.40    | ppb   |
| Sodium     | 23-2  | 25072.06 | 24666.37 | 24874.55 | 24870.99   | 0.82    | ppb   |
| Strontium  | 86-1  | 247.10   | 259.37   | 254.04   | 253.50     | 2.43    | ppb   |
| Strontium  | 88-1  | 243.66   | 260.02   | 253.49   | 252.39     | 3.26    | ppb   |
| Sulfur     | 34-1  | 4674.97  | 5260.74  | 4948.97  | 4961.56    | 5.91    | ppb   |
| Terbium    | 159-1 |          |          |          | 98         |         | %     |
| Terbium    | 159-2 |          |          |          | 92         |         | %     |
| Thallium   | 203-1 | 238.97   | 251.96   | 246.97   | 245.97     | 2.67    | ppb   |
| Thallium   | 205-1 | 243.84   | 256.37   | 249.79   | 250.00     | 2.51    | ppb   |
| Thorium    | 232-1 | 233.64   | 245.91   | 241.19   | 240.24     | 2.58    | ppb   |
| Tin        | 118-1 | 244.71   | 257.79   | 254.88   | 252.46     | 2.72    | ppb   |
| Titanium   | 47-1  | 1220.08  | 1288.67  | 1273.93  | 1260.89    | 2.86    | ppb   |
| Uranium    | 238-1 | 231.19   | 245.98   | 240.04   | 239.07     | 3.11    | ppb   |
| Vanadium   | 51-2  | 250.35   | 249.14   | 249.88   | 249.79     | 0.24    | ppb   |
| Yttrium    | 89-1  |          |          |          | 89         |         | %     |
| Yttrium    | 89-2  |          |          |          | 82         |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S5                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 12:05:32 | DataFile Name :   | 008CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 538.13  | 529.52  | 536.75  | 534.80     | 0.87    | ppb   |
| Zirconium | 90-1 | 241.78  | 257.05  | 251.99  | 250.27     | 3.11    | ppb   |
| Zirconium | 91-1 | 244.22  | 259.73  | 253.11  | 252.36     | 3.08    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB100071            | Operator :        | Jaswal     |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S6                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-12-27 12:09:20 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9850.76  | 9743.72  | 9645.76  | 9746.75    | 1.05    | ppb   |
| Antimony   | 121-1 | 504.17   | 496.69   | 494.85   | 498.57     | 0.99    | ppb   |
| Arsenic    | 75-2  | 502.67   | 502.05   | 498.63   | 501.12     | 0.43    | ppb   |
| Barium     | 135-1 | 2533.91  | 2491.96  | 2457.91  | 2494.59    | 1.53    | ppb   |
| Barium     | 137-1 | 2537.22  | 2494.09  | 2459.48  | 2496.93    | 1.56    | ppb   |
| Beryllium  | 9-1   | 512.21   | 508.41   | 502.15   | 507.59     | 1.00    | ppb   |
| Bismuth    | 209-1 |          |          |          | 96         |         | %     |
| Bismuth    | 209-2 |          |          |          | 88         |         | %     |
| Boron      | 10-1  | 503.58   | 499.95   | 507.65   | 503.73     | 0.76    | ppb   |
| Boron      | 11-1  | 498.71   | 503.82   | 502.29   | 501.61     | 0.52    | ppb   |
| Cadmium    | 111-1 | 514.43   | 509.51   | 504.06   | 509.34     | 1.02    | ppb   |
| Cadmium    | 106-1 | 510.56   | 509.99   | 504.22   | 508.26     | 0.69    | ppb   |
| Cadmium    | 108-1 | 515.31   | 507.21   | 501.34   | 507.95     | 1.38    | ppb   |
| Calcium    | 43-1  | 50777.48 | 50086.75 | 50506.49 | 50456.91   | 0.69    | ppb   |
| Calcium    | 44-1  | 50664.25 | 50700.09 | 50015.12 | 50459.82   | 0.76    | ppb   |
| Chromium   | 52-2  | 507.22   | 500.82   | 493.36   | 500.46     | 1.39    | ppb   |
| Cobalt     | 59-2  | 511.72   | 504.91   | 499.92   | 505.52     | 1.17    | ppb   |
| Copper     | 63-2  | 1031.00  | 1017.53  | 1014.99  | 1021.17    | 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 |          |          |          | 99         |         | %     |
| Holmium    | 165-2 |          |          |          | 92         |         | %     |
| Indium     | 115-1 |          |          |          | 88         |         | %     |
| Indium     | 115-2 |          |          |          | 82         |         | %     |
| Iron       | 56-2  | 26720.79 | 26290.51 | 25850.21 | 26287.17   | 1.66    | ppb   |
| Iron       | 57-2  | 26678.76 | 26418.44 | 26168.22 | 26421.81   | 0.97    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 500.06   | 497.24   | 485.13   | 494.15     | 1.61    | ppb   |
| Lead       | 207-1 | 504.81   | 498.54   | 488.47   | 497.27     | 1.66    | ppb   |
| Lead       | 208-1 | 500.18   | 496.77   | 486.32   | 494.42     | 1.46    | ppb   |
| Lithium    | 6-1   |          |          |          | 86         |         | %     |
| Magnesium  | 24-2  | 53588.04 | 52557.97 | 52197.54 | 52781.18   | 1.37    | ppb   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB100071            | Operator :        | Jaswal     |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S6                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-12-27 12:09:20 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 1015.88  | 1011.66  | 993.12   | 1006.89    | 1.20    | ppb   |
| Molybdenum | 94-1  | 2488.71  | 2489.67  | 2469.67  | 2482.68    | 0.45    | ppb   |
| Molybdenum | 95-1  | 2501.43  | 2516.42  | 2490.81  | 2502.89    | 0.51    | ppb   |
| Molybdenum | 96-1  | 2505.29  | 2506.56  | 2465.49  | 2492.45    | 0.94    | ppb   |
| Molybdenum | 97-1  | 2500.41  | 2503.17  | 2481.30  | 2494.96    | 0.48    | ppb   |
| Molybdenum | 98-1  | 2501.07  | 2509.70  | 2488.98  | 2499.92    | 0.42    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 509.91   | 503.92   | 505.39   | 506.41     | 0.62    | ppb   |
| Phosphorus | 31-2  | 10245.96 | 9857.46  | 9747.66  | 9950.36    | 2.63    | ppb   |
| Potassium  | 39-2  | 24846.84 | 24421.44 | 24232.93 | 24500.41   | 1.28    | ppb   |
| Rhodium    | 103-1 |          |          |          | 84         |         | %     |
| Rhodium    | 103-2 |          |          |          | 80         |         | %     |
| Scandium   | 45-1  |          |          |          | 84         |         | %     |
| Scandium   | 45-2  |          |          |          | 81         |         | %     |
| Selenium   | 77-2  | 501.93   | 490.22   | 522.22   | 504.79     | 3.21    | ppb   |
| Selenium   | 78-2  | 523.02   | 516.59   | 503.46   | 514.36     | 1.94    | ppb   |
| Selenium   | 82-1  | 510.65   | 511.52   | 501.56   | 507.91     | 1.09    | ppb   |
| Silicon    | 28-1  | 556.78   | 559.17   | 560.72   | 558.89     | 0.36    | ppb   |
| Silver     | 109-1 | 510.47   | 499.85   | 503.14   | 504.49     | 1.08    | ppb   |
| Silver     | 107-1 | 511.68   | 506.39   | 504.20   | 507.42     | 0.76    | ppb   |
| Sodium     | 23-2  | 50041.38 | 49272.80 | 49013.20 | 49442.46   | 1.08    | ppb   |
| Strontium  | 86-1  | 498.78   | 495.54   | 499.44   | 497.92     | 0.42    | ppb   |
| Strontium  | 88-1  | 500.65   | 499.32   | 496.22   | 498.73     | 0.46    | ppb   |
| Sulfur     | 34-1  | 10089.57 | 9997.78  | 9814.51  | 9967.29    | 1.40    | ppb   |
| Terbium    | 159-1 |          |          |          | 97         |         | %     |
| Terbium    | 159-2 |          |          |          | 91         |         | %     |
| Thallium   | 203-1 | 497.87   | 490.64   | 484.79   | 491.10     | 1.33    | ppb   |
| Thallium   | 205-1 | 499.91   | 496.05   | 482.56   | 492.84     | 1.85    | ppb   |
| Thorium    | 232-1 | 493.02   | 489.59   | 482.56   | 488.39     | 1.09    | ppb   |
| Tin        | 118-1 | 501.04   | 495.89   | 495.39   | 497.44     | 0.63    | ppb   |
| Titanium   | 47-1  | 2532.61  | 2494.29  | 2480.15  | 2502.35    | 1.08    | ppb   |
| Uranium    | 238-1 | 491.49   | 489.70   | 484.84   | 488.68     | 0.70    | ppb   |
| Vanadium   | 51-2  | 503.31   | 497.30   | 494.94   | 498.52     | 0.87    | ppb   |
| Yttrium    | 89-1  |          |          |          | 88         |         | %     |
| Yttrium    | 89-2  |          |          |          | 82         |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S6                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 12:09:20 | DataFile Name :   | 009CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 1041.96 | 1034.16 | 1027.05 | 1034.39    | 0.72    | ppb   |
| Zirconium | 90-1 | 496.54  | 499.17  | 492.69  | 496.13     | 0.66    | ppb   |
| Zirconium | 91-1 | 502.20  | 501.32  | 495.30  | 499.61     | 0.75    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB100071            | Operator :        | Jaswal     |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S7                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-12-27 12:13:05 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 19070.61  | 19468.77  | 19444.07  | 19327.82   | 1.15    | ppb   |
| Antimony   | 121-1 | 1003.22   | 994.96    | 999.29    | 999.16     | 0.41    | ppb   |
| Arsenic    | 75-2  | 995.42    | 1002.14   | 996.80    | 998.12     | 0.36    | ppb   |
| Barium     | 135-1 | 5042.63   | 4970.61   | 4973.30   | 4995.51    | 0.82    | ppb   |
| Barium     | 137-1 | 5042.70   | 4970.79   | 4963.89   | 4992.46    | 0.87    | ppb   |
| Beryllium  | 9-1   | 996.74    | 994.50    | 988.09    | 993.11     | 0.45    | ppb   |
| Bismuth    | 209-1 |           |           |           | 95         |         | %     |
| Bismuth    | 209-2 |           |           |           | 86         |         | %     |
| Boron      | 10-1  | 982.30    | 1001.67   | 1009.47   | 997.81     | 1.40    | ppb   |
| Boron      | 11-1  | 983.03    | 1007.39   | 1007.07   | 999.16     | 1.40    | ppb   |
| Cadmium    | 111-1 | 1002.50   | 983.48    | 985.74    | 990.57     | 1.05    | ppb   |
| Cadmium    | 106-1 | 1001.93   | 981.37    | 990.55    | 991.28     | 1.04    | ppb   |
| Cadmium    | 108-1 | 1003.37   | 987.91    | 982.07    | 991.12     | 1.11    | ppb   |
| Calcium    | 43-1  | 101645.82 | 99641.13  | 100103.56 | 100463.50  | 1.04    | ppb   |
| Calcium    | 44-1  | 101225.63 | 100276.61 | 99982.81  | 100495.02  | 0.65    | ppb   |
| Chromium   | 52-2  | 991.99    | 1002.56   | 1000.55   | 998.37     | 0.56    | ppb   |
| Cobalt     | 59-2  | 990.13    | 996.83    | 996.12    | 994.36     | 0.37    | ppb   |
| Copper     | 63-2  | 1963.61   | 1983.69   | 1992.27   | 1979.86    | 0.74    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 100        |         | %     |
| Holmium    | 165-2 |           |           |           | 92         |         | %     |
| Indium     | 115-1 |           |           |           | 87         |         | %     |
| Indium     | 115-2 |           |           |           | 81         |         | %     |
| Iron       | 56-2  | 52152.75  | 52296.18  | 51725.14  | 52058.02   | 0.57    | ppb   |
| Iron       | 57-2  | 52129.37  | 52310.63  | 51856.20  | 52098.73   | 0.44    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 1017.63   | 998.64    | 992.59    | 1002.95    | 1.30    | ppb   |
| Lead       | 207-1 | 1021.09   | 992.79    | 990.94    | 1001.61    | 1.69    | ppb   |
| Lead       | 208-1 | 1019.68   | 995.31    | 994.73    | 1003.24    | 1.42    | ppb   |
| Lithium    | 6-1   |           |           |           | 87         |         | %     |
| Magnesium  | 24-2  | 104303.44 | 105415.46 | 104945.23 | 104888.05  | 0.53    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB100071            | Operator :        | Jaswal     |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S7                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-12-27 12:13:05 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 1985.62  | 2008.25  | 1987.32  | 1993.73    | 0.63    | ppb   |
| Molybdenum | 94-1  | 5046.85  | 4963.02  | 5007.00  | 5005.62    | 0.84    | ppb   |
| Molybdenum | 95-1  | 5004.79  | 4948.40  | 5029.13  | 4994.11    | 0.83    | ppb   |
| Molybdenum | 96-1  | 5020.82  | 4956.03  | 5021.51  | 4999.45    | 0.75    | ppb   |
| Molybdenum | 97-1  | 5034.51  | 4960.14  | 5003.56  | 4999.41    | 0.75    | ppb   |
| Molybdenum | 98-1  | 5017.62  | 4941.93  | 5034.12  | 4997.89    | 0.98    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 986.20   | 997.17   | 995.08   | 992.82     | 0.59    | ppb   |
| Phosphorus | 31-2  | 19844.50 | 19896.10 | 20200.15 | 19980.25   | 0.96    | ppb   |
| Potassium  | 39-2  | 48701.13 | 49133.82 | 48476.62 | 48770.53   | 0.68    | ppb   |
| Rhodium    | 103-1 |          |          |          | 83         |         | %     |
| Rhodium    | 103-2 |          |          |          | 80         |         | %     |
| Scandium   | 45-1  |          |          |          | 86         |         | %     |
| Scandium   | 45-2  |          |          |          | 83         |         | %     |
| Selenium   | 77-2  | 1039.64  | 960.88   | 980.49   | 993.67     | 4.13    | ppb   |
| Selenium   | 78-2  | 988.10   | 991.04   | 991.60   | 990.24     | 0.19    | ppb   |
| Selenium   | 82-1  | 998.38   | 984.16   | 994.78   | 992.44     | 0.75    | ppb   |
| Silicon    | 28-1  | 965.06   | 961.59   | 959.57   | 962.07     | 0.29    | ppb   |
| Silver     | 109-1 | 996.86   | 987.47   | 994.65   | 993.00     | 0.49    | ppb   |
| Silver     | 107-1 | 1000.39  | 983.87   | 988.35   | 990.87     | 0.86    | ppb   |
| Sodium     | 23-2  | 98074.38 | 99187.91 | 98967.23 | 98743.17   | 0.60    | ppb   |
| Strontium  | 86-1  | 1010.79  | 989.64   | 999.93   | 1000.12    | 1.06    | ppb   |
| Strontium  | 88-1  | 1007.47  | 988.95   | 1003.43  | 999.95     | 0.97    | ppb   |
| Sulfur     | 34-1  | 20290.32 | 19967.84 | 19771.29 | 20009.82   | 1.31    | ppb   |
| Terbium    | 159-1 |          |          |          | 98         |         | %     |
| Terbium    | 159-2 |          |          |          | 92         |         | %     |
| Thallium   | 203-1 | 1024.52  | 999.56   | 994.09   | 1006.06    | 1.61    | ppb   |
| Thallium   | 205-1 | 1021.48  | 998.85   | 991.31   | 1003.88    | 1.56    | ppb   |
| Thorium    | 232-1 | 1022.17  | 1003.36  | 1002.53  | 1009.35    | 1.10    | ppb   |
| Tin        | 118-1 | 1009.99  | 995.15   | 994.61   | 999.91     | 0.87    | ppb   |
| Titanium   | 47-1  | 5037.03  | 4979.42  | 4969.03  | 4995.16    | 0.73    | ppb   |
| Uranium    | 238-1 | 1028.22  | 1002.27  | 998.22   | 1009.57    | 1.61    | ppb   |
| Vanadium   | 51-2  | 998.84   | 1003.62  | 998.44   | 1000.30    | 0.29    | ppb   |
| Yttrium    | 89-1  |          |          |          | 90         |         | %     |
| Yttrium    | 89-2  |          |          |          | 84         |         | %     |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB100071            | Operator :        | Jaswal     |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S7                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-12-27 12:13:05 | DataFile Name :   | 010CAL.S.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 1951.29 | 1981.58 | 1980.18 | 1971.02    | 0.87    | ppb   |
| Zirconium | 90-1 | 1010.66 | 995.21  | 1000.26 | 1002.04    | 0.79    | ppb   |
| Zirconium | 91-1 | 1019.09 | 983.65  | 996.16  | 999.63     | 1.80    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB100071            | Operator :        | Jaswal     |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S8                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-12-27 12:16:49 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 99993.78  | 100115.40 | 100384.76 | 100164.65  | 0.20    | ppb   |
| Antimony   | 121-1 | 1.13      | 1.14      | 1.18      | 1.15       | 2.57    | ppb   |
| Arsenic    | 75-2  | 1.23      | 1.40      | 1.28      | 1.30       | 6.86    | ppb   |
| Barium     | 135-1 | 0.85      | 0.82      | 0.72      | 0.80       | 8.18    | ppb   |
| Barium     | 137-1 | 0.90      | 0.82      | 0.74      | 0.82       | 9.60    | ppb   |
| Beryllium  | 9-1   | 0.12      | 0.12      | 0.10      | 0.11       | 6.56    | ppb   |
| Bismuth    | 209-1 |           |           |           | 83         |         | %     |
| Bismuth    | 209-2 |           |           |           | 77         |         | %     |
| Boron      | 10-1  | 27.53     | 24.12     | 23.10     | 24.92      | 9.30    | ppb   |
| Boron      | 11-1  | 26.58     | 24.32     | 22.76     | 24.55      | 7.83    | ppb   |
| Cadmium    | 111-1 | -0.02     | 0.02      | -0.12     | -0.04      |         | ppb   |
| Cadmium    | 106-1 | -1.76     | -0.84     | -3.07     | -1.89      |         | ppb   |
| Cadmium    | 108-1 | 0.12      | 0.27      | 0.07      | 0.15       | 68.68   | ppb   |
| Calcium    | 43-1  | 498312.81 | 499809.29 | 501403.21 | 499841.77  | 0.31    | ppb   |
| Calcium    | 44-1  | 498976.53 | 498362.16 | 502179.34 | 499839.34  | 0.41    | ppb   |
| Chromium   | 52-2  | 14.58     | 14.85     | 14.86     | 14.77      | 1.07    | ppb   |
| Cobalt     | 59-2  | 11.76     | 11.69     | 11.81     | 11.76      | 0.52    | ppb   |
| Copper     | 63-2  | 2.64      | 2.63      | 2.67      | 2.65       | 0.71    | 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 |           |           |           | 91         |         | %     |
| Indium     | 115-1 |           |           |           | 86         |         | %     |
| Indium     | 115-2 |           |           |           | 82         |         | %     |
| Iron       | 56-2  | 248824.66 | 248554.29 | 250845.49 | 249408.14  | 0.50    | ppb   |
| Iron       | 57-2  | 248630.56 | 247971.29 | 251539.87 | 249380.57  | 0.76    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 1.26      | 1.26      | 1.20      | 1.24       | 2.70    | ppb   |
| Lead       | 207-1 | 1.20      | 1.15      | 1.14      | 1.16       | 2.84    | ppb   |
| Lead       | 208-1 | 1.20      | 1.20      | 1.18      | 1.19       | 0.76    | ppb   |
| Lithium    | 6-1   |           |           |           | 88         |         | %     |
| Magnesium  | 24-2  | 495857.57 | 496972.45 | 503058.71 | 498629.58  | 0.78    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB100071            | Operator :        | Jaswal     |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S8                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-12-27 12:16:49 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 11.34     | 10.79     | 10.89     | 11.01      | 2.63    | ppb   |
| Molybdenum | 94-1  | 3.88      | 3.65      | 3.67      | 3.73       | 3.38    | ppb   |
| Molybdenum | 95-1  | 4.59      | 4.46      | 4.46      | 4.51       | 1.69    | ppb   |
| Molybdenum | 96-1  | 6.02      | 5.94      | 5.93      | 5.96       | 0.85    | ppb   |
| Molybdenum | 97-1  | 4.61      | 4.34      | 4.35      | 4.44       | 3.48    | ppb   |
| Molybdenum | 98-1  | 4.37      | 4.28      | 4.01      | 4.22       | 4.43    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 17.78     | 18.16     | 18.08     | 18.00      | 1.12    | ppb   |
| Phosphorus | 31-2  | -0.03     | -22.33    | 12.21     | -3.38      |         | ppb   |
| Potassium  | 39-2  | 248251.46 | 250152.52 | 252510.45 | 250304.81  | 0.85    | ppb   |
| Rhodium    | 103-1 |           |           |           | 78         |         | %     |
| Rhodium    | 103-2 |           |           |           | 76         |         | %     |
| Scandium   | 45-1  |           |           |           | 88         |         | %     |
| Scandium   | 45-2  |           |           |           | 89         |         | %     |
| Selenium   | 77-2  | 0.48      | 0.48      | 0.48      | 0.48       | 0.32    | ppb   |
| Selenium   | 78-2  | 0.15      | 0.53      | 0.77      | 0.48       | 65.15   | ppb   |
| Selenium   | 82-1  | 0.97      | 0.98      | 0.63      | 0.86       | 23.04   | ppb   |
| Silicon    | 28-1  | 58.33     | 60.16     | 58.81     | 59.10      | 1.60    | ppb   |
| Silver     | 109-1 | 0.07      | 0.08      | 0.08      | 0.08       | 2.92    | ppb   |
| Silver     | 107-1 | 0.06      | 0.08      | 0.06      | 0.07       | 19.06   | ppb   |
| Sodium     | 23-2  | 498703.18 | 495263.16 | 506974.19 | 500313.51  | 1.20    | ppb   |
| Strontium  | 86-1  | 4.17      | 4.26      | 4.32      | 4.25       | 1.83    | ppb   |
| Strontium  | 88-1  | 4.32      | 4.31      | 4.34      | 4.32       | 0.37    | ppb   |
| Sulfur     | 34-1  | -272.53   | -150.49   | -53.51    | -158.85    |         | ppb   |
| Terbium    | 159-1 |           |           |           | 97         |         | %     |
| Terbium    | 159-2 |           |           |           | 90         |         | %     |
| Thallium   | 203-1 | 0.18      | 0.23      | 0.21      | 0.21       | 10.44   | ppb   |
| Thallium   | 205-1 | 0.22      | 0.21      | 0.21      | 0.21       | 2.35    | ppb   |
| Thorium    | 232-1 | 0.38      | 0.34      | 0.32      | 0.34       | 9.37    | ppb   |
| Tin        | 118-1 | 0.88      | 0.89      | 0.81      | 0.86       | 5.04    | ppb   |
| Titanium   | 47-1  | 2.26      | 2.41      | 2.52      | 2.40       | 5.59    | ppb   |
| Uranium    | 238-1 | 0.08      | 0.08      | 0.09      | 0.08       | 6.98    | ppb   |
| Vanadium   | 51-2  | 0.23      | 0.16      | 0.18      | 0.19       | 16.47   | ppb   |
| Yttrium    | 89-1  |           |           |           | 90         |         | %     |
| Yttrium    | 89-2  |           |           |           | 87         |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S8                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 12:16:49 | DataFile Name :   | 011CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 14.75   | 14.98   | 16.09   | 15.27      | 4.69    | ppb   |
| Zirconium | 90-1 | 0.42    | 0.45    | 0.43    | 0.43       | 3.61    | ppb   |
| Zirconium | 91-1 | 0.39    | 0.42    | 0.49    | 0.43       | 11.47   | ppb   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB100071            | Operator :        | Jaswal     |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P7         |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-12-27 12:26:10 | DataFile Name :   | 013ICV01.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 541.97  | 518.56  | 514.19  | 524.90     | 2.85    | ppb   |
| Antimony   | 121-1 | 198.54  | 201.18  | 198.43  | 199.38     | 0.78    | ppb   |
| Arsenic    | 75-2  | 210.00  | 210.70  | 207.88  | 209.53     | 0.70    | ppb   |
| Barium     | 135-1 | 99.71   | 100.80  | 98.84   | 99.78      | 0.98    | ppb   |
| Barium     | 137-1 | 99.41   | 101.17  | 100.32  | 100.30     | 0.88    | ppb   |
| Beryllium  | 9-1   | 100.87  | 99.76   | 99.22   | 99.95      | 0.85    | ppb   |
| Bismuth    | 209-1 |         |         |         | 107        |         | %     |
| Bismuth    | 209-2 |         |         |         | 100        |         | %     |
| Boron      | 10-1  | 5.64    | 5.01    | 4.73    | 5.13       | 9.07    | ppb   |
| Boron      | 11-1  | 4.88    | 5.06    | 5.20    | 5.05       | 3.12    | ppb   |
| Cadmium    | 111-1 | 104.56  | 106.10  | 104.92  | 105.19     | 0.77    | ppb   |
| Cadmium    | 106-1 | 78.83   | 84.19   | 82.04   | 81.69      | 3.30    | ppb   |
| Cadmium    | 108-1 | 90.65   | 91.49   | 91.02   | 91.05      | 0.46    | ppb   |
| Calcium    | 43-1  | 1933.45 | 1978.84 | 1975.97 | 1962.75    | 1.30    | ppb   |
| Calcium    | 44-1  | 1973.89 | 1972.98 | 1964.11 | 1970.33    | 0.27    | ppb   |
| Chromium   | 52-2  | 100.13  | 98.72   | 99.29   | 99.38      | 0.72    | ppb   |
| Cobalt     | 59-2  | 104.23  | 104.03  | 104.82  | 104.36     | 0.39    | ppb   |
| Copper     | 63-2  | 108.83  | 108.29  | 108.82  | 108.65     | 0.29    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 107        |         | %     |
| Holmium    | 165-2 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 104        |         | %     |
| Indium     | 115-2 |         |         |         | 98         |         | %     |
| Iron       | 56-2  | 1051.13 | 1040.80 | 1044.83 | 1045.58    | 0.50    | ppb   |
| Iron       | 57-2  | 1072.37 | 1068.49 | 1051.25 | 1064.03    | 1.06    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 191.58  | 189.99  | 191.11  | 190.89     | 0.43    | ppb   |
| Lead       | 207-1 | 186.12  | 184.66  | 184.32  | 185.03     | 0.52    | ppb   |
| Lead       | 208-1 | 188.13  | 187.16  | 187.53  | 187.60     | 0.26    | ppb   |
| Lithium    | 6-1   |         |         |         | 106        |         | %     |
| Magnesium  | 24-2  | 1229.47 | 1222.55 | 1213.05 | 1221.69    | 0.67    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB100071            | Operator :        | Jaswal     |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P7         |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-12-27 12:26:10 | DataFile Name :   | 013ICV01.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 98.25   | 98.19   | 98.72   | 98.39      | 0.29    | ppb   |
| Molybdenum | 94-1  | 0.11    | 0.10    | 0.12    | 0.11       | 8.67    | ppb   |
| Molybdenum | 95-1  | 0.13    | 0.14    | 0.14    | 0.13       | 5.95    | ppb   |
| Molybdenum | 96-1  | 0.15    | 0.16    | 0.16    | 0.15       | 3.03    | ppb   |
| Molybdenum | 97-1  | 0.08    | 0.14    | 0.18    | 0.13       | 37.06   | ppb   |
| Molybdenum | 98-1  | 0.13    | 0.13    | 0.12    | 0.13       | 4.65    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 107.89  | 108.83  | 107.51  | 108.08     | 0.63    | ppb   |
| Phosphorus | 31-2  | -30.21  | -15.96  | -28.70  | -24.96     |         | ppb   |
| Potassium  | 39-2  | 1969.90 | 1984.79 | 1971.93 | 1975.54    | 0.41    | ppb   |
| Rhodium    | 103-1 |         |         |         | 103        |         | %     |
| Rhodium    | 103-2 |         |         |         | 98         |         | %     |
| Scandium   | 45-1  |         |         |         | 103        |         | %     |
| Scandium   | 45-2  |         |         |         | 100        |         | %     |
| Selenium   | 77-2  | 222.86  | 237.86  | 203.37  | 221.36     | 7.81    | ppb   |
| Selenium   | 78-2  | 214.32  | 213.48  | 206.58  | 211.46     | 2.01    | ppb   |
| Selenium   | 82-1  | 206.52  | 206.45  | 206.42  | 206.46     | 0.02    | ppb   |
| Silicon    | 28-1  | 0.18    | 0.27    | 0.23    | 0.23       | 18.87   | ppb   |
| Silver     | 109-1 | 109.47  | 109.13  | 109.01  | 109.20     | 0.22    | ppb   |
| Silver     | 107-1 | 108.99  | 109.48  | 108.78  | 109.08     | 0.33    | ppb   |
| Sodium     | 23-2  | 1987.30 | 1977.86 | 1961.99 | 1975.72    | 0.65    | ppb   |
| Strontium  | 86-1  | 2.07    | 2.24    | 2.24    | 2.18       | 4.29    | ppb   |
| Strontium  | 88-1  | 2.26    | 2.24    | 2.22    | 2.24       | 1.00    | ppb   |
| Sulfur     | 34-1  | -337.84 | -281.75 | -332.19 | -317.26    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 107        |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 189.46  | 189.50  | 189.36  | 189.44     | 0.04    | ppb   |
| Thallium   | 205-1 | 192.40  | 193.37  | 192.66  | 192.81     | 0.26    | ppb   |
| Thorium    | 232-1 | 0.04    | 0.04    | 0.04    | 0.04       | 2.80    | ppb   |
| Tin        | 118-1 | 0.10    | 0.08    | 0.08    | 0.09       | 12.73   | ppb   |
| Titanium   | 47-1  | 0.16    | 0.13    | 0.15    | 0.15       | 11.89   | ppb   |
| Uranium    | 238-1 | 0.03    | 0.02    | 0.02    | 0.02       | 6.45    | ppb   |
| Vanadium   | 51-2  | 99.84   | 100.56  | 100.08  | 100.16     | 0.37    | ppb   |
| Yttrium    | 89-1  |         |         |         | 104        |         | %     |
| Yttrium    | 89-2  |         |         |         | 98         |         | %     |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB100071            | Operator :        | Jaswal     |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P7         |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-12-27 12:26:10 | DataFile Name :   | 013ICV01.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 210.71  | 209.05  | 210.27  | 210.01     | 0.41    | ppb   |
| Zirconium | 90-1 | 0.03    | 0.01    | 0.01    | 0.02       | 45.06   | ppb   |
| Zirconium | 91-1 | 0.12    | 0.09    | 0.10    | 0.10       | 14.67   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | LLICV01             | Instrumnet Name : | P7        |
| Client Sample ID :      | LLICV01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 12:30:54 | DataFile Name :   | 014LLIC.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 19.95   | 19.51   | 18.50   | 19.32      | 3.85    | ppb   |
| Antimony   | 121-1 | 1.96    | 2.03    | 2.06    | 2.01       | 2.46    | ppb   |
| Arsenic    | 75-2  | 0.98    | 0.93    | 0.95    | 0.96       | 2.87    | ppb   |
| Barium     | 135-1 | 9.61    | 9.94    | 9.53    | 9.69       | 2.23    | ppb   |
| Barium     | 137-1 | 9.46    | 10.14   | 10.06   | 9.89       | 3.77    | ppb   |
| Beryllium  | 9-1   | 1.03    | 0.98    | 1.02    | 1.01       | 2.27    | ppb   |
| Bismuth    | 209-1 |         |         |         | 106        |         | %     |
| Bismuth    | 209-2 |         |         |         | 99         |         | %     |
| Boron      | 10-1  | 26.15   | 26.27   | 26.09   | 26.17      | 0.34    | ppb   |
| Boron      | 11-1  | 25.64   | 25.85   | 25.61   | 25.70      | 0.51    | ppb   |
| Cadmium    | 111-1 | 0.89    | 0.68    | 0.88    | 0.82       | 14.30   | ppb   |
| Cadmium    | 106-1 | -0.50   | -2.24   | -1.01   | -1.25      |         | ppb   |
| Cadmium    | 108-1 | 0.86    | 0.94    | 0.99    | 0.93       | 7.04    | ppb   |
| Calcium    | 43-1  | 448.26  | 455.72  | 484.81  | 462.93     | 4.17    | ppb   |
| Calcium    | 44-1  | 457.89  | 456.49  | 459.99  | 458.12     | 0.38    | ppb   |
| Chromium   | 52-2  | 1.88    | 1.94    | 1.88    | 1.90       | 1.84    | ppb   |
| Cobalt     | 59-2  | 1.01    | 0.96    | 1.01    | 0.99       | 3.23    | ppb   |
| Copper     | 63-2  | 2.07    | 2.02    | 1.98    | 2.02       | 2.06    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 106        |         | %     |
| Holmium    | 165-2 |         |         |         | 99         |         | %     |
| Indium     | 115-1 |         |         |         | 103        |         | %     |
| Indium     | 115-2 |         |         |         | 97         |         | %     |
| Iron       | 56-2  | 52.36   | 53.03   | 53.84   | 53.08      | 1.39    | ppb   |
| Iron       | 57-2  | 56.49   | 52.38   | 53.70   | 54.19      | 3.88    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.91    | 0.95    | 0.93    | 0.93       | 1.87    | ppb   |
| Lead       | 207-1 | 0.89    | 0.88    | 0.87    | 0.88       | 1.24    | ppb   |
| Lead       | 208-1 | 0.90    | 0.92    | 0.89    | 0.90       | 1.32    | ppb   |
| Lithium    | 6-1   |         |         |         | 105        |         | %     |
| Magnesium  | 24-2  | 496.48  | 491.83  | 493.03  | 493.78     | 0.49    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | LLICV01             | Instrumnet Name : | P7        |
| Client Sample ID :      | LLICV01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 12:30:54 | DataFile Name :   | 014LLIC.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.91    | 0.99    | 0.94    | 0.95       | 4.19    | ppb   |
| Molybdenum | 94-1  | 4.73    | 4.75    | 4.73    | 4.73       | 0.25    | ppb   |
| Molybdenum | 95-1  | 4.65    | 4.88    | 4.75    | 4.76       | 2.43    | ppb   |
| Molybdenum | 96-1  | 4.92    | 4.89    | 4.76    | 4.86       | 1.73    | ppb   |
| Molybdenum | 97-1  | 4.83    | 4.79    | 4.78    | 4.80       | 0.57    | ppb   |
| Molybdenum | 98-1  | 4.88    | 4.83    | 4.68    | 4.80       | 2.11    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.01    | 1.03    | 1.02    | 1.02       | 1.08    | ppb   |
| Phosphorus | 31-2  | 24.77   | 42.88   | 12.42   | 26.69      | 57.40   | ppb   |
| Potassium  | 39-2  | 462.98  | 475.62  | 455.97  | 464.86     | 2.14    | ppb   |
| Rhodium    | 103-1 |         |         |         | 103        |         | %     |
| Rhodium    | 103-2 |         |         |         | 98         |         | %     |
| Scandium   | 45-1  |         |         |         | 103        |         | %     |
| Scandium   | 45-2  |         |         |         | 99         |         | %     |
| Selenium   | 77-2  | 3.82    | 5.90    | 6.33    | 5.35       | 25.11   | ppb   |
| Selenium   | 78-2  | 4.32    | 5.47    | 4.00    | 4.60       | 16.81   | ppb   |
| Selenium   | 82-1  | 5.69    | 5.31    | 5.27    | 5.42       | 4.24    | ppb   |
| Silicon    | 28-1  | 6.99    | 6.65    | 7.12    | 6.92       | 3.55    | ppb   |
| Silver     | 109-1 | 1.04    | 1.09    | 1.09    | 1.07       | 2.43    | ppb   |
| Silver     | 107-1 | 1.05    | 1.04    | 1.06    | 1.05       | 1.08    | ppb   |
| Sodium     | 23-2  | 472.36  | 478.37  | 478.77  | 476.50     | 0.75    | ppb   |
| Strontium  | 86-1  | 0.85    | 0.81    | 0.95    | 0.87       | 8.04    | ppb   |
| Strontium  | 88-1  | 0.93    | 0.91    | 0.91    | 0.91       | 1.45    | ppb   |
| Sulfur     | 34-1  | -337.76 | -374.80 | -257.55 | -323.37    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 106        |         | %     |
| Terbium    | 159-2 |         |         |         | 99         |         | %     |
| Thallium   | 203-1 | 0.94    | 0.95    | 0.95    | 0.94       | 0.66    | ppb   |
| Thallium   | 205-1 | 0.95    | 0.93    | 0.96    | 0.95       | 1.72    | ppb   |
| Thorium    | 232-1 | 0.83    | 0.83    | 0.84    | 0.83       | 0.84    | ppb   |
| Tin        | 118-1 | 4.91    | 4.88    | 5.03    | 4.94       | 1.61    | ppb   |
| Titanium   | 47-1  | 4.64    | 4.71    | 4.79    | 4.71       | 1.53    | ppb   |
| Uranium    | 238-1 | 0.79    | 0.80    | 0.83    | 0.81       | 2.75    | ppb   |
| Vanadium   | 51-2  | 4.87    | 4.94    | 5.08    | 4.96       | 2.15    | ppb   |
| Yttrium    | 89-1  |         |         |         | 103        |         | %     |
| Yttrium    | 89-2  |         |         |         | 98         |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | LLICV01             | Instrumnet Name : | P7        |
| Client Sample ID :      | LLICV01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 12:30:54 | DataFile Name :   | 014LLIC.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 1.85    | 2.01    | 2.08    | 1.98       | 6.01    | ppb   |
| Zirconium | 90-1 | 0.92    | 0.94    | 0.95    | 0.94       | 1.35    | ppb   |
| Zirconium | 91-1 | 0.99    | 0.92    | 0.98    | 0.96       | 4.04    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : ICB01 Instrumnet Name : P7  
 Client Sample ID : ICB01 Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 12:35:00 DataFile Name : 015CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.11   | 0.07    | 0.14    | 0.03       | 378.43  | ppb   |
| Antimony   | 121-1 | 0.04    | 0.04    | 0.03    | 0.03       | 22.26   | ppb   |
| Arsenic    | 75-2  | 0.03    | 0.01    | 0.03    | 0.02       | 66.98   | ppb   |
| Barium     | 135-1 | 0.02    | -0.01   | 0.00    | 0.00       | 534.74  | ppb   |
| Barium     | 137-1 | 0.01    | 0.00    | 0.00    | 0.01       | 64.10   | ppb   |
| Beryllium  | 9-1   | 0.03    | 0.02    | 0.01    | 0.02       | 37.02   | ppb   |
| Bismuth    | 209-1 |         |         |         | 105        |         | %     |
| Bismuth    | 209-2 |         |         |         | 98         |         | %     |
| Boron      | 10-1  | 2.74    | 2.97    | 3.12    | 2.94       | 6.40    | ppb   |
| Boron      | 11-1  | 2.71    | 2.88    | 2.92    | 2.84       | 3.89    | ppb   |
| Cadmium    | 111-1 | -0.13   | -0.10   | -0.12   | -0.12      |         | ppb   |
| Cadmium    | 106-1 | -1.76   | -1.37   | -1.63   | -1.58      |         | ppb   |
| Cadmium    | 108-1 | -0.01   | -0.06   | -0.04   | -0.04      |         | ppb   |
| Calcium    | 43-1  | -1.31   | -1.32   | -0.50   | -1.04      |         | ppb   |
| Calcium    | 44-1  | 0.39    | 0.29    | 0.90    | 0.53       | 62.04   | ppb   |
| Chromium   | 52-2  | -0.03   | 0.00    | 0.02    | 0.00       |         | ppb   |
| Cobalt     | 59-2  | 0.00    | -0.01   | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 106        |         | %     |
| Holmium    | 165-2 |         |         |         | 98         |         | %     |
| Indium     | 115-1 |         |         |         | 103        |         | %     |
| Indium     | 115-2 |         |         |         | 97         |         | %     |
| Iron       | 56-2  | -0.19   | -0.03   | -0.08   | -0.10      |         | ppb   |
| Iron       | 57-2  | 0.10    | 0.79    | 1.53    | 0.81       | 89.02   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.02    | 0.02    | 0.02    | 0.02       | 9.85    | ppb   |
| Lead       | 207-1 | -0.01   | 0.01    | 0.00    | 0.00       | 453.09  | ppb   |
| Lead       | 208-1 | 0.01    | 0.01    | 0.02    | 0.01       | 23.01   | ppb   |
| Lithium    | 6-1   |         |         |         | 104        |         | %     |
| Magnesium  | 24-2  | 0.44    | 0.66    | 0.36    | 0.49       | 31.96   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 12:35:00 | DataFile Name :   | 015CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | -0.04   | -0.04   | -0.04   | -0.04      |         | ppb   |
| Molybdenum | 94-1  | 0.04    | 0.03    | 0.01    | 0.02       | 55.32   | ppb   |
| Molybdenum | 95-1  | 0.02    | 0.04    | 0.02    | 0.03       | 41.68   | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.02    | 0.01    | 0.02       | 25.04   | ppb   |
| Molybdenum | 97-1  | 0.02    | 0.02    | 0.01    | 0.02       | 24.76   | ppb   |
| Molybdenum | 98-1  | 0.02    | 0.03    | 0.02    | 0.02       | 22.68   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.03    | -0.02   | 0.00    | 0.00       | 1488.07 | ppb   |
| Phosphorus | 31-2  | -20.15  | -20.23  | -35.13  | -25.17     |         | ppb   |
| Potassium  | 39-2  | -5.95   | -1.24   | -2.39   | -3.20      |         | ppb   |
| Rhodium    | 103-1 |         |         |         | 103        |         | %     |
| Rhodium    | 103-2 |         |         |         | 97         |         | %     |
| Scandium   | 45-1  |         |         |         | 103        |         | %     |
| Scandium   | 45-2  |         |         |         | 98         |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.16    | 0.41    | -0.49   | 0.02       | 1867.80 | ppb   |
| Selenium   | 82-1  | -0.03   | -0.15   | 0.22    | 0.01       | 1741.11 | ppb   |
| Silicon    | 28-1  | -1.96   | -2.30   | -1.51   | -1.92      |         | ppb   |
| Silver     | 109-1 | 0.01    | 0.00    | 0.01    | 0.01       | 56.37   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.01    | 0.00       | 37.57   | ppb   |
| Sodium     | 23-2  | 9.95    | 9.42    | 8.87    | 9.41       | 5.78    | ppb   |
| Strontium  | 86-1  | 0.01    | -0.01   | -0.03   | -0.01      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -152.61 | -124.67 | -64.80  | -114.03    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 105        |         | %     |
| Terbium    | 159-2 |         |         |         | 99         |         | %     |
| Thallium   | 203-1 | 0.05    | 0.04    | 0.03    | 0.04       | 24.20   | ppb   |
| Thallium   | 205-1 | 0.04    | 0.04    | 0.04    | 0.04       | 7.48    | ppb   |
| Thorium    | 232-1 | 0.02    | 0.03    | 0.02    | 0.02       | 16.61   | ppb   |
| Tin        | 118-1 | 0.02    | 0.01    | 0.01    | 0.01       | 21.87   | ppb   |
| Titanium   | 47-1  | 0.00    | 0.00    | -0.01   | -0.01      |         | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Yttrium    | 89-1  |         |         |         | 104        |         | %     |
| Yttrium    | 89-2  |         |         |         | 97         |         | %     |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 12:35:00 | DataFile Name :   | 015CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 0.06    | -0.02   | -0.09   | -0.02      |         | ppb   |
| Zirconium | 90-1 | 0.00    | 0.00    | 0.00    | 0.00       | 16.01   | ppb   |
| Zirconium | 91-1 | 0.00    | 0.00    | 0.03    | 0.01       | 159.85  | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : ICSA01 Instrumnet Name : P7  
 Client Sample ID : ICSA01 Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 12:38:34 DataFile Name : 016ICSA01.d

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 87617.78  | 86119.12  | 88255.69  | 87330.87   | 1.26    | ppb   |
| Antimony   | 121-1 | 1.05      | 1.08      | 1.06      | 1.06       | 1.57    | ppb   |
| Arsenic    | 75-2  | 0.33      | 0.35      | 0.30      | 0.32       | 8.37    | ppb   |
| Barium     | 135-1 | 1.58      | 1.44      | 1.51      | 1.51       | 4.37    | ppb   |
| Barium     | 137-1 | 1.44      | 1.36      | 1.48      | 1.43       | 3.98    | ppb   |
| Beryllium  | 9-1   | 0.30      | 0.30      | 0.29      | 0.30       | 1.63    | ppb   |
| Bismuth    | 209-1 |           |           |           | 98         |         | %     |
| Bismuth    | 209-2 |           |           |           | 89         |         | %     |
| Boron      | 10-1  | 2.52      | 2.46      | 2.67      | 2.55       | 4.28    | ppb   |
| Boron      | 11-1  | 2.87      | 2.52      | 2.66      | 2.68       | 6.64    | ppb   |
| Cadmium    | 111-1 | 0.26      | 0.19      | 0.27      | 0.24       | 18.74   | ppb   |
| Cadmium    | 106-1 | -3.29     | -2.86     | -3.11     | -3.09      |         | ppb   |
| Cadmium    | 108-1 | 14.18     | 14.68     | 14.01     | 14.29      | 2.43    | ppb   |
| Calcium    | 43-1  | 96578.50  | 96486.28  | 96713.40  | 96592.72   | 0.12    | ppb   |
| Calcium    | 44-1  | 96721.41  | 96676.77  | 96464.16  | 96620.78   | 0.14    | ppb   |
| Chromium   | 52-2  | 19.35     | 19.10     | 19.55     | 19.33      | 1.17    | ppb   |
| Cobalt     | 59-2  | 1.17      | 1.23      | 1.21      | 1.20       | 2.60    | ppb   |
| Copper     | 63-2  | 7.34      | 7.49      | 7.62      | 7.48       | 1.83    | 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 |           |           |           | 106        |         | %     |
| Holmium    | 165-2 |           |           |           | 97         |         | %     |
| Indium     | 115-1 |           |           |           | 95         |         | %     |
| Indium     | 115-2 |           |           |           | 89         |         | %     |
| Iron       | 56-2  | 101159.07 | 99680.60  | 102113.71 | 100984.46  | 1.21    | ppb   |
| Iron       | 57-2  | 101193.13 | 100418.32 | 101556.66 | 101056.03  | 0.58    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 4.95      | 4.77      | 4.86      | 4.86       | 1.84    | ppb   |
| Lead       | 207-1 | 4.33      | 4.21      | 4.29      | 4.28       | 1.45    | ppb   |
| Lead       | 208-1 | 4.51      | 4.47      | 4.48      | 4.49       | 0.48    | ppb   |
| Lithium    | 6-1   |           |           |           | 95         |         | %     |
| Magnesium  | 24-2  | 97142.53  | 94960.76  | 97583.46  | 96562.25   | 1.45    | ppb   |

|                         |                     |                   |             |
|-------------------------|---------------------|-------------------|-------------|
| LB Number :             | LB100071            | Operator :        | Jaswal      |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P7          |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1           |
| Date & Time Acquired :: | 2018-12-27 12:38:34 | DataFile Name :   | 016ICSA01.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 7.67     | 7.68     | 7.85     | 7.73       | 1.30    | ppb   |
| Molybdenum | 94-1  | 1321.10  | 1309.03  | 1317.47  | 1315.87    | 0.47    | ppb   |
| Molybdenum | 95-1  | 1904.49  | 1903.97  | 1901.72  | 1903.39    | 0.08    | ppb   |
| Molybdenum | 96-1  | 1837.23  | 1824.95  | 1833.28  | 1831.82    | 0.34    | ppb   |
| Molybdenum | 97-1  | 1904.24  | 1885.63  | 1886.46  | 1892.11    | 0.56    | ppb   |
| Molybdenum | 98-1  | 1916.95  | 1895.41  | 1904.59  | 1905.65    | 0.57    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 5.20     | 5.26     | 5.63     | 5.36       | 4.39    | ppb   |
| Phosphorus | 31-2  | 96966.00 | 96602.42 | 97310.19 | 96959.54   | 0.37    | ppb   |
| Potassium  | 39-2  | 97365.92 | 95229.39 | 97050.92 | 96548.74   | 1.19    | ppb   |
| Rhodium    | 103-1 |          |          |          | 90         |         | %     |
| Rhodium    | 103-2 |          |          |          | 86         |         | %     |
| Scandium   | 45-1  |          |          |          | 96         |         | %     |
| Scandium   | 45-2  |          |          |          | 91         |         | %     |
| Selenium   | 77-2  | 0.00     | 0.45     | 0.00     | 0.15       | 173.21  | ppb   |
| Selenium   | 78-2  | -0.40    | 0.18     | -0.17    | -0.13      |         | ppb   |
| Selenium   | 82-1  | 0.06     | 0.47     | 0.02     | 0.18       | 139.11  | ppb   |
| Silicon    | 28-1  | 17.71    | 18.35    | 17.86    | 17.97      | 1.86    | ppb   |
| Silver     | 109-1 | 0.09     | 0.10     | 0.08     | 0.09       | 8.38    | ppb   |
| Silver     | 107-1 | 0.06     | 0.09     | 0.10     | 0.08       | 22.63   | ppb   |
| Sodium     | 23-2  | 96004.09 | 93782.74 | 96387.82 | 95391.55   | 1.47    | ppb   |
| Strontium  | 86-1  | 32.74    | 32.50    | 33.05    | 32.77      | 0.84    | ppb   |
| Strontium  | 88-1  | 33.46    | 32.86    | 33.18    | 33.16      | 0.91    | ppb   |
| Sulfur     | 34-1  | 82355.19 | 82549.33 | 82132.29 | 82345.60   | 0.25    | ppb   |
| Terbium    | 159-1 |          |          |          | 104        |         | %     |
| Terbium    | 159-2 |          |          |          | 97         |         | %     |
| Thallium   | 203-1 | 0.08     | 0.09     | 0.09     | 0.09       | 6.98    | ppb   |
| Thallium   | 205-1 | 0.11     | 0.10     | 0.11     | 0.11       | 6.50    | ppb   |
| Thorium    | 232-1 | 0.03     | 0.03     | 0.03     | 0.03       | 5.26    | ppb   |
| Tin        | 118-1 | 0.16     | 0.18     | 0.20     | 0.18       | 10.75   | ppb   |
| Titanium   | 47-1  | 1977.79  | 1974.05  | 1952.22  | 1968.02    | 0.70    | ppb   |
| Uranium    | 238-1 | 0.02     | 0.02     | 0.02     | 0.02       | 6.24    | ppb   |
| Vanadium   | 51-2  | 0.17     | 0.18     | 0.20     | 0.18       | 6.91    | ppb   |
| Yttrium    | 89-1  |          |          |          | 98         |         | %     |
| Yttrium    | 89-2  |          |          |          | 91         |         | %     |

|                         |                     |                   |             |
|-------------------------|---------------------|-------------------|-------------|
| LB Number :             | LB100071            | Operator :        | Jaswal      |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P7          |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1           |
| Date & Time Acquired :: | 2018-12-27 12:38:34 | DataFile Name :   | 016ICSA01.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 11.82   | 12.20   | 11.18   | 11.73      | 4.41    | ppb   |
| Zirconium | 90-1 | 0.03    | 0.02    | 0.03    | 0.03       | 18.51   | ppb   |
| Zirconium | 91-1 | 0.03    | 0.03    | 0.04    | 0.03       | 19.62   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 12:42:10 | DataFile Name :   | 017ICSB.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 87805.18  | 86466.55  | 87219.04  | 87163.59   | 0.77    | ppb   |
| Antimony   | 121-1 | 20.03     | 19.84     | 20.26     | 20.04      | 1.06    | ppb   |
| Arsenic    | 75-2  | 19.68     | 19.91     | 19.69     | 19.76      | 0.66    | ppb   |
| Barium     | 135-1 | 21.20     | 21.23     | 21.05     | 21.16      | 0.44    | ppb   |
| Barium     | 137-1 | 21.20     | 21.23     | 21.29     | 21.24      | 0.23    | ppb   |
| Beryllium  | 9-1   | 20.04     | 19.76     | 19.95     | 19.92      | 0.72    | ppb   |
| Bismuth    | 209-1 |           |           |           | 98         |         | %     |
| Bismuth    | 209-2 |           |           |           | 90         |         | %     |
| Boron      | 10-1  | 66.33     | 68.06     | 68.91     | 67.77      | 1.94    | ppb   |
| Boron      | 11-1  | 66.93     | 68.27     | 67.85     | 67.68      | 1.01    | ppb   |
| Cadmium    | 111-1 | 19.19     | 19.07     | 19.27     | 19.17      | 0.52    | ppb   |
| Cadmium    | 106-1 | 15.10     | 12.37     | 12.75     | 13.41      | 11.01   | ppb   |
| Cadmium    | 108-1 | 31.94     | 30.51     | 29.81     | 30.75      | 3.53    | ppb   |
| Calcium    | 43-1  | 95349.95  | 96546.47  | 95018.49  | 95638.30   | 0.84    | ppb   |
| Calcium    | 44-1  | 96118.32  | 96120.39  | 95916.04  | 96051.58   | 0.12    | ppb   |
| Chromium   | 52-2  | 38.53     | 38.50     | 39.24     | 38.75      | 1.08    | ppb   |
| Cobalt     | 59-2  | 20.98     | 20.87     | 21.01     | 20.95      | 0.34    | ppb   |
| Copper     | 63-2  | 27.20     | 26.95     | 27.44     | 27.20      | 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 |           |           |           | 106        |         | %     |
| Holmium    | 165-2 |           |           |           | 97         |         | %     |
| Indium     | 115-1 |           |           |           | 96         |         | %     |
| Indium     | 115-2 |           |           |           | 89         |         | %     |
| Iron       | 56-2  | 100886.21 | 100585.38 | 101101.63 | 100857.74  | 0.26    | ppb   |
| Iron       | 57-2  | 100886.19 | 100454.26 | 101421.84 | 100920.77  | 0.48    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 24.85     | 24.88     | 24.70     | 24.81      | 0.38    | ppb   |
| Lead       | 207-1 | 23.24     | 22.99     | 22.71     | 22.98      | 1.16    | ppb   |
| Lead       | 208-1 | 23.72     | 23.66     | 23.40     | 23.59      | 0.71    | ppb   |
| Lithium    | 6-1   |           |           |           | 94         |         | %     |
| Magnesium  | 24-2  | 96462.94  | 96003.16  | 96014.83  | 96160.31   | 0.27    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 12:42:10 | DataFile Name :   | 017ICSB.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 26.94    | 26.55    | 27.58    | 27.02      | 1.92    | ppb   |
| Molybdenum | 94-1  | 1354.33  | 1344.53  | 1357.70  | 1352.19    | 0.51    | ppb   |
| Molybdenum | 95-1  | 1952.45  | 1926.37  | 1953.43  | 1944.08    | 0.79    | ppb   |
| Molybdenum | 96-1  | 1871.35  | 1857.78  | 1888.40  | 1872.51    | 0.82    | ppb   |
| Molybdenum | 97-1  | 1938.76  | 1919.39  | 1944.24  | 1934.13    | 0.68    | ppb   |
| Molybdenum | 98-1  | 1943.17  | 1946.62  | 1960.09  | 1949.96    | 0.46    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 25.26    | 24.93    | 25.13    | 25.11      | 0.66    | ppb   |
| Phosphorus | 31-2  | 95907.44 | 95974.24 | 96628.89 | 96170.19   | 0.41    | ppb   |
| Potassium  | 39-2  | 96895.05 | 95845.85 | 96669.64 | 96470.18   | 0.57    | ppb   |
| Rhodium    | 103-1 |          |          |          | 91         |         | %     |
| Rhodium    | 103-2 |          |          |          | 86         |         | %     |
| Scandium   | 45-1  |          |          |          | 96         |         | %     |
| Scandium   | 45-2  |          |          |          | 91         |         | %     |
| Selenium   | 77-2  | 18.99    | 22.03    | 24.25    | 21.76      | 12.13   | ppb   |
| Selenium   | 78-2  | 17.26    | 18.95    | 20.41    | 18.87      | 8.36    | ppb   |
| Selenium   | 82-1  | 19.07    | 19.44    | 19.16    | 19.23      | 0.99    | ppb   |
| Silicon    | 28-1  | 75.79    | 76.03    | 74.76    | 75.53      | 0.89    | ppb   |
| Silver     | 109-1 | 18.98    | 18.75    | 18.50    | 18.74      | 1.26    | ppb   |
| Silver     | 107-1 | 19.01    | 18.79    | 18.76    | 18.85      | 0.72    | ppb   |
| Sodium     | 23-2  | 95434.07 | 95403.52 | 94816.61 | 95218.07   | 0.37    | ppb   |
| Strontium  | 86-1  | 32.50    | 32.95    | 32.55    | 32.67      | 0.75    | ppb   |
| Strontium  | 88-1  | 33.02    | 32.74    | 32.97    | 32.91      | 0.45    | ppb   |
| Sulfur     | 34-1  | 81140.23 | 81776.38 | 80679.85 | 81198.82   | 0.68    | ppb   |
| Terbium    | 159-1 |          |          |          | 105        |         | %     |
| Terbium    | 159-2 |          |          |          | 97         |         | %     |
| Thallium   | 203-1 | 20.07    | 19.92    | 19.91    | 19.97      | 0.45    | ppb   |
| Thallium   | 205-1 | 20.27    | 20.14    | 20.07    | 20.16      | 0.50    | ppb   |
| Thorium    | 232-1 | 0.02     | 0.02     | 0.02     | 0.02       | 7.67    | ppb   |
| Tin        | 118-1 | 61.70    | 61.78    | 61.52    | 61.67      | 0.22    | ppb   |
| Titanium   | 47-1  | 2021.20  | 2022.63  | 2011.64  | 2018.49    | 0.30    | ppb   |
| Uranium    | 238-1 | 0.02     | 0.01     | 0.01     | 0.02       | 15.32   | ppb   |
| Vanadium   | 51-2  | 19.67    | 19.74    | 19.61    | 19.67      | 0.33    | ppb   |
| Yttrium    | 89-1  |          |          |          | 99         |         | %     |
| Yttrium    | 89-2  |          |          |          | 92         |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 12:42:10 | DataFile Name :   | 017ICSB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 30.72   | 30.98   | 30.53   | 30.74      | 0.72    | ppb   |
| Zirconium | 90-1 | 0.02    | 0.05    | 0.04    | 0.04       | 29.39   | ppb   |
| Zirconium | 91-1 | 0.05    | 0.06    | 0.04    | 0.05       | 18.22   | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100071            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV24               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV24               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-12-27 12:45:45 | DataFile Name :   | 018CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 52444.09  | 52317.15  | 52494.48  | 52418.57   | 0.17    | ppb   |
| Antimony   | 121-1 | 494.76    | 490.84    | 487.89    | 491.17     | 0.70    | ppb   |
| Arsenic    | 75-2  | 492.88    | 489.14    | 487.80    | 489.94     | 0.54    | ppb   |
| Barium     | 135-1 | 2584.36   | 2556.00   | 2549.88   | 2563.41    | 0.72    | ppb   |
| Barium     | 137-1 | 2574.71   | 2572.41   | 2550.76   | 2565.96    | 0.52    | ppb   |
| Beryllium  | 9-1   | 509.16    | 505.72    | 502.10    | 505.66     | 0.70    | ppb   |
| Bismuth    | 209-1 |           |           |           | 93         |         | %     |
| Bismuth    | 209-2 |           |           |           | 85         |         | %     |
| Boron      | 10-1  | 492.92    | 495.02    | 498.57    | 495.50     | 0.58    | ppb   |
| Boron      | 11-1  | 491.72    | 494.17    | 499.15    | 495.01     | 0.77    | ppb   |
| Cadmium    | 111-1 | 485.10    | 484.90    | 479.32    | 483.11     | 0.68    | ppb   |
| Cadmium    | 106-1 | 497.15    | 490.65    | 498.56    | 495.46     | 0.85    | ppb   |
| Cadmium    | 108-1 | 489.00    | 492.43    | 488.41    | 489.95     | 0.44    | ppb   |
| Calcium    | 43-1  | 250546.93 | 250861.94 | 248903.65 | 250104.17  | 0.42    | ppb   |
| Calcium    | 44-1  | 249099.28 | 250233.31 | 248089.99 | 249140.86  | 0.43    | ppb   |
| Chromium   | 52-2  | 507.48    | 509.51    | 508.10    | 508.36     | 0.20    | ppb   |
| Cobalt     | 59-2  | 496.67    | 495.24    | 495.60    | 495.84     | 0.15    | ppb   |
| Copper     | 63-2  | 1026.22   | 1030.97   | 1032.63   | 1029.94    | 0.32    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 106        |         | %     |
| Holmium    | 165-2 |           |           |           | 96         |         | %     |
| Indium     | 115-1 |           |           |           | 94         |         | %     |
| Indium     | 115-2 |           |           |           | 86         |         | %     |
| Iron       | 56-2  | 129832.27 | 128936.43 | 129366.83 | 129378.51  | 0.35    | ppb   |
| Iron       | 57-2  | 129538.71 | 128949.51 | 129125.12 | 129204.45  | 0.23    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 523.37    | 525.84    | 521.68    | 523.63     | 0.40    | ppb   |
| Lead       | 207-1 | 527.01    | 525.76    | 525.40    | 526.06     | 0.16    | ppb   |
| Lead       | 208-1 | 524.27    | 525.68    | 526.14    | 525.36     | 0.19    | ppb   |
| Lithium    | 6-1   |           |           |           | 95         |         | %     |
| Magnesium  | 24-2  | 250377.49 | 250995.92 | 251614.29 | 250995.90  | 0.25    | ppb   |



|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100071            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV24               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV24               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-12-27 12:45:45 | DataFile Name :   | 018CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 995.53    | 998.94    | 994.18    | 996.22     | 0.25    | ppb   |
| Molybdenum | 94-1  | 2561.39   | 2571.55   | 2540.86   | 2557.93    | 0.61    | ppb   |
| Molybdenum | 95-1  | 2573.91   | 2575.45   | 2545.46   | 2564.94    | 0.66    | ppb   |
| Molybdenum | 96-1  | 2565.47   | 2570.68   | 2557.90   | 2564.69    | 0.25    | ppb   |
| Molybdenum | 97-1  | 2575.25   | 2542.09   | 2546.76   | 2554.70    | 0.70    | ppb   |
| Molybdenum | 98-1  | 2565.78   | 2559.16   | 2568.38   | 2564.44    | 0.19    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 490.06    | 488.97    | 492.70    | 490.58     | 0.39    | ppb   |
| Phosphorus | 31-2  | 10016.75  | 10034.85  | 10404.11  | 10151.90   | 2.15    | ppb   |
| Potassium  | 39-2  | 126189.73 | 125747.91 | 126114.89 | 126017.51  | 0.19    | ppb   |
| Rhodium    | 103-1 |           |           |           | 88         |         | %     |
| Rhodium    | 103-2 |           |           |           | 82         |         | %     |
| Scandium   | 45-1  |           |           |           | 96         |         | %     |
| Scandium   | 45-2  |           |           |           | 92         |         | %     |
| Selenium   | 77-2  | 533.47    | 490.63    | 511.91    | 512.01     | 4.18    | ppb   |
| Selenium   | 78-2  | 522.85    | 517.98    | 509.49    | 516.77     | 1.31    | ppb   |
| Selenium   | 82-1  | 501.73    | 501.73    | 501.23    | 501.57     | 0.06    | ppb   |
| Silicon    | 28-1  | 552.00    | 572.62    | 570.08    | 564.90     | 1.99    | ppb   |
| Silver     | 109-1 | 484.24    | 483.98    | 479.92    | 482.71     | 0.50    | ppb   |
| Silver     | 107-1 | 484.93    | 484.62    | 483.14    | 484.23     | 0.20    | ppb   |
| Sodium     | 23-2  | 248420.17 | 248565.59 | 249306.16 | 248763.97  | 0.19    | ppb   |
| Strontium  | 86-1  | 506.39    | 510.34    | 500.57    | 505.77     | 0.97    | ppb   |
| Strontium  | 88-1  | 508.42    | 506.77    | 506.17    | 507.12     | 0.23    | ppb   |
| Sulfur     | 34-1  | 10224.41  | 10311.21  | 10212.56  | 10249.40   | 0.53    | ppb   |
| Terbium    | 159-1 |           |           |           | 105        |         | %     |
| Terbium    | 159-2 |           |           |           | 95         |         | %     |
| Thallium   | 203-1 | 525.20    | 526.63    | 524.00    | 525.28     | 0.25    | ppb   |
| Thallium   | 205-1 | 527.43    | 530.26    | 529.57    | 529.09     | 0.28    | ppb   |
| Thorium    | 232-1 | 536.34    | 535.66    | 533.42    | 535.14     | 0.29    | ppb   |
| Tin        | 118-1 | 503.47    | 502.37    | 496.34    | 500.72     | 0.77    | ppb   |
| Titanium   | 47-1  | 2570.87   | 2596.37   | 2538.10   | 2568.44    | 1.14    | ppb   |
| Uranium    | 238-1 | 532.91    | 533.32    | 532.44    | 532.89     | 0.08    | ppb   |
| Vanadium   | 51-2  | 512.17    | 512.32    | 516.70    | 513.73     | 0.50    | ppb   |
| Yttrium    | 89-1  |           |           |           | 98         |         | %     |
| Yttrium    | 89-2  |           |           |           | 90         |         | %     |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100071            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV24               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV24               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-12-27 12:45:45 | DataFile Name :   | 018CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 1050.77 | 1053.77 | 1061.68 | 1055.40    | 0.53    | ppb   |
| Zirconium | 90-1 | 512.32  | 511.88  | 509.70  | 511.30     | 0.27    | ppb   |
| Zirconium | 91-1 | 517.63  | 512.59  | 508.65  | 512.96     | 0.88    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB24               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB24               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 12:52:37 | DataFile Name :   | 019CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 3.45    | 4.52    | 4.28    | 4.08       | 13.76   | ppb   |
| Antimony   | 121-1 | 0.09    | 0.09    | 0.09    | 0.09       | 5.37    | ppb   |
| Arsenic    | 75-2  | 0.07    | 0.05    | 0.05    | 0.06       | 24.99   | ppb   |
| Barium     | 135-1 | 0.15    | 0.09    | 0.13    | 0.12       | 22.42   | ppb   |
| Barium     | 137-1 | 0.07    | 0.13    | 0.19    | 0.13       | 49.11   | ppb   |
| Beryllium  | 9-1   | 0.04    | 0.04    | 0.05    | 0.05       | 14.49   | ppb   |
| Bismuth    | 209-1 |         |         |         | 110        |         | %     |
| Bismuth    | 209-2 |         |         |         | 101        |         | %     |
| Boron      | 10-1  | 4.96    | 4.85    | 4.61    | 4.81       | 3.71    | ppb   |
| Boron      | 11-1  | 5.08    | 4.89    | 4.71    | 4.89       | 3.84    | ppb   |
| Cadmium    | 111-1 | -0.10   | -0.03   | -0.17   | -0.10      |         | ppb   |
| Cadmium    | 106-1 | -1.72   | -0.74   | -2.65   | -1.70      |         | ppb   |
| Cadmium    | 108-1 | -0.04   | 0.01    | 0.01    | -0.01      |         | ppb   |
| Calcium    | 43-1  | 7.44    | 13.34   | 12.26   | 11.01      | 28.50   | ppb   |
| Calcium    | 44-1  | 8.72    | 10.70   | 15.83   | 11.75      | 31.24   | ppb   |
| Chromium   | 52-2  | 0.05    | 0.04    | 0.05    | 0.05       | 11.85   | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.03    | 0.04    | 0.03       | 47.42   | ppb   |
| Copper     | 63-2  | 0.09    | 0.09    | 0.08    | 0.09       | 10.17   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 109        |         | %     |
| Holmium    | 165-2 |         |         |         | 101        |         | %     |
| Indium     | 115-1 |         |         |         | 105        |         | %     |
| Indium     | 115-2 |         |         |         | 98         |         | %     |
| Iron       | 56-2  | 8.36    | 9.79    | 9.88    | 9.34       | 9.13    | ppb   |
| Iron       | 57-2  | 8.79    | 8.57    | 10.48   | 9.28       | 11.26   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.04    | 0.03    | 0.05    | 0.04       | 24.07   | ppb   |
| Lead       | 207-1 | 0.03    | 0.02    | 0.05    | 0.03       | 44.26   | ppb   |
| Lead       | 208-1 | 0.04    | 0.03    | 0.05    | 0.04       | 22.67   | ppb   |
| Lithium    | 6-1   |         |         |         | 104        |         | %     |
| Magnesium  | 24-2  | 18.97   | 18.13   | 19.85   | 18.98      | 4.54    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB24               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB24               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 12:52:37 | DataFile Name :   | 019CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.01    | 0.03    | 0.01    | 0.01       | 69.39   | ppb   |
| Molybdenum | 94-1  | 0.22    | 0.24    | 0.30    | 0.25       | 14.90   | ppb   |
| Molybdenum | 95-1  | 0.33    | 0.29    | 0.34    | 0.32       | 7.39    | ppb   |
| Molybdenum | 96-1  | 0.31    | 0.26    | 0.31    | 0.29       | 9.59    | ppb   |
| Molybdenum | 97-1  | 0.31    | 0.29    | 0.31    | 0.30       | 3.85    | ppb   |
| Molybdenum | 98-1  | 0.30    | 0.27    | 0.29    | 0.29       | 5.35    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.03    | 0.05    | 0.07    | 0.05       | 43.34   | ppb   |
| Phosphorus | 31-2  | -26.58  | -18.53  | -20.03  | -21.71     |         | ppb   |
| Potassium  | 39-2  | 6.45    | 1.18    | 6.84    | 4.83       | 65.49   | ppb   |
| Rhodium    | 103-1 |         |         |         | 104        |         | %     |
| Rhodium    | 103-2 |         |         |         | 98         |         | %     |
| Scandium   | 45-1  |         |         |         | 103        |         | %     |
| Scandium   | 45-2  |         |         |         | 99         |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.36    | -0.06   | 0.71    | 0.33       | 115.80  | ppb   |
| Selenium   | 82-1  | -0.04   | 0.12    | 0.22    | 0.10       | 132.96  | ppb   |
| Silicon    | 28-1  | -2.24   | -2.43   | -2.23   | -2.30      |         | ppb   |
| Silver     | 109-1 | 0.02    | 0.05    | 0.05    | 0.04       | 39.52   | ppb   |
| Silver     | 107-1 | 0.04    | 0.05    | 0.05    | 0.04       | 15.28   | ppb   |
| Sodium     | 23-2  | 42.61   | 43.16   | 44.10   | 43.29      | 1.75    | ppb   |
| Strontium  | 86-1  | -0.09   | 0.04    | 0.02    | -0.01      |         | ppb   |
| Strontium  | 88-1  | 0.01    | 0.02    | 0.02    | 0.02       | 35.65   | ppb   |
| Sulfur     | 34-1  | -298.36 | -171.64 | -118.98 | -196.33    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 108        |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 0.08    | 0.09    | 0.10    | 0.09       | 6.62    | ppb   |
| Thallium   | 205-1 | 0.08    | 0.10    | 0.09    | 0.09       | 7.67    | ppb   |
| Thorium    | 232-1 | 0.05    | 0.05    | 0.05    | 0.05       | 10.37   | ppb   |
| Tin        | 118-1 | 0.06    | 0.05    | 0.04    | 0.05       | 17.96   | ppb   |
| Titanium   | 47-1  | 0.13    | 0.16    | 0.19    | 0.16       | 18.26   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.02    | 0.03    | 0.02       | 29.54   | ppb   |
| Vanadium   | 51-2  | 0.03    | 0.03    | 0.03    | 0.03       | 6.63    | ppb   |
| Yttrium    | 89-1  |         |         |         | 105        |         | %     |
| Yttrium    | 89-2  |         |         |         | 98         |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB24               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB24               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 12:52:37 | DataFile Name :   | 019CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 0.04    | 0.11    | 0.12    | 0.09       | 46.46   | ppb   |
| Zirconium | 90-1 | 0.03    | 0.03    | 0.03    | 0.03       | 1.27    | ppb   |
| Zirconium | 91-1 | 0.03    | 0.01    | 0.02    | 0.02       | 72.34   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 12:56:13 | DataFile Name :   | 020LLCC.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 18.36   | 17.57   | 16.88   | 17.60      | 4.18    | ppb   |
| Antimony   | 121-1 | 1.93    | 1.99    | 1.96    | 1.96       | 1.64    | ppb   |
| Arsenic    | 75-2  | 1.08    | 1.05    | 1.11    | 1.08       | 2.43    | ppb   |
| Barium     | 135-1 | 9.82    | 9.94    | 9.85    | 9.87       | 0.64    | ppb   |
| Barium     | 137-1 | 10.14   | 10.11   | 10.10   | 10.11      | 0.23    | ppb   |
| Beryllium  | 9-1   | 0.99    | 0.94    | 0.94    | 0.95       | 2.83    | ppb   |
| Bismuth    | 209-1 |         |         |         | 110        |         | %     |
| Bismuth    | 209-2 |         |         |         | 101        |         | %     |
| Boron      | 10-1  | 25.62   | 26.06   | 24.56   | 25.41      | 3.02    | ppb   |
| Boron      | 11-1  | 25.18   | 26.03   | 25.10   | 25.44      | 2.03    | ppb   |
| Cadmium    | 111-1 | 0.94    | 0.82    | 0.87    | 0.88       | 6.71    | ppb   |
| Cadmium    | 106-1 | 0.45    | -0.84   | -0.58   | -0.32      |         | ppb   |
| Cadmium    | 108-1 | 1.25    | 1.05    | 0.75    | 1.02       | 24.68   | ppb   |
| Calcium    | 43-1  | 456.58  | 468.14  | 456.55  | 460.42     | 1.45    | ppb   |
| Calcium    | 44-1  | 468.54  | 474.76  | 463.65  | 468.98     | 1.19    | ppb   |
| Chromium   | 52-2  | 1.98    | 1.83    | 1.91    | 1.91       | 4.09    | ppb   |
| Cobalt     | 59-2  | 0.97    | 1.02    | 0.97    | 0.98       | 2.92    | ppb   |
| Copper     | 63-2  | 2.05    | 2.12    | 2.07    | 2.08       | 1.68    | 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 |         |         |         | 109        |         | %     |
| Holmium    | 165-2 |         |         |         | 101        |         | %     |
| Indium     | 115-1 |         |         |         | 106        |         | %     |
| Indium     | 115-2 |         |         |         | 98         |         | %     |
| Iron       | 56-2  | 53.53   | 53.82   | 52.83   | 53.39      | 0.95    | ppb   |
| Iron       | 57-2  | 57.60   | 60.61   | 58.47   | 58.89      | 2.63    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.92    | 0.96    | 0.89    | 0.92       | 3.41    | ppb   |
| Lead       | 207-1 | 0.89    | 0.84    | 0.89    | 0.87       | 3.05    | ppb   |
| Lead       | 208-1 | 0.90    | 0.88    | 0.92    | 0.90       | 1.78    | ppb   |
| Lithium    | 6-1   |         |         |         | 106        |         | %     |
| Magnesium  | 24-2  | 500.43  | 506.12  | 497.53  | 501.36     | 0.87    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 12:56:13 | DataFile Name :   | 020LLCC.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.93    | 0.94    | 0.93    | 0.93       | 0.79    | ppb   |
| Molybdenum | 94-1  | 4.89    | 4.85    | 4.89    | 4.88       | 0.49    | ppb   |
| Molybdenum | 95-1  | 4.97    | 4.99    | 4.95    | 4.97       | 0.35    | ppb   |
| Molybdenum | 96-1  | 4.94    | 5.25    | 4.81    | 5.00       | 4.53    | ppb   |
| Molybdenum | 97-1  | 5.01    | 4.87    | 5.29    | 5.05       | 4.28    | ppb   |
| Molybdenum | 98-1  | 5.06    | 4.87    | 4.78    | 4.91       | 2.82    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.01    | 1.05    | 1.14    | 1.07       | 6.49    | ppb   |
| Phosphorus | 31-2  | 5.65    | 30.76   | -0.70   | 11.90      | 139.75  | ppb   |
| Potassium  | 39-2  | 465.64  | 478.15  | 475.10  | 472.96     | 1.38    | ppb   |
| Rhodium    | 103-1 |         |         |         | 104        |         | %     |
| Rhodium    | 103-2 |         |         |         | 99         |         | %     |
| Scandium   | 45-1  |         |         |         | 104        |         | %     |
| Scandium   | 45-2  |         |         |         | 100        |         | %     |
| Selenium   | 77-2  | 4.63    | 8.32    | 6.64    | 6.53       | 28.32   | ppb   |
| Selenium   | 78-2  | 6.08    | 6.21    | 5.50    | 5.93       | 6.34    | ppb   |
| Selenium   | 82-1  | 5.54    | 5.37    | 4.89    | 5.27       | 6.41    | ppb   |
| Silicon    | 28-1  | 6.37    | 6.16    | 6.26    | 6.27       | 1.73    | ppb   |
| Silver     | 109-1 | 1.10    | 1.04    | 1.08    | 1.08       | 2.66    | ppb   |
| Silver     | 107-1 | 1.10    | 1.08    | 1.02    | 1.07       | 4.04    | ppb   |
| Sodium     | 23-2  | 493.97  | 496.37  | 486.48  | 492.27     | 1.05    | ppb   |
| Strontium  | 86-1  | 1.01    | 0.93    | 0.89    | 0.94       | 6.54    | ppb   |
| Strontium  | 88-1  | 0.93    | 0.95    | 0.89    | 0.92       | 3.17    | ppb   |
| Sulfur     | 34-1  | 41.47   | 88.59   | 129.86  | 86.64      | 51.04   | ppb   |
| Terbium    | 159-1 |         |         |         | 108        |         | %     |
| Terbium    | 159-2 |         |         |         | 101        |         | %     |
| Thallium   | 203-1 | 0.86    | 0.96    | 0.87    | 0.90       | 6.44    | ppb   |
| Thallium   | 205-1 | 0.95    | 0.93    | 0.95    | 0.94       | 1.66    | ppb   |
| Thorium    | 232-1 | 0.83    | 0.82    | 0.84    | 0.83       | 1.08    | ppb   |
| Tin        | 118-1 | 5.07    | 5.06    | 4.88    | 5.00       | 2.20    | ppb   |
| Titanium   | 47-1  | 4.70    | 5.15    | 5.10    | 4.99       | 4.95    | ppb   |
| Uranium    | 238-1 | 0.80    | 0.81    | 0.80    | 0.80       | 0.79    | ppb   |
| Vanadium   | 51-2  | 5.02    | 5.06    | 4.96    | 5.01       | 0.91    | ppb   |
| Yttrium    | 89-1  |         |         |         | 105        |         | %     |
| Yttrium    | 89-2  |         |         |         | 99         |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 12:56:13 | DataFile Name :   | 020LLCC.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 2.01    | 2.04    | 2.11    | 2.06       | 2.49    | ppb   |
| Zirconium | 90-1 | 0.94    | 0.94    | 0.88    | 0.92       | 4.19    | ppb   |
| Zirconium | 91-1 | 0.91    | 0.95    | 0.90    | 0.92       | 3.02    | ppb   |



LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : PB115787BL Instrumnet Name : P7  
 Client Sample ID : PB115787BL Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 13:10:53 DataFile Name : 021CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.04   | -0.27   | 0.13    | -0.06      |         | ppb   |
| Antimony   | 121-1 | 0.01    | 0.02    | 0.02    | 0.02       | 26.90   | ppb   |
| Arsenic    | 75-2  | 0.02    | 0.00    | 0.01    | 0.01       | 59.86   | ppb   |
| Barium     | 135-1 | 0.00    | 0.00    | -0.01   | -0.01      |         | ppb   |
| Barium     | 137-1 | 0.02    | 0.00    | 0.00    | 0.01       | 151.70  | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.02    | 0.02    | 0.02       | 37.59   | ppb   |
| Bismuth    | 209-1 |         |         |         | 113        |         | %     |
| Bismuth    | 209-2 |         |         |         | 103        |         | %     |
| Boron      | 10-1  | 1.27    | 1.01    | 1.05    | 1.11       | 12.23   | ppb   |
| Boron      | 11-1  | 1.02    | 1.05    | 1.01    | 1.03       | 2.08    | ppb   |
| Cadmium    | 111-1 | -0.18   | -0.16   | -0.16   | -0.16      |         | ppb   |
| Cadmium    | 106-1 | -2.38   | -2.08   | -2.09   | -2.18      |         | ppb   |
| Cadmium    | 108-1 | -0.10   | -0.04   | -0.08   | -0.08      |         | ppb   |
| Calcium    | 43-1  | -0.96   | -1.46   | -0.96   | -1.13      |         | ppb   |
| Calcium    | 44-1  | -0.49   | -0.96   | -0.98   | -0.81      |         | ppb   |
| Chromium   | 52-2  | -0.07   | -0.01   | -0.08   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | -0.01   | -0.01   | 0.00    | 0.00       |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 113        |         | %     |
| Holmium    | 165-2 |         |         |         | 102        |         | %     |
| Indium     | 115-1 |         |         |         | 109        |         | %     |
| Indium     | 115-2 |         |         |         | 101        |         | %     |
| Iron       | 56-2  | -0.31   | -0.26   | -0.29   | -0.29      |         | ppb   |
| Iron       | 57-2  | 0.40    | 0.62    | 0.42    | 0.48       | 25.97   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Lead       | 207-1 | -0.01   | 0.00    | 0.00    | -0.01      |         | ppb   |
| Lead       | 208-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Lithium    | 6-1   |         |         |         | 109        |         | %     |
| Magnesium  | 24-2  | 0.18    | 0.40    | 0.08    | 0.22       | 75.23   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB115787BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB115787BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 13:10:53 | DataFile Name :   | 021CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | -0.04   | -0.06   | -0.05   | -0.05      |         | ppb   |
| Molybdenum | 94-1  | 0.00    | 0.05    | 0.02    | 0.02       | 91.45   | ppb   |
| Molybdenum | 95-1  | 0.03    | 0.02    | 0.02    | 0.02       | 35.28   | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.01    | 0.01    | 0.01       | 26.25   | ppb   |
| Molybdenum | 97-1  | 0.00    | 0.00    | 0.01    | 0.00       | 181.87  | ppb   |
| Molybdenum | 98-1  | 0.01    | 0.01    | 0.01    | 0.01       | 15.05   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.00    | -0.01   | -0.01   | 0.00       |         | ppb   |
| Phosphorus | 31-2  | -32.32  | -20.88  | -17.79  | -23.66     |         | ppb   |
| Potassium  | 39-2  | -4.76   | -1.11   | -1.52   | -2.46      |         | ppb   |
| Rhodium    | 103-1 |         |         |         | 108        |         | %     |
| Rhodium    | 103-2 |         |         |         | 102        |         | %     |
| Scandium   | 45-1  |         |         |         | 109        |         | %     |
| Scandium   | 45-2  |         |         |         | 103        |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.02    | 0.09    | 0.10    | 0.07       | 65.98   | ppb   |
| Selenium   | 82-1  | 0.09    | 0.01    | 0.14    | 0.08       | 80.66   | ppb   |
| Silicon    | 28-1  | -4.12   | -4.22   | -4.40   | -4.25      |         | ppb   |
| Silver     | 109-1 | 0.00    | 0.01    | 0.00    | 0.00       | 108.69  | ppb   |
| Silver     | 107-1 | 0.00    | 0.01    | 0.00    | 0.00       | 67.65   | ppb   |
| Sodium     | 23-2  | 2.32    | 4.15    | 3.22    | 3.23       | 28.31   | ppb   |
| Strontium  | 86-1  | -0.02   | -0.04   | -0.04   | -0.03      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | 33.53   | 46.15   | 144.33  | 74.67      | 81.23   | ppb   |
| Terbium    | 159-1 |         |         |         | 111        |         | %     |
| Terbium    | 159-2 |         |         |         | 103        |         | %     |
| Thallium   | 203-1 | 0.01    | 0.03    | 0.02    | 0.02       | 37.64   | ppb   |
| Thallium   | 205-1 | 0.02    | 0.02    | 0.02    | 0.02       | 6.38    | ppb   |
| Thorium    | 232-1 | 0.01    | 0.01    | 0.01    | 0.01       | 8.22    | ppb   |
| Tin        | 118-1 | 0.00    | 0.00    | 0.00    | 0.00       | 336.16  | ppb   |
| Titanium   | 47-1  | -0.01   | -0.02   | 0.02    | 0.00       |         | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Yttrium    | 89-1  |         |         |         | 109        |         | %     |
| Yttrium    | 89-2  |         |         |         | 101        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB115787BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB115787BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 13:10:53 | DataFile Name :   | 021CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 0.00    | -0.09   | -0.07   | -0.05      |         | ppb   |
| Zirconium | 90-1 | 0.00    | 0.00    | 0.00    | 0.00       | 76.50   | ppb   |
| Zirconium | 91-1 | 0.00    | 0.01    | -0.01   | 0.00       | 4493.15 | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB115787BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB115787BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 13:14:27 | DataFile Name :   | 022LCS6.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9809.30  | 9773.05  | 9657.71  | 9746.68    | 0.81    | ppb   |
| Antimony   | 121-1 | 496.67   | 498.59   | 498.36   | 497.88     | 0.21    | ppb   |
| Arsenic    | 75-2  | 519.37   | 512.27   | 509.68   | 513.77     | 0.98    | ppb   |
| Barium     | 135-1 | 2522.87  | 2509.36  | 2519.92  | 2517.39    | 0.28    | ppb   |
| Barium     | 137-1 | 2564.53  | 2529.66  | 2520.99  | 2538.39    | 0.91    | ppb   |
| Beryllium  | 9-1   | 508.49   | 509.45   | 509.36   | 509.10     | 0.10    | ppb   |
| Bismuth    | 209-1 |          |          |          | 106        |         | %     |
| Bismuth    | 209-2 |          |          |          | 96         |         | %     |
| Boron      | 10-1  | 483.72   | 493.65   | 500.10   | 492.49     | 1.68    | ppb   |
| Boron      | 11-1  | 484.50   | 491.74   | 498.43   | 491.56     | 1.42    | ppb   |
| Cadmium    | 111-1 | 515.13   | 511.01   | 513.09   | 513.08     | 0.40    | ppb   |
| Cadmium    | 106-1 | 518.61   | 515.52   | 524.16   | 519.43     | 0.84    | ppb   |
| Cadmium    | 108-1 | 517.50   | 517.98   | 514.22   | 516.57     | 0.40    | ppb   |
| Calcium    | 43-1  | 49555.92 | 50301.25 | 50459.46 | 50105.55   | 0.96    | ppb   |
| Calcium    | 44-1  | 49471.08 | 50063.51 | 49787.27 | 49773.95   | 0.60    | ppb   |
| Chromium   | 52-2  | 501.11   | 501.46   | 503.91   | 502.16     | 0.30    | ppb   |
| Cobalt     | 59-2  | 506.33   | 505.35   | 503.54   | 505.07     | 0.28    | ppb   |
| Copper     | 63-2  | 1020.90  | 1021.67  | 1022.78  | 1021.78    | 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 |          |          |          | 110        |         | %     |
| Holmium    | 165-2 |          |          |          | 100        |         | %     |
| Indium     | 115-1 |          |          |          | 101        |         | %     |
| Indium     | 115-2 |          |          |          | 91         |         | %     |
| Iron       | 56-2  | 26269.59 | 26093.61 | 26037.56 | 26133.58   | 0.46    | ppb   |
| Iron       | 57-2  | 26183.19 | 26412.22 | 26087.72 | 26227.71   | 0.64    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 483.60   | 487.24   | 487.87   | 486.24     | 0.47    | ppb   |
| Lead       | 207-1 | 487.78   | 489.15   | 488.71   | 488.55     | 0.14    | ppb   |
| Lead       | 208-1 | 490.74   | 490.25   | 490.81   | 490.60     | 0.06    | ppb   |
| Lithium    | 6-1   |          |          |          | 102        |         | %     |
| Magnesium  | 24-2  | 53101.15 | 52908.01 | 52605.66 | 52871.61   | 0.47    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB115787BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB115787BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 13:14:27 | DataFile Name :   | 022LCS6.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 992.70   | 998.80   | 999.41   | 996.97     | 0.37    | ppb   |
| Molybdenum | 94-1  | 2475.06  | 2502.62  | 2474.48  | 2484.05    | 0.65    | ppb   |
| Molybdenum | 95-1  | 2450.60  | 2495.95  | 2479.95  | 2475.50    | 0.93    | ppb   |
| Molybdenum | 96-1  | 2455.49  | 2473.92  | 2462.93  | 2464.11    | 0.38    | ppb   |
| Molybdenum | 97-1  | 2464.62  | 2494.33  | 2484.51  | 2481.15    | 0.61    | ppb   |
| Molybdenum | 98-1  | 2461.08  | 2493.87  | 2485.05  | 2480.00    | 0.68    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 509.29   | 509.84   | 512.20   | 510.44     | 0.30    | ppb   |
| Phosphorus | 31-2  | 10197.43 | 10086.81 | 10261.16 | 10181.80   | 0.87    | ppb   |
| Potassium  | 39-2  | 24813.90 | 24804.33 | 24850.15 | 24822.79   | 0.10    | ppb   |
| Rhodium    | 103-1 |          |          |          | 97         |         | %     |
| Rhodium    | 103-2 |          |          |          | 90         |         | %     |
| Scandium   | 45-1  |          |          |          | 101        |         | %     |
| Scandium   | 45-2  |          |          |          | 94         |         | %     |
| Selenium   | 77-2  | 499.87   | 525.10   | 515.38   | 513.45     | 2.48    | ppb   |
| Selenium   | 78-2  | 511.51   | 515.74   | 504.63   | 510.63     | 1.10    | ppb   |
| Selenium   | 82-1  | 502.03   | 505.11   | 508.49   | 505.21     | 0.64    | ppb   |
| Silicon    | 28-1  | 553.94   | 571.13   | 576.42   | 567.16     | 2.07    | ppb   |
| Silver     | 109-1 | 511.86   | 507.03   | 515.51   | 511.47     | 0.83    | ppb   |
| Silver     | 107-1 | 516.62   | 510.80   | 512.02   | 513.15     | 0.60    | ppb   |
| Sodium     | 23-2  | 50116.28 | 49676.93 | 49203.66 | 49665.62   | 0.92    | ppb   |
| Strontium  | 86-1  | 492.12   | 497.49   | 490.92   | 493.51     | 0.71    | ppb   |
| Strontium  | 88-1  | 493.38   | 497.64   | 494.60   | 495.21     | 0.44    | ppb   |
| Sulfur     | 34-1  | 10208.37 | 10274.02 | 10115.60 | 10199.33   | 0.78    | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 100        |         | %     |
| Thallium   | 203-1 | 484.79   | 486.10   | 477.06   | 482.65     | 1.01    | ppb   |
| Thallium   | 205-1 | 493.84   | 497.07   | 489.82   | 493.58     | 0.74    | ppb   |
| Thorium    | 232-1 | 480.50   | 478.34   | 481.30   | 480.05     | 0.32    | ppb   |
| Tin        | 118-1 | 496.67   | 500.97   | 496.79   | 498.14     | 0.49    | ppb   |
| Titanium   | 47-1  | 2477.96  | 2490.26  | 2469.97  | 2479.40    | 0.41    | ppb   |
| Uranium    | 238-1 | 475.64   | 474.15   | 472.37   | 474.05     | 0.35    | ppb   |
| Vanadium   | 51-2  | 507.10   | 503.14   | 503.92   | 504.72     | 0.42    | ppb   |
| Yttrium    | 89-1  |          |          |          | 103        |         | %     |
| Yttrium    | 89-2  |          |          |          | 93         |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB115787BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB115787BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 13:14:27 | DataFile Name :   | 022LCS6.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 1035.66 | 1036.70 | 1034.90 | 1035.76    | 0.09    | ppb   |
| Zirconium | 90-1 | 495.02  | 497.58  | 493.98  | 495.53     | 0.37    | ppb   |
| Zirconium | 91-1 | 488.58  | 497.24  | 496.89  | 494.24     | 0.99    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-0006-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 13:19:17 | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 111554.16 | 110329.66 | 107705.26 | 109863.03  | 1.79    | ppb   |
| Antimony   | 121-1 | 0.53      | 0.53      | 0.54      | 0.54       | 1.42    | ppb   |
| Arsenic    | 75-2  | 47.30     | 48.11     | 46.41     | 47.28      | 1.80    | ppb   |
| Barium     | 135-1 | 1736.28   | 1733.02   | 1709.94   | 1726.42    | 0.83    | ppb   |
| Barium     | 137-1 | 1748.21   | 1737.22   | 1742.80   | 1742.75    | 0.32    | ppb   |
| Beryllium  | 9-1   | 6.37      | 6.48      | 6.49      | 6.45       | 1.10    | ppb   |
| Bismuth    | 209-1 |           |           |           | 101        |         | %     |
| Bismuth    | 209-2 |           |           |           | 93         |         | %     |
| Boron      | 10-1  | 25.29     | 23.80     | 23.77     | 24.29      | 3.58    | ppb   |
| Boron      | 11-1  | 25.22     | 25.31     | 23.65     | 24.73      | 3.78    | ppb   |
| Cadmium    | 111-1 | 2.22      | 2.42      | 2.21      | 2.28       | 5.29    | ppb   |
| Cadmium    | 106-1 | 11.61     | 11.31     | 10.07     | 11.00      | 7.43    | ppb   |
| Cadmium    | 108-1 | 6.78      | 5.44      | 5.47      | 5.90       | 12.97   | ppb   |
| Calcium    | 43-1  | 35792.71  | 35040.66  | 35067.18  | 35300.18   | 1.21    | ppb   |
| Calcium    | 44-1  | 35504.53  | 35058.95  | 35144.27  | 35235.91   | 0.67    | ppb   |
| Chromium   | 52-2  | 149.97    | 148.69    | 145.40    | 148.02     | 1.59    | ppb   |
| Cobalt     | 59-2  | 103.63    | 102.34    | 100.92    | 102.30     | 1.32    | ppb   |
| Copper     | 63-2  | 257.17    | 253.91    | 250.25    | 253.77     | 1.36    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 109        |         | %     |
| Holmium    | 165-2 |           |           |           | 102        |         | %     |
| Indium     | 115-1 |           |           |           | 99         |         | %     |
| Indium     | 115-2 |           |           |           | 94         |         | %     |
| Iron       | 56-2  | 253627.87 | 250244.80 | 246493.08 | 250121.92  | 1.43    | ppb   |
| Iron       | 57-2  | 253264.98 | 248112.97 | 246043.28 | 249140.41  | 1.49    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 2237.42   | 2239.25   | 2237.34   | 2238.00    | 0.05    | ppb   |
| Lead       | 207-1 | 2033.06   | 2028.98   | 2030.05   | 2030.70    | 0.10    | ppb   |
| Lead       | 208-1 | 2103.56   | 2108.82   | 2101.99   | 2104.79    | 0.17    | ppb   |
| Lithium    | 6-1   |           |           |           | 106        |         | %     |
| Magnesium  | 24-2  | 50382.75  | 49786.95  | 49140.02  | 49769.91   | 1.25    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-0006-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 13:19:17 | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 9643.62 | 9509.72 | 9381.73 | 9511.69    | 1.38    | ppb   |
| Molybdenum | 94-1  | 40.88   | 40.21   | 41.25   | 40.78      | 1.29    | ppb   |
| Molybdenum | 95-1  | 4.15    | 4.07    | 3.84    | 4.02       | 4.01    | ppb   |
| Molybdenum | 96-1  | 10.16   | 9.93    | 10.08   | 10.06      | 1.14    | ppb   |
| Molybdenum | 97-1  | 3.91    | 3.73    | 3.78    | 3.81       | 2.40    | ppb   |
| Molybdenum | 98-1  | 3.89    | 3.61    | 3.74    | 3.75       | 3.75    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 213.98  | 212.86  | 210.61  | 212.49     | 0.81    | ppb   |
| Phosphorus | 31-2  | 4658.57 | 4677.69 | 4450.13 | 4595.46    | 2.75    | ppb   |
| Potassium  | 39-2  | 5707.52 | 5615.99 | 5549.39 | 5624.30    | 1.41    | ppb   |
| Rhodium    | 103-1 |         |         |         | 95         |         | %     |
| Rhodium    | 103-2 |         |         |         | 91         |         | %     |
| Scandium   | 45-1  |         |         |         | 111        |         | %     |
| Scandium   | 45-2  |         |         |         | 107        |         | %     |
| Selenium   | 77-2  | 60.61   | 55.69   | 57.77   | 58.02      | 4.26    | ppb   |
| Selenium   | 78-2  | 12.65   | 11.32   | 12.25   | 12.07      | 5.65    | ppb   |
| Selenium   | 82-1  | 2.92    | 2.54    | 3.24    | 2.90       | 12.06   | ppb   |
| Silicon    | 28-1  | 6024.92 | 5968.77 | 5980.12 | 5991.27    | 0.50    | ppb   |
| Silver     | 109-1 | 0.41    | 0.45    | 0.39    | 0.42       | 6.80    | ppb   |
| Silver     | 107-1 | 0.43    | 0.44    | 0.45    | 0.44       | 2.27    | ppb   |
| Sodium     | 23-2  | 650.78  | 634.71  | 624.57  | 636.68     | 2.08    | ppb   |
| Strontium  | 86-1  | 143.00  | 142.12  | 142.61  | 142.58     | 0.31    | ppb   |
| Strontium  | 88-1  | 144.24  | 144.25  | 143.28  | 143.92     | 0.39    | ppb   |
| Sulfur     | 34-1  | 2017.95 | 1741.00 | 1595.49 | 1784.81    | 12.02   | ppb   |
| Terbium    | 159-1 |         |         |         | 107        |         | %     |
| Terbium    | 159-2 |         |         |         | 101        |         | %     |
| Thallium   | 203-1 | 0.64    | 0.65    | 0.65    | 0.65       | 1.02    | ppb   |
| Thallium   | 205-1 | 0.67    | 0.68    | 0.64    | 0.66       | 2.92    | ppb   |
| Thorium    | 232-1 | 29.24   | 28.95   | 28.91   | 29.03      | 0.62    | ppb   |
| Tin        | 118-1 | 2.03    | 1.89    | 1.99    | 1.97       | 3.64    | ppb   |
| Titanium   | 47-1  | 199.90  | 197.19  | 197.36  | 198.15     | 0.77    | ppb   |
| Uranium    | 238-1 | 3.19    | 3.12    | 3.12    | 3.15       | 1.29    | ppb   |
| Vanadium   | 51-2  | 150.51  | 148.60  | 147.01  | 148.71     | 1.18    | ppb   |
| Yttrium    | 89-1  |         |         |         | 138        |         | %     |
| Yttrium    | 89-2  |         |         |         | 130        |         | %     |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-0006-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 13:19:17 | DataFile Name :   | 023SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 798.19  | 792.16  | 781.53  | 790.62     | 1.07    | ppb   |
| Zirconium | 90-1 | 24.88   | 24.75   | 24.57   | 24.73      | 0.63    | ppb   |
| Zirconium | 91-1 | 24.91   | 24.92   | 25.21   | 25.01      | 0.67    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-01DUP          | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-0006-01DU | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 13:22:54  | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 113167.83 | 113927.34 | 112981.12 | 113358.76  | 0.44    | ppb   |
| Antimony   | 121-1 | 0.39      | 0.43      | 0.41      | 0.41       | 5.47    | ppb   |
| Arsenic    | 75-2  | 47.22     | 47.96     | 46.89     | 47.36      | 1.16    | ppb   |
| Barium     | 135-1 | 1764.06   | 1753.13   | 1764.60   | 1760.59    | 0.37    | ppb   |
| Barium     | 137-1 | 1782.50   | 1776.24   | 1781.60   | 1780.11    | 0.19    | ppb   |
| Beryllium  | 9-1   | 6.53      | 6.44      | 6.55      | 6.51       | 0.87    | ppb   |
| Bismuth    | 209-1 |           |           |           | 99         |         | %     |
| Bismuth    | 209-2 |           |           |           | 91         |         | %     |
| Boron      | 10-1  | 21.30     | 21.11     | 21.27     | 21.23      | 0.49    | ppb   |
| Boron      | 11-1  | 21.58     | 20.83     | 21.40     | 21.27      | 1.85    | ppb   |
| Cadmium    | 111-1 | 2.17      | 2.19      | 2.34      | 2.23       | 4.28    | ppb   |
| Cadmium    | 106-1 | 10.71     | 9.96      | 11.11     | 10.59      | 5.49    | ppb   |
| Cadmium    | 108-1 | 6.73      | 6.05      | 5.69      | 6.16       | 8.58    | ppb   |
| Calcium    | 43-1  | 36310.06  | 35629.09  | 35826.86  | 35922.01   | 0.98    | ppb   |
| Calcium    | 44-1  | 36024.15  | 35525.70  | 36145.98  | 35898.61   | 0.92    | ppb   |
| Chromium   | 52-2  | 152.82    | 153.24    | 151.90    | 152.65     | 0.45    | ppb   |
| Cobalt     | 59-2  | 104.22    | 105.66    | 105.12    | 105.00     | 0.69    | ppb   |
| Copper     | 63-2  | 255.51    | 258.38    | 258.61    | 257.50     | 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 |           |           |           | 107        |         | %     |
| Holmium    | 165-2 |           |           |           | 99         |         | %     |
| Indium     | 115-1 |           |           |           | 98         |         | %     |
| Indium     | 115-2 |           |           |           | 91         |         | %     |
| Iron       | 56-2  | 259330.93 | 257925.17 | 258159.54 | 258471.88  | 0.29    | ppb   |
| Iron       | 57-2  | 255897.97 | 259902.03 | 259553.67 | 258451.23  | 0.86    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 2257.61   | 2282.53   | 2285.14   | 2275.09    | 0.67    | ppb   |
| Lead       | 207-1 | 2066.86   | 2053.19   | 2062.80   | 2060.95    | 0.34    | ppb   |
| Lead       | 208-1 | 2142.46   | 2130.62   | 2143.85   | 2138.98    | 0.34    | ppb   |
| Lithium    | 6-1   |           |           |           | 104        |         | %     |
| Magnesium  | 24-2  | 51241.36  | 51358.65  | 51313.34  | 51304.45   | 0.12    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-01DUP          | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-0006-01DU | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 13:22:54  | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 9891.63 | 9794.66 | 9754.64 | 9813.64    | 0.72    | ppb   |
| Molybdenum | 94-1  | 42.52   | 41.67   | 41.47   | 41.89      | 1.33    | ppb   |
| Molybdenum | 95-1  | 3.88    | 3.70    | 3.59    | 3.72       | 3.84    | ppb   |
| Molybdenum | 96-1  | 10.15   | 10.08   | 10.15   | 10.13      | 0.43    | ppb   |
| Molybdenum | 97-1  | 3.88    | 3.70    | 3.52    | 3.70       | 4.83    | ppb   |
| Molybdenum | 98-1  | 3.64    | 3.55    | 3.55    | 3.58       | 1.49    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 215.75  | 218.08  | 218.25  | 217.36     | 0.64    | ppb   |
| Phosphorus | 31-2  | 4647.47 | 4609.75 | 4735.41 | 4664.21    | 1.38    | ppb   |
| Potassium  | 39-2  | 5705.77 | 5723.32 | 5724.47 | 5717.85    | 0.18    | ppb   |
| Rhodium    | 103-1 |         |         |         | 94         |         | %     |
| Rhodium    | 103-2 |         |         |         | 89         |         | %     |
| Scandium   | 45-1  |         |         |         | 109        |         | %     |
| Scandium   | 45-2  |         |         |         | 104        |         | %     |
| Selenium   | 77-2  | 42.84   | 53.33   | 56.94   | 51.04      | 14.35   | ppb   |
| Selenium   | 78-2  | 13.07   | 11.75   | 12.72   | 12.51      | 5.48    | ppb   |
| Selenium   | 82-1  | 3.09    | 3.10    | 2.86    | 3.02       | 4.60    | ppb   |
| Silicon    | 28-1  | 6627.81 | 6532.69 | 6650.32 | 6603.61    | 0.95    | ppb   |
| Silver     | 109-1 | 0.38    | 0.37    | 0.38    | 0.38       | 1.81    | ppb   |
| Silver     | 107-1 | 0.42    | 0.46    | 0.41    | 0.43       | 6.06    | ppb   |
| Sodium     | 23-2  | 308.53  | 308.12  | 312.94  | 309.86     | 0.86    | ppb   |
| Strontium  | 86-1  | 146.40  | 144.55  | 144.24  | 145.06     | 0.80    | ppb   |
| Strontium  | 88-1  | 145.87  | 144.61  | 145.14  | 145.21     | 0.43    | ppb   |
| Sulfur     | 34-1  | 1520.17 | 1322.44 | 1416.57 | 1419.73    | 6.97    | ppb   |
| Terbium    | 159-1 |         |         |         | 106        |         | %     |
| Terbium    | 159-2 |         |         |         | 99         |         | %     |
| Thallium   | 203-1 | 0.64    | 0.59    | 0.63    | 0.62       | 4.95    | ppb   |
| Thallium   | 205-1 | 0.63    | 0.62    | 0.62    | 0.62       | 0.84    | ppb   |
| Thorium    | 232-1 | 29.58   | 29.47   | 29.39   | 29.48      | 0.33    | ppb   |
| Tin        | 118-1 | 1.63    | 1.67    | 1.53    | 1.61       | 4.41    | ppb   |
| Titanium   | 47-1  | 208.22  | 206.60  | 208.38  | 207.73     | 0.47    | ppb   |
| Uranium    | 238-1 | 3.17    | 3.13    | 3.21    | 3.17       | 1.20    | ppb   |
| Vanadium   | 51-2  | 152.78  | 154.35  | 153.61  | 153.58     | 0.51    | ppb   |
| Yttrium    | 89-1  |         |         |         | 136        |         | %     |
| Yttrium    | 89-2  |         |         |         | 128        |         | %     |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-01DUP          | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-0006-01DU | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 13:22:54  | DataFile Name :   | 024SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 805.51  | 811.58  | 807.25  | 808.11     | 0.39    | ppb   |
| Zirconium | 90-1 | 25.60   | 25.13   | 25.47   | 25.40      | 0.96    | ppb   |
| Zirconium | 91-1 | 25.84   | 25.37   | 25.12   | 25.44      | 1.43    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-01LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-0006-01L | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 13:26:30 | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 25225.47 | 25145.24 | 24356.83 | 24909.18   | 1.93    | ppb   |
| Antimony   | 121-1 | 0.09     | 0.12     | 0.11     | 0.11       | 16.16   | ppb   |
| Arsenic    | 75-2  | 13.06    | 13.33    | 12.66    | 13.01      | 2.58    | ppb   |
| Barium     | 135-1 | 368.43   | 365.77   | 365.03   | 366.41     | 0.49    | ppb   |
| Barium     | 137-1 | 368.76   | 370.62   | 364.90   | 368.09     | 0.79    | ppb   |
| Beryllium  | 9-1   | 1.52     | 1.46     | 1.54     | 1.50       | 2.68    | ppb   |
| Bismuth    | 209-1 |          |          |          | 110        |         | %     |
| Bismuth    | 209-2 |          |          |          | 102        |         | %     |
| Boron      | 10-1  | 6.10     | 6.22     | 6.06     | 6.13       | 1.38    | ppb   |
| Boron      | 11-1  | 6.45     | 6.27     | 6.43     | 6.38       | 1.50    | ppb   |
| Cadmium    | 111-1 | 0.36     | 0.37     | 0.20     | 0.31       | 29.69   | ppb   |
| Cadmium    | 106-1 | 0.18     | 0.58     | -1.03    | -0.09      |         | ppb   |
| Cadmium    | 108-1 | 1.21     | 1.20     | 1.09     | 1.17       | 5.88    | ppb   |
| Calcium    | 43-1  | 7952.96  | 7852.07  | 8053.43  | 7952.82    | 1.27    | ppb   |
| Calcium    | 44-1  | 7979.90  | 7910.66  | 8016.17  | 7968.91    | 0.67    | ppb   |
| Chromium   | 52-2  | 34.57    | 34.31    | 33.18    | 34.02      | 2.16    | ppb   |
| Cobalt     | 59-2  | 23.95    | 24.02    | 23.16    | 23.71      | 2.01    | ppb   |
| Copper     | 63-2  | 60.35    | 60.42    | 58.41    | 59.73      | 1.91    | 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 |          |          |          | 112        |         | %     |
| Holmium    | 165-2 |          |          |          | 105        |         | %     |
| Indium     | 115-1 |          |          |          | 105        |         | %     |
| Indium     | 115-2 |          |          |          | 100        |         | %     |
| Iron       | 56-2  | 58564.28 | 58408.37 | 56108.64 | 57693.76   | 2.38    | ppb   |
| Iron       | 57-2  | 57545.99 | 57832.58 | 55779.01 | 57052.53   | 1.95    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 448.68   | 446.33   | 450.53   | 448.51     | 0.47    | ppb   |
| Lead       | 207-1 | 405.55   | 400.19   | 405.48   | 403.74     | 0.76    | ppb   |
| Lead       | 208-1 | 426.34   | 422.90   | 428.22   | 425.82     | 0.63    | ppb   |
| Lithium    | 6-1   |          |          |          | 104        |         | %     |
| Magnesium  | 24-2  | 11520.79 | 11526.28 | 11110.22 | 11385.76   | 2.10    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-01LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-0006-01L | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 13:26:30 | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 2214.51 | 2215.70  | 2136.49  | 2188.90    | 2.07    | ppb   |
| Molybdenum | 94-1  | 10.40   | 10.87    | 10.77    | 10.68      | 2.33    | ppb   |
| Molybdenum | 95-1  | 1.00    | 0.99     | 1.06     | 1.02       | 3.70    | ppb   |
| Molybdenum | 96-1  | 2.77    | 2.58     | 2.52     | 2.62       | 4.90    | ppb   |
| Molybdenum | 97-1  | 1.05    | 0.89     | 0.96     | 0.97       | 8.39    | ppb   |
| Molybdenum | 98-1  | 0.95    | 1.00     | 0.93     | 0.96       | 3.69    | ppb   |
| Neodymium  | 150-1 |         |          |          |            |         | cps   |
| Neodymium  | 150-2 |         |          |          |            |         | cps   |
| Nickel     | 60-2  | 50.54   | 50.93    | 48.08    | 49.85      | 3.10    | ppb   |
| Phosphorus | 31-2  | 1112.93 | 1082.40  | 1044.54  | 1079.96    | 3.17    | ppb   |
| Potassium  | 39-2  | 1281.46 | 1270.56  | 1240.67  | 1264.23    | 1.67    | ppb   |
| Rhodium    | 103-1 |         |          |          | 102        |         | %     |
| Rhodium    | 103-2 |         |          |          | 98         |         | %     |
| Scandium   | 45-1  |         |          |          | 106        |         | %     |
| Scandium   | 45-2  |         |          |          | 102        |         | %     |
| Selenium   | 77-2  | 13.24   | 9.29     | 15.06    | 12.53      | 23.57   | ppb   |
| Selenium   | 78-2  | 3.77    | 2.96     | 3.46     | 3.40       | 11.99   | ppb   |
| Selenium   | 82-1  | 1.23    | 1.09     | 1.18     | 1.17       | 6.22    | ppb   |
| Silicon    | 28-1  | 1413.25 | 1399.25  | 1425.17  | 1412.55    | 0.92    | ppb   |
| Silver     | 109-1 | 0.09    | 0.09     | 0.09     | 0.09       | 4.61    | ppb   |
| Silver     | 107-1 | 0.08    | 0.09     | 0.09     | 0.08       | 4.39    | ppb   |
| Sodium     | 23-2  | 106.13  | 107.09   | 99.76    | 104.33     | 3.82    | ppb   |
| Strontium  | 86-1  | 38.21   | 38.10    | 38.20    | 38.17      | 0.15    | ppb   |
| Strontium  | 88-1  | 38.03   | 37.84    | 37.86    | 37.91      | 0.28    | ppb   |
| Sulfur     | 34-1  | -904.52 | -1039.85 | -1017.82 | -987.40    |         | ppb   |
| Terbium    | 159-1 |         |          |          | 111        |         | %     |
| Terbium    | 159-2 |         |          |          | 104        |         | %     |
| Thallium   | 203-1 | 0.14    | 0.14     | 0.11     | 0.13       | 12.13   | ppb   |
| Thallium   | 205-1 | 0.14    | 0.14     | 0.14     | 0.14       | 2.63    | ppb   |
| Thorium    | 232-1 | 5.80    | 5.68     | 5.79     | 5.76       | 1.16    | ppb   |
| Tin        | 118-1 | 0.35    | 0.38     | 0.44     | 0.39       | 11.79   | ppb   |
| Titanium   | 47-1  | 46.71   | 46.79    | 45.63    | 46.38      | 1.39    | ppb   |
| Uranium    | 238-1 | 0.63    | 0.63     | 0.62     | 0.63       | 0.54    | ppb   |
| Vanadium   | 51-2  | 34.11   | 34.15    | 33.10    | 33.79      | 1.77    | ppb   |
| Yttrium    | 89-1  |         |          |          | 114        |         | %     |
| Yttrium    | 89-2  |         |          |          | 108        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-01LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-0006-01L | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 13:26:30 | DataFile Name :   | 025SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 201.23  | 201.40  | 195.88  | 199.50     | 1.57    | ppb   |
| Zirconium | 90-1 | 6.48    | 6.39    | 6.59    | 6.49       | 1.51    | ppb   |
| Zirconium | 91-1 | 6.81    | 6.71    | 6.63    | 6.72       | 1.32    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-01MS Instrumnet Name : P7  
 Client Sample ID : P001-SS012-0006-01MS Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 13:30:05 DataFile Name : 026SMPL.d

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 123257.26 | 122783.08 | 122146.86 | 122729.07  | 0.45    | ppb   |
| Antimony   | 121-1 | 250.84    | 244.52    | 247.74    | 247.70     | 1.27    | ppb   |
| Arsenic    | 75-2  | 364.12    | 361.70    | 361.59    | 362.47     | 0.39    | ppb   |
| Barium     | 135-1 | 3880.20   | 3818.52   | 3869.87   | 3856.20    | 0.86    | ppb   |
| Barium     | 137-1 | 3874.27   | 3809.76   | 3879.07   | 3854.37    | 1.00    | ppb   |
| Beryllium  | 9-1   | 427.03    | 423.44    | 425.97    | 425.48     | 0.43    | ppb   |
| Bismuth    | 209-1 |           |           |           | 95         |         | %     |
| Bismuth    | 209-2 |           |           |           | 87         |         | %     |
| Boron      | 10-1  | 395.58    | 400.64    | 402.39    | 399.54     | 0.88    | ppb   |
| Boron      | 11-1  | 400.76    | 399.48    | 403.93    | 401.39     | 0.57    | ppb   |
| Cadmium    | 111-1 | 441.89    | 429.81    | 435.46    | 435.72     | 1.39    | ppb   |
| Cadmium    | 106-1 | 457.58    | 450.37    | 449.22    | 452.39     | 1.00    | ppb   |
| Cadmium    | 108-1 | 446.70    | 438.27    | 443.58    | 442.85     | 0.96    | ppb   |
| Calcium    | 43-1  | 66118.11  | 65442.36  | 66144.81  | 65901.76   | 0.60    | ppb   |
| Calcium    | 44-1  | 65975.39  | 65737.50  | 66162.69  | 65958.52   | 0.32    | ppb   |
| Chromium   | 52-2  | 565.56    | 565.38    | 565.47    | 565.47     | 0.02    | ppb   |
| Cobalt     | 59-2  | 518.03    | 517.38    | 515.18    | 516.86     | 0.29    | ppb   |
| Copper     | 63-2  | 1054.09   | 1049.74   | 1050.31   | 1051.38    | 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 |           |           |           | 104        |         | %     |
| Holmium    | 165-2 |           |           |           | 96         |         | %     |
| Indium     | 115-1 |           |           |           | 92         |         | %     |
| Indium     | 115-2 |           |           |           | 86         |         | %     |
| Iron       | 56-2  | 280498.71 | 281554.25 | 282862.36 | 281638.44  | 0.42    | ppb   |
| Iron       | 57-2  | 281891.59 | 280049.99 | 280221.09 | 280720.89  | 0.36    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 2852.73   | 2852.96   | 2879.35   | 2861.68    | 0.53    | ppb   |
| Lead       | 207-1 | 2614.45   | 2601.83   | 2642.03   | 2619.43    | 0.78    | ppb   |
| Lead       | 208-1 | 2707.34   | 2692.83   | 2720.56   | 2706.91    | 0.51    | ppb   |
| Lithium    | 6-1   |           |           |           | 98         |         | %     |
| Magnesium  | 24-2  | 95273.00  | 95087.62  | 95250.75  | 95203.79   | 0.11    | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-01MS           | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-0006-01MS | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 13:30:05  | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 10208.38 | 10204.14 | 10206.52 | 10206.35   | 0.02    | ppb   |
| Molybdenum | 94-1  | 1650.60  | 1640.72  | 1648.67  | 1646.66    | 0.32    | ppb   |
| Molybdenum | 95-1  | 1593.71  | 1582.98  | 1589.06  | 1588.58    | 0.34    | ppb   |
| Molybdenum | 96-1  | 1599.84  | 1588.19  | 1596.43  | 1594.82    | 0.38    | ppb   |
| Molybdenum | 97-1  | 1579.13  | 1564.17  | 1579.67  | 1574.32    | 0.56    | ppb   |
| Molybdenum | 98-1  | 1590.40  | 1586.08  | 1595.78  | 1590.75    | 0.31    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 623.65   | 619.14   | 621.27   | 621.36     | 0.36    | ppb   |
| Phosphorus | 31-2  | 4514.04  | 4584.09  | 4626.49  | 4574.87    | 1.24    | ppb   |
| Potassium  | 39-2  | 25352.56 | 25376.33 | 25600.57 | 25443.15   | 0.54    | ppb   |
| Rhodium    | 103-1 |          |          |          | 88         |         | %     |
| Rhodium    | 103-2 |          |          |          | 83         |         | %     |
| Scandium   | 45-1  |          |          |          | 103        |         | %     |
| Scandium   | 45-2  |          |          |          | 98         |         | %     |
| Selenium   | 77-2  | 356.26   | 347.16   | 338.58   | 347.34     | 2.55    | ppb   |
| Selenium   | 78-2  | 303.71   | 305.33   | 299.86   | 302.97     | 0.93    | ppb   |
| Selenium   | 82-1  | 291.73   | 291.03   | 293.48   | 292.08     | 0.43    | ppb   |
| Silicon    | 28-1  | 8501.07  | 8345.06  | 8460.99  | 8435.71    | 0.96    | ppb   |
| Silver     | 109-1 | 403.28   | 395.00   | 402.08   | 400.12     | 1.12    | ppb   |
| Silver     | 107-1 | 407.91   | 398.26   | 404.90   | 403.69     | 1.22    | ppb   |
| Sodium     | 23-2  | 39517.56 | 39376.33 | 39470.99 | 39454.96   | 0.18    | ppb   |
| Strontium  | 86-1  | 458.26   | 456.88   | 459.65   | 458.26     | 0.30    | ppb   |
| Strontium  | 88-1  | 456.19   | 456.96   | 464.22   | 459.12     | 0.97    | ppb   |
| Sulfur     | 34-1  | 1468.92  | 1276.71  | 1205.53  | 1317.05    | 10.35   | ppb   |
| Terbium    | 159-1 |          |          |          | 102        |         | %     |
| Terbium    | 159-2 |          |          |          | 96         |         | %     |
| Thallium   | 203-1 | 437.27   | 440.22   | 441.57   | 439.68     | 0.50    | ppb   |
| Thallium   | 205-1 | 446.49   | 444.90   | 449.77   | 447.06     | 0.56    | ppb   |
| Thorium    | 232-1 | 27.43    | 27.23    | 27.77    | 27.47      | 1.01    | ppb   |
| Tin        | 118-1 | 379.10   | 372.46   | 378.64   | 376.73     | 0.98    | ppb   |
| Titanium   | 47-1  | 2137.04  | 2115.55  | 2139.29  | 2130.63    | 0.61    | ppb   |
| Uranium    | 238-1 | 447.78   | 449.99   | 454.40   | 450.72     | 0.75    | ppb   |
| Vanadium   | 51-2  | 578.35   | 576.57   | 578.90   | 577.94     | 0.21    | ppb   |
| Yttrium    | 89-1  |          |          |          | 128        |         | %     |
| Yttrium    | 89-2  |          |          |          | 120        |         | %     |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-01MS           | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-0006-01MS | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 13:30:05  | DataFile Name :   | 026SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 1533.67 | 1528.85 | 1534.83 | 1532.45    | 0.21    | ppb   |
| Zirconium | 90-1 | 359.24  | 355.60  | 360.37  | 358.41     | 0.70    | ppb   |
| Zirconium | 91-1 | 356.45  | 355.63  | 358.30  | 356.79     | 0.38    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-01MSD          | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-0006-01MS | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 13:33:42  | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 128838.43 | 127216.46 | 129492.20 | 128515.70  | 0.91    | ppb   |
| Antimony   | 121-1 | 294.57    | 288.25    | 292.23    | 291.68     | 1.10    | ppb   |
| Arsenic    | 75-2  | 400.01    | 400.61    | 400.25    | 400.29     | 0.08    | ppb   |
| Barium     | 135-1 | 4238.74   | 4138.44   | 4206.32   | 4194.50    | 1.22    | ppb   |
| Barium     | 137-1 | 4251.40   | 4153.06   | 4178.85   | 4194.43    | 1.22    | ppb   |
| Beryllium  | 9-1   | 477.64    | 479.79    | 476.60    | 478.01     | 0.34    | ppb   |
| Bismuth    | 209-1 |           |           |           | 94         |         | %     |
| Bismuth    | 209-2 |           |           |           | 86         |         | %     |
| Boron      | 10-1  | 456.05    | 457.94    | 464.74    | 459.58     | 0.99    | ppb   |
| Boron      | 11-1  | 461.44    | 464.11    | 469.36    | 464.97     | 0.87    | ppb   |
| Cadmium    | 111-1 | 493.20    | 483.87    | 484.99    | 487.35     | 1.05    | ppb   |
| Cadmium    | 106-1 | 515.88    | 496.20    | 507.23    | 506.44     | 1.95    | ppb   |
| Cadmium    | 108-1 | 503.75    | 493.61    | 495.45    | 497.60     | 1.09    | ppb   |
| Calcium    | 43-1  | 75635.13  | 75186.08  | 74885.18  | 75235.46   | 0.50    | ppb   |
| Calcium    | 44-1  | 75923.51  | 75011.41  | 74749.43  | 75228.12   | 0.82    | ppb   |
| Chromium   | 52-2  | 622.87    | 618.56    | 626.07    | 622.50     | 0.61    | ppb   |
| Cobalt     | 59-2  | 570.70    | 566.16    | 574.83    | 570.56     | 0.76    | ppb   |
| Copper     | 63-2  | 1142.52   | 1137.63   | 1157.54   | 1145.90    | 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 |           |           |           | 104        |         | %     |
| Holmium    | 165-2 |           |           |           | 95         |         | %     |
| Indium     | 115-1 |           |           |           | 92         |         | %     |
| Indium     | 115-2 |           |           |           | 85         |         | %     |
| Iron       | 56-2  | 290916.35 | 287725.69 | 292972.82 | 290538.28  | 0.91    | ppb   |
| Iron       | 57-2  | 287509.98 | 286156.91 | 291030.76 | 288232.55  | 0.87    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 2906.61   | 2796.57   | 2845.91   | 2849.70    | 1.93    | ppb   |
| Lead       | 207-1 | 2656.68   | 2582.27   | 2623.27   | 2620.74    | 1.42    | ppb   |
| Lead       | 208-1 | 2743.54   | 2656.93   | 2687.73   | 2696.07    | 1.63    | ppb   |
| Lithium    | 6-1   |           |           |           | 98         |         | %     |
| Magnesium  | 24-2  | 100574.56 | 100331.00 | 101372.32 | 100759.29  | 0.54    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-01MSD Instrumnet Name : P7  
 Client Sample ID : P001-SS012-0006-01MS Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 13:33:42 DataFile Name : 027SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 10472.33 | 10309.72 | 10446.82 | 10409.62   | 0.84    | ppb   |
| Molybdenum | 94-1  | 1896.36  | 1881.48  | 1895.68  | 1891.17    | 0.44    | ppb   |
| Molybdenum | 95-1  | 1843.95  | 1827.93  | 1832.51  | 1834.79    | 0.45    | ppb   |
| Molybdenum | 96-1  | 1844.08  | 1840.12  | 1840.80  | 1841.67    | 0.11    | ppb   |
| Molybdenum | 97-1  | 1828.71  | 1831.15  | 1837.99  | 1832.62    | 0.26    | ppb   |
| Molybdenum | 98-1  | 1841.13  | 1845.62  | 1836.96  | 1841.24    | 0.24    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 679.21   | 675.55   | 684.30   | 679.69     | 0.65    | ppb   |
| Phosphorus | 31-2  | 4445.11  | 4384.65  | 4493.78  | 4441.18    | 1.23    | ppb   |
| Potassium  | 39-2  | 28892.62 | 28731.27 | 29138.52 | 28920.80   | 0.71    | ppb   |
| Rhodium    | 103-1 |          |          |          | 87         |         | %     |
| Rhodium    | 103-2 |          |          |          | 82         |         | %     |
| Scandium   | 45-1  |          |          |          | 102        |         | %     |
| Scandium   | 45-2  |          |          |          | 97         |         | %     |
| Selenium   | 77-2  | 384.54   | 360.17   | 392.19   | 378.97     | 4.41    | ppb   |
| Selenium   | 78-2  | 349.54   | 346.34   | 348.36   | 348.08     | 0.46    | ppb   |
| Selenium   | 82-1  | 340.36   | 331.87   | 332.77   | 335.00     | 1.39    | ppb   |
| Silicon    | 28-1  | 7820.69  | 7758.26  | 7817.98  | 7798.98    | 0.45    | ppb   |
| Silver     | 109-1 | 461.07   | 453.84   | 450.11   | 455.01     | 1.22    | ppb   |
| Silver     | 107-1 | 465.31   | 456.43   | 455.28   | 459.01     | 1.20    | ppb   |
| Sodium     | 23-2  | 45322.74 | 44893.91 | 45535.66 | 45250.77   | 0.72    | ppb   |
| Strontium  | 86-1  | 518.21   | 514.73   | 512.43   | 515.12     | 0.56    | ppb   |
| Strontium  | 88-1  | 518.73   | 515.94   | 516.43   | 517.03     | 0.29    | ppb   |
| Sulfur     | 34-1  | 1753.00  | 1591.96  | 1662.91  | 1669.29    | 4.83    | ppb   |
| Terbium    | 159-1 |          |          |          | 103        |         | %     |
| Terbium    | 159-2 |          |          |          | 95         |         | %     |
| Thallium   | 203-1 | 521.84   | 499.42   | 507.57   | 509.61     | 2.23    | ppb   |
| Thallium   | 205-1 | 533.41   | 509.17   | 519.50   | 520.69     | 2.34    | ppb   |
| Thorium    | 232-1 | 28.73    | 27.30    | 27.39    | 27.81      | 2.88    | ppb   |
| Tin        | 118-1 | 438.37   | 426.53   | 427.10   | 430.67     | 1.55    | ppb   |
| Titanium   | 47-1  | 2392.03  | 2385.30  | 2397.54  | 2391.63    | 0.26    | ppb   |
| Uranium    | 238-1 | 535.20   | 514.79   | 523.15   | 524.38     | 1.96    | ppb   |
| Vanadium   | 51-2  | 631.87   | 628.12   | 634.78   | 631.59     | 0.53    | ppb   |
| Yttrium    | 89-1  |          |          |          | 127        |         | %     |
| Yttrium    | 89-2  |          |          |          | 118        |         | %     |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-01MSD          | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-0006-01MS | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 13:33:42  | DataFile Name :   | 027SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 1601.04 | 1594.65 | 1623.84 | 1606.51    | 0.96    | ppb   |
| Zirconium | 90-1 | 407.63  | 406.61  | 406.63  | 406.96     | 0.14    | ppb   |
| Zirconium | 91-1 | 408.80  | 405.10  | 407.09  | 407.00     | 0.46    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-01A           | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-0006-01A | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 13:37:19 | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 126071.05 | 126613.44 | 126750.41 | 126478.30  | 0.28    | ppb   |
| Antimony   | 121-1 | 277.56    | 279.37    | 283.76    | 280.23     | 1.14    | ppb   |
| Arsenic    | 75-2  | 398.91    | 395.96    | 397.08    | 397.32     | 0.37    | ppb   |
| Barium     | 135-1 | 4032.25   | 4105.84   | 4140.19   | 4092.76    | 1.35    | ppb   |
| Barium     | 137-1 | 4061.12   | 4114.02   | 4146.75   | 4107.29    | 1.05    | ppb   |
| Beryllium  | 9-1   | 469.43    | 472.06    | 472.04    | 471.18     | 0.32    | ppb   |
| Bismuth    | 209-1 |           |           |           | 96         |         | %     |
| Bismuth    | 209-2 |           |           |           | 86         |         | %     |
| Boron      | 10-1  | 444.86    | 455.72    | 462.71    | 454.43     | 1.98    | ppb   |
| Boron      | 11-1  | 451.14    | 462.56    | 463.91    | 459.20     | 1.53    | ppb   |
| Cadmium    | 111-1 | 471.98    | 476.66    | 483.44    | 477.36     | 1.21    | ppb   |
| Cadmium    | 106-1 | 491.60    | 495.16    | 501.38    | 496.05     | 1.00    | ppb   |
| Cadmium    | 108-1 | 477.10    | 479.89    | 490.16    | 482.38     | 1.43    | ppb   |
| Calcium    | 43-1  | 71739.07  | 72356.21  | 72105.57  | 72066.95   | 0.43    | ppb   |
| Calcium    | 44-1  | 71702.64  | 72546.44  | 72568.25  | 72272.44   | 0.68    | ppb   |
| Chromium   | 52-2  | 610.48    | 615.64    | 619.11    | 615.08     | 0.71    | ppb   |
| Cobalt     | 59-2  | 562.26    | 566.76    | 566.39    | 565.14     | 0.44    | ppb   |
| Copper     | 63-2  | 1128.79   | 1144.25   | 1132.02   | 1135.02    | 0.72    | 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 |           |           |           | 105        |         | %     |
| Holmium    | 165-2 |           |           |           | 95         |         | %     |
| Indium     | 115-1 |           |           |           | 92         |         | %     |
| Indium     | 115-2 |           |           |           | 85         |         | %     |
| Iron       | 56-2  | 285164.52 | 288930.37 | 287033.35 | 287042.75  | 0.66    | ppb   |
| Iron       | 57-2  | 285591.06 | 286943.62 | 284548.03 | 285694.24  | 0.42    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 2839.07   | 2827.02   | 2837.88   | 2834.66    | 0.23    | ppb   |
| Lead       | 207-1 | 2606.47   | 2584.01   | 2604.43   | 2598.31    | 0.48    | ppb   |
| Lead       | 208-1 | 2685.62   | 2683.04   | 2700.30   | 2689.65    | 0.35    | ppb   |
| Lithium    | 6-1   |           |           |           | 98         |         | %     |
| Magnesium  | 24-2  | 100415.18 | 101453.67 | 100960.26 | 100943.04  | 0.51    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-01A           | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-0006-01A | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 13:37:19 | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 10250.91 | 10374.94 | 10318.67 | 10314.84   | 0.60    | ppb   |
| Molybdenum | 94-1  | 1846.12  | 1860.94  | 1867.02  | 1858.02    | 0.58    | ppb   |
| Molybdenum | 95-1  | 1791.25  | 1804.46  | 1806.48  | 1800.73    | 0.46    | ppb   |
| Molybdenum | 96-1  | 1800.14  | 1814.00  | 1807.57  | 1807.24    | 0.38    | ppb   |
| Molybdenum | 97-1  | 1787.60  | 1802.33  | 1802.09  | 1797.34    | 0.47    | ppb   |
| Molybdenum | 98-1  | 1787.49  | 1802.39  | 1799.84  | 1796.57    | 0.44    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 668.67   | 677.90   | 677.11   | 674.56     | 0.76    | ppb   |
| Phosphorus | 31-2  | 4348.00  | 4614.21  | 4365.08  | 4442.43    | 3.35    | ppb   |
| Potassium  | 39-2  | 28289.20 | 28559.68 | 28452.48 | 28433.79   | 0.48    | ppb   |
| Rhodium    | 103-1 |          |          |          | 87         |         | %     |
| Rhodium    | 103-2 |          |          |          | 81         |         | %     |
| Scandium   | 45-1  |          |          |          | 102        |         | %     |
| Scandium   | 45-2  |          |          |          | 96         |         | %     |
| Selenium   | 77-2  | 392.86   | 396.49   | 398.22   | 395.86     | 0.69    | ppb   |
| Selenium   | 78-2  | 341.21   | 348.07   | 346.35   | 345.21     | 1.03    | ppb   |
| Selenium   | 82-1  | 325.00   | 329.59   | 326.39   | 326.99     | 0.72    | ppb   |
| Silicon    | 28-1  | 7999.97  | 8072.87  | 8193.47  | 8088.77    | 1.21    | ppb   |
| Silver     | 109-1 | 439.42   | 438.48   | 452.74   | 443.55     | 1.80    | ppb   |
| Silver     | 107-1 | 442.31   | 444.42   | 451.99   | 446.24     | 1.14    | ppb   |
| Sodium     | 23-2  | 44747.47 | 44957.31 | 45019.92 | 44908.23   | 0.32    | ppb   |
| Strontium  | 86-1  | 494.82   | 501.35   | 502.09   | 499.42     | 0.80    | ppb   |
| Strontium  | 88-1  | 499.45   | 508.15   | 508.38   | 505.33     | 1.01    | ppb   |
| Sulfur     | 34-1  | 1621.80  | 1529.91  | 1530.89  | 1560.87    | 3.38    | ppb   |
| Terbium    | 159-1 |          |          |          | 103        |         | %     |
| Terbium    | 159-2 |          |          |          | 95         |         | %     |
| Thallium   | 203-1 | 499.83   | 495.51   | 495.14   | 496.83     | 0.52    | ppb   |
| Thallium   | 205-1 | 507.56   | 506.56   | 504.88   | 506.33     | 0.27    | ppb   |
| Thorium    | 232-1 | 26.81    | 26.76    | 27.01    | 26.86      | 0.49    | ppb   |
| Tin        | 118-1 | 412.10   | 416.63   | 424.36   | 417.69     | 1.48    | ppb   |
| Titanium   | 47-1  | 2336.68  | 2354.99  | 2360.50  | 2350.72    | 0.53    | ppb   |
| Uranium    | 238-1 | 503.05   | 505.75   | 508.23   | 505.67     | 0.51    | ppb   |
| Vanadium   | 51-2  | 626.17   | 627.30   | 628.37   | 627.28     | 0.18    | ppb   |
| Yttrium    | 89-1  |          |          |          | 128        |         | %     |
| Yttrium    | 89-2  |          |          |          | 117        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-01A           | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-0006-01A | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 13:37:19 | DataFile Name :   | 028SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 1589.49 | 1611.07 | 1609.87 | 1603.47    | 0.76    | ppb   |
| Zirconium | 90-1 | 393.15  | 398.64  | 400.22  | 397.34     | 0.93    | ppb   |
| Zirconium | 91-1 | 394.71  | 399.55  | 394.60  | 396.29     | 0.71    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-0612-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 13:40:54 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 129668.79 | 128359.55 | 129572.09 | 129200.15  | 0.56    | ppb   |
| Antimony   | 121-1 | 0.40      | 0.35      | 0.38      | 0.38       | 6.20    | ppb   |
| Arsenic    | 75-2  | 47.88     | 46.38     | 47.00     | 47.09      | 1.61    | ppb   |
| Barium     | 135-1 | 1759.96   | 1738.12   | 1719.26   | 1739.11    | 1.17    | ppb   |
| Barium     | 137-1 | 1778.14   | 1750.10   | 1760.87   | 1763.04    | 0.80    | ppb   |
| Beryllium  | 9-1   | 7.15      | 6.95      | 7.11      | 7.07       | 1.48    | ppb   |
| Bismuth    | 209-1 |           |           |           | 101        |         | %     |
| Bismuth    | 209-2 |           |           |           | 92         |         | %     |
| Boron      | 10-1  | 24.90     | 22.54     | 22.55     | 23.33      | 5.82    | ppb   |
| Boron      | 11-1  | 24.80     | 23.19     | 23.20     | 23.73      | 3.91    | ppb   |
| Cadmium    | 111-1 | 2.38      | 2.01      | 2.21      | 2.20       | 8.42    | ppb   |
| Cadmium    | 106-1 | 12.64     | 9.95      | 11.03     | 11.21      | 12.04   | ppb   |
| Cadmium    | 108-1 | 5.48      | 5.74      | 5.52      | 5.58       | 2.56    | ppb   |
| Calcium    | 43-1  | 15481.09  | 15247.09  | 15469.72  | 15399.30   | 0.86    | ppb   |
| Calcium    | 44-1  | 15743.23  | 15487.33  | 15554.06  | 15594.87   | 0.85    | ppb   |
| Chromium   | 52-2  | 147.75    | 150.72    | 149.59    | 149.35     | 1.00    | ppb   |
| Cobalt     | 59-2  | 93.11     | 93.93     | 94.51     | 93.85      | 0.75    | ppb   |
| Copper     | 63-2  | 226.40    | 226.34    | 227.29    | 226.67     | 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 |           |           |           | 109        |         | %     |
| Holmium    | 165-2 |           |           |           | 100        |         | %     |
| Indium     | 115-1 |           |           |           | 97         |         | %     |
| Indium     | 115-2 |           |           |           | 92         |         | %     |
| Iron       | 56-2  | 257701.50 | 259205.00 | 258933.86 | 258613.45  | 0.31    | ppb   |
| Iron       | 57-2  | 257935.36 | 259397.06 | 258748.94 | 258693.79  | 0.28    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 3132.31   | 3091.81   | 3126.57   | 3116.89    | 0.70    | ppb   |
| Lead       | 207-1 | 2839.66   | 2790.30   | 2838.02   | 2822.66    | 0.99    | ppb   |
| Lead       | 208-1 | 2951.90   | 2917.62   | 2933.63   | 2934.39    | 0.58    | ppb   |
| Lithium    | 6-1   |           |           |           | 103        |         | %     |
| Magnesium  | 24-2  | 44279.93  | 44053.02  | 44351.84  | 44228.26   | 0.35    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-0612-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 13:40:54 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 6643.63 | 6701.49 | 6677.30 | 6674.14    | 0.44    | ppb   |
| Molybdenum | 94-1  | 40.97   | 40.32   | 40.63   | 40.64      | 0.81    | ppb   |
| Molybdenum | 95-1  | 5.21    | 4.95    | 5.16    | 5.11       | 2.78    | ppb   |
| Molybdenum | 96-1  | 11.42   | 11.17   | 11.31   | 11.30      | 1.13    | ppb   |
| Molybdenum | 97-1  | 5.03    | 4.88    | 4.81    | 4.91       | 2.32    | ppb   |
| Molybdenum | 98-1  | 5.02    | 5.10    | 4.95    | 5.02       | 1.53    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 188.68  | 189.20  | 190.62  | 189.50     | 0.53    | ppb   |
| Phosphorus | 31-2  | 3879.71 | 3799.49 | 3823.60 | 3834.27    | 1.07    | ppb   |
| Potassium  | 39-2  | 4772.69 | 4741.26 | 4719.16 | 4744.37    | 0.57    | ppb   |
| Rhodium    | 103-1 |         |         |         | 94         |         | %     |
| Rhodium    | 103-2 |         |         |         | 89         |         | %     |
| Scandium   | 45-1  |         |         |         | 108        |         | %     |
| Scandium   | 45-2  |         |         |         | 103        |         | %     |
| Selenium   | 77-2  | 54.49   | 55.25   | 57.14   | 55.63      | 2.45    | ppb   |
| Selenium   | 78-2  | 13.49   | 13.15   | 11.88   | 12.84      | 6.63    | ppb   |
| Selenium   | 82-1  | 3.70    | 3.40    | 3.07    | 3.39       | 9.25    | ppb   |
| Silicon    | 28-1  | 5754.01 | 5683.47 | 5698.26 | 5711.91    | 0.65    | ppb   |
| Silver     | 109-1 | 0.48    | 0.48    | 0.50    | 0.48       | 1.97    | ppb   |
| Silver     | 107-1 | 0.61    | 0.55    | 0.49    | 0.55       | 10.96   | ppb   |
| Sodium     | 23-2  | 792.28  | 796.04  | 797.09  | 795.14     | 0.32    | ppb   |
| Strontium  | 86-1  | 85.12   | 84.15   | 83.67   | 84.31      | 0.88    | ppb   |
| Strontium  | 88-1  | 85.37   | 84.76   | 84.19   | 84.77      | 0.70    | ppb   |
| Sulfur     | 34-1  | 1268.09 | 1090.59 | 1120.26 | 1159.65    | 8.20    | ppb   |
| Terbium    | 159-1 |         |         |         | 107        |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 1.08    | 1.03    | 0.97    | 1.03       | 5.06    | ppb   |
| Thallium   | 205-1 | 1.10    | 1.04    | 1.05    | 1.06       | 3.38    | ppb   |
| Thorium    | 232-1 | 29.82   | 29.39   | 29.20   | 29.47      | 1.07    | ppb   |
| Tin        | 118-1 | 2.23    | 2.17    | 2.10    | 2.17       | 3.05    | ppb   |
| Titanium   | 47-1  | 176.38  | 172.73  | 174.27  | 174.46     | 1.05    | ppb   |
| Uranium    | 238-1 | 3.52    | 3.49    | 3.53    | 3.51       | 0.68    | ppb   |
| Vanadium   | 51-2  | 171.69  | 172.30  | 173.54  | 172.51     | 0.54    | ppb   |
| Yttrium    | 89-1  |         |         |         | 133        |         | %     |
| Yttrium    | 89-2  |         |         |         | 126        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-0612-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 13:40:54 | DataFile Name :   | 029SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 797.36  | 799.20  | 801.93  | 799.50     | 0.29    | ppb   |
| Zirconium | 90-1 | 24.17   | 23.77   | 23.96   | 23.97      | 0.82    | ppb   |
| Zirconium | 91-1 | 24.73   | 24.11   | 24.59   | 24.48      | 1.32    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100071            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV25               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV25               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-12-27 13:47:55 | DataFile Name :   | 030CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 53366.80  | 52916.31  | 52892.24  | 53058.45   | 0.50    | ppb   |
| Antimony   | 121-1 | 481.87    | 488.21    | 488.03    | 486.04     | 0.74    | ppb   |
| Arsenic    | 75-2  | 487.93    | 485.78    | 492.66    | 488.79     | 0.72    | ppb   |
| Barium     | 135-1 | 2529.79   | 2544.00   | 2552.31   | 2542.03    | 0.45    | ppb   |
| Barium     | 137-1 | 2533.54   | 2569.02   | 2586.74   | 2563.10    | 1.06    | ppb   |
| Beryllium  | 9-1   | 503.91    | 511.16    | 511.03    | 508.70     | 0.82    | ppb   |
| Bismuth    | 209-1 |           |           |           | 95         |         | %     |
| Bismuth    | 209-2 |           |           |           | 85         |         | %     |
| Boron      | 10-1  | 488.43    | 497.89    | 515.88    | 500.73     | 2.79    | ppb   |
| Boron      | 11-1  | 492.57    | 502.29    | 511.84    | 502.23     | 1.92    | ppb   |
| Cadmium    | 111-1 | 472.11    | 478.62    | 480.54    | 477.09     | 0.93    | ppb   |
| Cadmium    | 106-1 | 487.44    | 498.18    | 496.66    | 494.09     | 1.18    | ppb   |
| Cadmium    | 108-1 | 484.79    | 497.11    | 496.09    | 492.66     | 1.39    | ppb   |
| Calcium    | 43-1  | 245033.63 | 249282.14 | 251239.66 | 248518.47  | 1.28    | ppb   |
| Calcium    | 44-1  | 245940.51 | 249049.80 | 250496.82 | 248495.71  | 0.94    | ppb   |
| Chromium   | 52-2  | 507.09    | 505.25    | 507.99    | 506.78     | 0.28    | ppb   |
| Cobalt     | 59-2  | 496.76    | 494.18    | 499.10    | 496.68     | 0.49    | ppb   |
| Copper     | 63-2  | 1025.10   | 1018.05   | 1029.76   | 1024.30    | 0.58    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 107        |         | %     |
| Holmium    | 165-2 |           |           |           | 97         |         | %     |
| Indium     | 115-1 |           |           |           | 93         |         | %     |
| Indium     | 115-2 |           |           |           | 86         |         | %     |
| Iron       | 56-2  | 129627.14 | 129472.28 | 130398.46 | 129832.63  | 0.38    | ppb   |
| Iron       | 57-2  | 130268.68 | 129909.41 | 130922.83 | 130366.97  | 0.39    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 504.56    | 513.57    | 515.97    | 511.36     | 1.18    | ppb   |
| Lead       | 207-1 | 507.76    | 519.34    | 515.16    | 514.08     | 1.14    | ppb   |
| Lead       | 208-1 | 508.37    | 517.33    | 517.81    | 514.50     | 1.03    | ppb   |
| Lithium    | 6-1   |           |           |           | 95         |         | %     |
| Magnesium  | 24-2  | 254623.40 | 253401.79 | 254457.07 | 254160.75  | 0.26    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100071            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV25               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV25               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-12-27 13:47:55 | DataFile Name :   | 030CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 993.28    | 998.30    | 1004.71   | 998.76     | 0.57    | ppb   |
| Molybdenum | 94-1  | 2515.10   | 2556.78   | 2588.61   | 2553.49    | 1.44    | ppb   |
| Molybdenum | 95-1  | 2526.13   | 2555.20   | 2591.96   | 2557.77    | 1.29    | ppb   |
| Molybdenum | 96-1  | 2523.58   | 2544.19   | 2600.18   | 2555.98    | 1.55    | ppb   |
| Molybdenum | 97-1  | 2519.19   | 2530.20   | 2596.74   | 2548.71    | 1.65    | ppb   |
| Molybdenum | 98-1  | 2525.48   | 2533.84   | 2595.53   | 2551.61    | 1.50    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 490.11    | 485.25    | 492.36    | 489.24     | 0.74    | ppb   |
| Phosphorus | 31-2  | 10368.71  | 9786.90   | 10065.85  | 10073.82   | 2.89    | ppb   |
| Potassium  | 39-2  | 127080.69 | 126488.56 | 127584.60 | 127051.28  | 0.43    | ppb   |
| Rhodium    | 103-1 |           |           |           | 87         |         | %     |
| Rhodium    | 103-2 |           |           |           | 82         |         | %     |
| Scandium   | 45-1  |           |           |           | 96         |         | %     |
| Scandium   | 45-2  |           |           |           | 92         |         | %     |
| Selenium   | 77-2  | 510.07    | 509.47    | 503.75    | 507.76     | 0.69    | ppb   |
| Selenium   | 78-2  | 521.90    | 519.81    | 520.53    | 520.75     | 0.20    | ppb   |
| Selenium   | 82-1  | 499.09    | 499.79    | 507.15    | 502.01     | 0.89    | ppb   |
| Silicon    | 28-1  | 540.02    | 564.26    | 577.94    | 560.74     | 3.42    | ppb   |
| Silver     | 109-1 | 473.91    | 478.70    | 483.66    | 478.76     | 1.02    | ppb   |
| Silver     | 107-1 | 474.04    | 478.62    | 480.54    | 477.73     | 0.70    | ppb   |
| Sodium     | 23-2  | 251489.08 | 251332.34 | 252255.85 | 251692.42  | 0.20    | ppb   |
| Strontium  | 86-1  | 498.52    | 505.97    | 515.73    | 506.74     | 1.70    | ppb   |
| Strontium  | 88-1  | 498.36    | 509.38    | 512.13    | 506.62     | 1.44    | ppb   |
| Sulfur     | 34-1  | 10241.87  | 10427.68  | 10581.05  | 10416.87   | 1.63    | ppb   |
| Terbium    | 159-1 |           |           |           | 104        |         | %     |
| Terbium    | 159-2 |           |           |           | 96         |         | %     |
| Thallium   | 203-1 | 508.97    | 511.38    | 513.62    | 511.32     | 0.45    | ppb   |
| Thallium   | 205-1 | 515.34    | 524.87    | 527.69    | 522.63     | 1.24    | ppb   |
| Thorium    | 232-1 | 517.12    | 527.87    | 526.66    | 523.89     | 1.12    | ppb   |
| Tin        | 118-1 | 490.12    | 494.65    | 494.65    | 493.14     | 0.53    | ppb   |
| Titanium   | 47-1  | 2492.82   | 2562.28   | 2580.35   | 2545.15    | 1.82    | ppb   |
| Uranium    | 238-1 | 508.32    | 523.86    | 523.19    | 518.46     | 1.69    | ppb   |
| Vanadium   | 51-2  | 510.23    | 510.25    | 512.03    | 510.84     | 0.20    | ppb   |
| Yttrium    | 89-1  |           |           |           | 97         |         | %     |
| Yttrium    | 89-2  |           |           |           | 90         |         | %     |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100071            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV25               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV25               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-12-27 13:47:55 | DataFile Name :   | 030CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 1043.04 | 1046.15 | 1060.45 | 1049.88    | 0.88    | ppb   |
| Zirconium | 90-1 | 499.52  | 510.43  | 518.89  | 509.61     | 1.91    | ppb   |
| Zirconium | 91-1 | 498.42  | 512.54  | 517.11  | 509.36     | 1.91    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : CCB25 Instrumnet Name : P7  
 Client Sample ID : CCB25 Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 13:53:29 DataFile Name : 031CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.04    | 5.11    | 5.91    | 5.35       | 9.01    | ppb   |
| Antimony   | 121-1 | 0.13    | 0.11    | 0.11    | 0.12       | 7.63    | ppb   |
| Arsenic    | 75-2  | 0.08    | 0.10    | 0.11    | 0.09       | 13.99   | ppb   |
| Barium     | 135-1 | 0.21    | 0.31    | 0.23    | 0.25       | 21.42   | ppb   |
| Barium     | 137-1 | 0.22    | 0.26    | 0.22    | 0.23       | 11.17   | ppb   |
| Beryllium  | 9-1   | 0.10    | 0.11    | 0.07    | 0.09       | 22.79   | ppb   |
| Bismuth    | 209-1 |         |         |         | 114        |         | %     |
| Bismuth    | 209-2 |         |         |         | 100        |         | %     |
| Boron      | 10-1  | 8.70    | 8.39    | 8.08    | 8.39       | 3.70    | ppb   |
| Boron      | 11-1  | 8.92    | 8.97    | 7.88    | 8.59       | 7.15    | ppb   |
| Cadmium    | 111-1 | -0.11   | -0.17   | -0.13   | -0.14      |         | ppb   |
| Cadmium    | 106-1 | -2.18   | -2.87   | -2.27   | -2.44      |         | ppb   |
| Cadmium    | 108-1 | -0.06   | 0.01    | 0.02    | -0.01      |         | ppb   |
| Calcium    | 43-1  | 13.39   | 16.47   | 17.66   | 15.84      | 13.92   | ppb   |
| Calcium    | 44-1  | 14.23   | 15.48   | 14.55   | 14.75      | 4.38    | ppb   |
| Chromium   | 52-2  | 0.05    | 0.02    | 0.00    | 0.02       | 127.97  | ppb   |
| Cobalt     | 59-2  | 0.04    | 0.03    | 0.03    | 0.03       | 15.68   | ppb   |
| Copper     | 63-2  | 0.10    | 0.13    | 0.10    | 0.11       | 13.84   | 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 |         |         |         | 112        |         | %     |
| Holmium    | 165-2 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 108        |         | %     |
| Indium     | 115-2 |         |         |         | 98         |         | %     |
| Iron       | 56-2  | 13.22   | 14.26   | 14.53   | 14.00      | 4.97    | ppb   |
| Iron       | 57-2  | 15.96   | 15.23   | 15.77   | 15.65      | 2.40    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.17    | 0.19    | 0.17    | 0.18       | 7.22    | ppb   |
| Lead       | 207-1 | 0.19    | 0.17    | 0.18    | 0.18       | 5.66    | ppb   |
| Lead       | 208-1 | 0.19    | 0.18    | 0.17    | 0.18       | 5.41    | ppb   |
| Lithium    | 6-1   |         |         |         | 107        |         | %     |
| Magnesium  | 24-2  | 21.31   | 21.72   | 22.72   | 21.92      | 3.31    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : CCB25 Instrumnet Name : P7  
 Client Sample ID : CCB25 Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 13:53:29 DataFile Name : 031CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.17    | 0.15    | 0.19    | 0.17       | 11.78   | ppb   |
| Molybdenum | 94-1  | 0.38    | 0.38    | 0.27    | 0.34       | 18.46   | ppb   |
| Molybdenum | 95-1  | 0.43    | 0.37    | 0.31    | 0.37       | 15.79   | ppb   |
| Molybdenum | 96-1  | 0.37    | 0.36    | 0.32    | 0.35       | 6.88    | ppb   |
| Molybdenum | 97-1  | 0.42    | 0.35    | 0.40    | 0.39       | 8.93    | ppb   |
| Molybdenum | 98-1  | 0.41    | 0.38    | 0.33    | 0.37       | 11.15   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.07    | 0.07    | 0.04    | 0.06       | 22.87   | ppb   |
| Phosphorus | 31-2  | -43.68  | -34.56  | -28.35  | -35.53     |         | ppb   |
| Potassium  | 39-2  | 13.37   | 6.56    | 14.06   | 11.33      | 36.60   | ppb   |
| Rhodium    | 103-1 |         |         |         | 107        |         | %     |
| Rhodium    | 103-2 |         |         |         | 97         |         | %     |
| Scandium   | 45-1  |         |         |         | 106        |         | %     |
| Scandium   | 45-2  |         |         |         | 98         |         | %     |
| Selenium   | 77-2  | 0.00    | 0.42    | 0.00    | 0.14       | 173.21  | ppb   |
| Selenium   | 78-2  | -0.19   | 0.51    | 0.35    | 0.22       | 164.10  | ppb   |
| Selenium   | 82-1  | 0.22    | 0.19    | -0.07   | 0.11       | 143.11  | ppb   |
| Silicon    | 28-1  | -1.60   | -1.97   | -3.99   | -2.52      |         | ppb   |
| Silver     | 109-1 | 0.05    | 0.05    | 0.05    | 0.05       | 7.13    | ppb   |
| Silver     | 107-1 | 0.03    | 0.05    | 0.04    | 0.04       | 20.42   | ppb   |
| Sodium     | 23-2  | 27.58   | 26.82   | 27.71   | 27.37      | 1.75    | ppb   |
| Strontium  | 86-1  | 0.06    | 0.00    | 0.01    | 0.02       | 135.28  | ppb   |
| Strontium  | 88-1  | 0.03    | 0.03    | 0.03    | 0.03       | 1.15    | ppb   |
| Sulfur     | 34-1  | 14.90   | 42.22   | -353.51 | -98.80     |         | ppb   |
| Terbium    | 159-1 |         |         |         | 111        |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 0.10    | 0.11    | 0.11    | 0.11       | 5.65    | ppb   |
| Thallium   | 205-1 | 0.11    | 0.10    | 0.10    | 0.11       | 6.62    | ppb   |
| Thorium    | 232-1 | 0.05    | 0.05    | 0.04    | 0.05       | 4.19    | ppb   |
| Tin        | 118-1 | 0.07    | 0.08    | 0.08    | 0.07       | 7.68    | ppb   |
| Titanium   | 47-1  | 0.19    | 0.21    | 0.18    | 0.19       | 9.12    | ppb   |
| Uranium    | 238-1 | 0.04    | 0.03    | 0.03    | 0.03       | 16.21   | ppb   |
| Vanadium   | 51-2  | 0.03    | 0.03    | 0.05    | 0.04       | 24.31   | ppb   |
| Yttrium    | 89-1  |         |         |         | 108        |         | %     |
| Yttrium    | 89-2  |         |         |         | 98         |         | %     |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB25               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB25               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 13:53:29 | DataFile Name :   | 031CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 0.15    | 0.14    | 0.08    | 0.12       | 31.67   | ppb   |
| Zirconium | 90-1 | 0.04    | 0.06    | 0.04    | 0.05       | 16.94   | ppb   |
| Zirconium | 91-1 | 0.04    | 0.06    | 0.03    | 0.04       | 40.26   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-1218-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 13:57:20 | DataFile Name :   | 032SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 120416.22 | 120402.59 | 119220.11 | 120012.97  | 0.57    | ppb   |
| Antimony   | 121-1 | 0.42      | 0.41      | 0.42      | 0.42       | 0.67    | ppb   |
| Arsenic    | 75-2  | 39.02     | 37.78     | 37.85     | 38.22      | 1.83    | ppb   |
| Barium     | 135-1 | 1847.90   | 1846.18   | 1829.90   | 1841.33    | 0.54    | ppb   |
| Barium     | 137-1 | 1873.15   | 1860.62   | 1853.15   | 1862.31    | 0.54    | ppb   |
| Beryllium  | 9-1   | 6.41      | 6.25      | 6.46      | 6.37       | 1.71    | ppb   |
| Bismuth    | 209-1 |           |           |           | 99         |         | %     |
| Bismuth    | 209-2 |           |           |           | 92         |         | %     |
| Boron      | 10-1  | 17.95     | 18.27     | 16.91     | 17.71      | 4.03    | ppb   |
| Boron      | 11-1  | 16.98     | 16.90     | 16.92     | 16.93      | 0.24    | ppb   |
| Cadmium    | 111-1 | 1.71      | 1.61      | 1.61      | 1.64       | 3.35    | ppb   |
| Cadmium    | 106-1 | 7.98      | 7.62      | 6.27      | 7.29       | 12.37   | ppb   |
| Cadmium    | 108-1 | 3.88      | 4.17      | 3.71      | 3.92       | 5.97    | ppb   |
| Calcium    | 43-1  | 16049.63  | 16146.37  | 16220.76  | 16138.92   | 0.53    | ppb   |
| Calcium    | 44-1  | 16172.86  | 16257.47  | 16344.78  | 16258.37   | 0.53    | ppb   |
| Chromium   | 52-2  | 138.85    | 139.36    | 137.19    | 138.47     | 0.82    | ppb   |
| Cobalt     | 59-2  | 84.63     | 85.00     | 82.93     | 84.19      | 1.31    | ppb   |
| Copper     | 63-2  | 204.96    | 205.15    | 201.94    | 204.02     | 0.88    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 107        |         | %     |
| Holmium    | 165-2 |           |           |           | 100        |         | %     |
| Indium     | 115-1 |           |           |           | 97         |         | %     |
| Indium     | 115-2 |           |           |           | 93         |         | %     |
| Iron       | 56-2  | 221912.92 | 220953.14 | 218440.58 | 220435.55  | 0.81    | ppb   |
| Iron       | 57-2  | 220776.74 | 220046.48 | 217583.08 | 219468.76  | 0.76    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 2044.01   | 2021.47   | 2045.91   | 2037.13    | 0.67    | ppb   |
| Lead       | 207-1 | 1856.59   | 1828.57   | 1858.04   | 1847.73    | 0.90    | ppb   |
| Lead       | 208-1 | 1917.40   | 1903.76   | 1923.19   | 1914.78    | 0.52    | ppb   |
| Lithium    | 6-1   |           |           |           | 103        |         | %     |
| Magnesium  | 24-2  | 40131.36  | 40075.93  | 39718.60  | 39975.30   | 0.56    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-1218-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 13:57:20 | DataFile Name :   | 032SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 6703.27 | 6662.83 | 6591.11 | 6652.40    | 0.85    | ppb   |
| Molybdenum | 94-1  | 27.76   | 28.07   | 27.71   | 27.84      | 0.71    | ppb   |
| Molybdenum | 95-1  | 4.42    | 4.47    | 4.42    | 4.44       | 0.67    | ppb   |
| Molybdenum | 96-1  | 8.87    | 8.68    | 8.70    | 8.75       | 1.16    | ppb   |
| Molybdenum | 97-1  | 4.34    | 4.48    | 4.10    | 4.31       | 4.51    | ppb   |
| Molybdenum | 98-1  | 4.32    | 4.19    | 4.24    | 4.25       | 1.60    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 169.37  | 170.92  | 168.08  | 169.46     | 0.84    | ppb   |
| Phosphorus | 31-2  | 3812.02 | 3885.41 | 3788.29 | 3828.57    | 1.32    | ppb   |
| Potassium  | 39-2  | 4255.36 | 4239.95 | 4158.76 | 4218.02    | 1.23    | ppb   |
| Rhodium    | 103-1 |         |         |         | 94         |         | %     |
| Rhodium    | 103-2 |         |         |         | 90         |         | %     |
| Scandium   | 45-1  |         |         |         | 108        |         | %     |
| Scandium   | 45-2  |         |         |         | 104        |         | %     |
| Selenium   | 77-2  | 56.32   | 56.38   | 58.53   | 57.08      | 2.21    | ppb   |
| Selenium   | 78-2  | 13.12   | 11.99   | 12.43   | 12.51      | 4.55    | ppb   |
| Selenium   | 82-1  | 3.99    | 3.75    | 3.77    | 3.83       | 3.45    | ppb   |
| Silicon    | 28-1  | 7183.06 | 7268.48 | 7292.83 | 7248.12    | 0.80    | ppb   |
| Silver     | 109-1 | 0.84    | 0.83    | 0.84    | 0.83       | 1.11    | ppb   |
| Silver     | 107-1 | 0.85    | 0.85    | 0.83    | 0.85       | 1.19    | ppb   |
| Sodium     | 23-2  | 757.49  | 757.48  | 757.34  | 757.43     | 0.01    | ppb   |
| Strontium  | 86-1  | 93.12   | 93.42   | 93.24   | 93.26      | 0.16    | ppb   |
| Strontium  | 88-1  | 92.65   | 93.04   | 92.46   | 92.72      | 0.32    | ppb   |
| Sulfur     | 34-1  | 1941.76 | 1803.31 | 1735.26 | 1826.78    | 5.76    | ppb   |
| Terbium    | 159-1 |         |         |         | 105        |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 1.14    | 0.94    | 1.03    | 1.03       | 9.74    | ppb   |
| Thallium   | 205-1 | 1.07    | 1.05    | 1.06    | 1.06       | 0.81    | ppb   |
| Thorium    | 232-1 | 24.41   | 23.88   | 24.06   | 24.11      | 1.12    | ppb   |
| Tin        | 118-1 | 2.25    | 2.20    | 2.21    | 2.22       | 1.11    | ppb   |
| Titanium   | 47-1  | 195.94  | 194.09  | 194.92  | 194.98     | 0.48    | ppb   |
| Uranium    | 238-1 | 3.21    | 3.18    | 3.21    | 3.20       | 0.55    | ppb   |
| Vanadium   | 51-2  | 165.18  | 164.07  | 163.11  | 164.12     | 0.63    | ppb   |
| Yttrium    | 89-1  |         |         |         | 133        |         | %     |
| Yttrium    | 89-2  |         |         |         | 127        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-1218-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 13:57:20 | DataFile Name :   | 032SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 634.39  | 629.38  | 622.65  | 628.81     | 0.94    | ppb   |
| Zirconium | 90-1 | 16.08   | 15.68   | 15.77   | 15.84      | 1.33    | ppb   |
| Zirconium | 91-1 | 16.59   | 16.21   | 15.74   | 16.18      | 2.66    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-1824-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:00:56 | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 130593.30 | 129552.52 | 129336.76 | 129827.53  | 0.52    | ppb   |
| Antimony   | 121-1 | 0.20      | 0.21      | 0.20      | 0.21       | 1.67    | ppb   |
| Arsenic    | 75-2  | 38.84     | 38.60     | 38.66     | 38.70      | 0.33    | ppb   |
| Barium     | 135-1 | 1410.22   | 1398.20   | 1408.93   | 1405.78    | 0.47    | ppb   |
| Barium     | 137-1 | 1421.84   | 1409.54   | 1416.16   | 1415.85    | 0.43    | ppb   |
| Beryllium  | 9-1   | 6.10      | 5.81      | 6.07      | 6.00       | 2.65    | ppb   |
| Bismuth    | 209-1 |           |           |           | 98         |         | %     |
| Bismuth    | 209-2 |           |           |           | 90         |         | %     |
| Boron      | 10-1  | 11.00     | 10.74     | 10.80     | 10.85      | 1.26    | ppb   |
| Boron      | 11-1  | 11.53     | 11.21     | 11.28     | 11.34      | 1.47    | ppb   |
| Cadmium    | 111-1 | 1.05      | 1.30      | 1.14      | 1.16       | 10.93   | ppb   |
| Cadmium    | 106-1 | 5.88      | 6.87      | 5.71      | 6.15       | 10.20   | ppb   |
| Cadmium    | 108-1 | 3.59      | 3.39      | 3.80      | 3.59       | 5.71    | ppb   |
| Calcium    | 43-1  | 7404.95   | 7414.96   | 7376.73   | 7398.88    | 0.27    | ppb   |
| Calcium    | 44-1  | 7420.67   | 7454.66   | 7481.43   | 7452.25    | 0.41    | ppb   |
| Chromium   | 52-2  | 139.16    | 139.32    | 139.01    | 139.16     | 0.11    | ppb   |
| Cobalt     | 59-2  | 106.61    | 105.98    | 107.15    | 106.58     | 0.55    | ppb   |
| Copper     | 63-2  | 165.14    | 165.80    | 164.81    | 165.25     | 0.31    | 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 |           |           |           | 96         |         | %     |
| Indium     | 115-2 |           |           |           | 91         |         | %     |
| Iron       | 56-2  | 243930.89 | 241101.67 | 239942.98 | 241658.51  | 0.85    | ppb   |
| Iron       | 57-2  | 242907.73 | 240001.33 | 241984.32 | 241631.13  | 0.61    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 628.06    | 624.18    | 624.22    | 625.49     | 0.36    | ppb   |
| Lead       | 207-1 | 566.85    | 569.63    | 568.11    | 568.20     | 0.25    | ppb   |
| Lead       | 208-1 | 596.79    | 596.80    | 595.27    | 596.29     | 0.15    | ppb   |
| Lithium    | 6-1   |           |           |           | 102        |         | %     |
| Magnesium  | 24-2  | 42621.46  | 42317.40  | 42057.56  | 42332.14   | 0.67    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-1824-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:00:56 | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 5869.93 | 5809.46 | 5805.78 | 5828.39    | 0.62    | ppb   |
| Molybdenum | 94-1  | 31.93   | 31.33   | 31.54   | 31.60      | 0.97    | ppb   |
| Molybdenum | 95-1  | 3.41    | 3.31    | 3.30    | 3.34       | 1.90    | ppb   |
| Molybdenum | 96-1  | 8.73    | 8.65    | 8.76    | 8.71       | 0.62    | ppb   |
| Molybdenum | 97-1  | 3.24    | 3.14    | 3.28    | 3.22       | 2.24    | ppb   |
| Molybdenum | 98-1  | 3.16    | 3.24    | 3.17    | 3.19       | 1.36    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 185.99  | 186.58  | 185.97  | 186.18     | 0.19    | ppb   |
| Phosphorus | 31-2  | 3520.78 | 3369.59 | 3263.98 | 3384.78    | 3.81    | ppb   |
| Potassium  | 39-2  | 3559.07 | 3510.97 | 3539.13 | 3536.39    | 0.68    | ppb   |
| Rhodium    | 103-1 |         |         |         | 93         |         | %     |
| Rhodium    | 103-2 |         |         |         | 88         |         | %     |
| Scandium   | 45-1  |         |         |         | 104        |         | %     |
| Scandium   | 45-2  |         |         |         | 101        |         | %     |
| Selenium   | 77-2  | 41.01   | 39.17   | 37.75   | 39.31      | 4.16    | ppb   |
| Selenium   | 78-2  | 8.71    | 7.69    | 9.35    | 8.58       | 9.75    | ppb   |
| Selenium   | 82-1  | 2.19    | 2.84    | 2.78    | 2.60       | 13.88   | ppb   |
| Silicon    | 28-1  | 6941.59 | 6976.96 | 6981.20 | 6966.59    | 0.31    | ppb   |
| Silver     | 109-1 | 0.44    | 0.45    | 0.43    | 0.44       | 2.92    | ppb   |
| Silver     | 107-1 | 0.49    | 0.50    | 0.42    | 0.47       | 10.26   | ppb   |
| Sodium     | 23-2  | 823.82  | 820.57  | 825.25  | 823.21     | 0.29    | ppb   |
| Strontium  | 86-1  | 48.81   | 48.60   | 49.39   | 48.93      | 0.83    | ppb   |
| Strontium  | 88-1  | 48.73   | 48.34   | 48.80   | 48.62      | 0.51    | ppb   |
| Sulfur     | 34-1  | 243.09  | 228.13  | 201.45  | 224.22     | 9.41    | ppb   |
| Terbium    | 159-1 |         |         |         | 104        |         | %     |
| Terbium    | 159-2 |         |         |         | 97         |         | %     |
| Thallium   | 203-1 | 0.97    | 0.91    | 0.94    | 0.94       | 3.27    | ppb   |
| Thallium   | 205-1 | 0.95    | 1.02    | 0.93    | 0.97       | 4.59    | ppb   |
| Thorium    | 232-1 | 23.69   | 23.21   | 23.29   | 23.40      | 1.11    | ppb   |
| Tin        | 118-1 | 1.13    | 1.06    | 1.09    | 1.09       | 3.31    | ppb   |
| Titanium   | 47-1  | 175.50  | 174.77  | 175.22  | 175.16     | 0.21    | ppb   |
| Uranium    | 238-1 | 2.66    | 2.61    | 2.61    | 2.63       | 1.08    | ppb   |
| Vanadium   | 51-2  | 157.67  | 157.09  | 156.83  | 157.20     | 0.27    | ppb   |
| Yttrium    | 89-1  |         |         |         | 121        |         | %     |
| Yttrium    | 89-2  |         |         |         | 115        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-1824-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:00:56 | DataFile Name :   | 033SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 592.19  | 589.47  | 585.93  | 589.19     | 0.53    | ppb   |
| Zirconium | 90-1 | 19.20   | 18.87   | 18.96   | 19.01      | 0.89    | ppb   |
| Zirconium | 91-1 | 19.29   | 18.54   | 19.48   | 19.10      | 2.59    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-05            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS013-0006-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:04:32 | DataFile Name :   | 034SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 92882.45  | 93327.78  | 93944.26  | 93384.83   | 0.57    | ppb   |
| Antimony   | 121-1 | 0.48      | 0.49      | 0.56      | 0.51       | 7.94    | ppb   |
| Arsenic    | 75-2  | 41.54     | 40.53     | 42.19     | 41.42      | 2.03    | ppb   |
| Barium     | 135-1 | 1668.41   | 1664.77   | 1655.37   | 1662.85    | 0.40    | ppb   |
| Barium     | 137-1 | 1673.68   | 1670.40   | 1658.41   | 1667.50    | 0.48    | ppb   |
| Beryllium  | 9-1   | 5.22      | 5.18      | 5.00      | 5.14       | 2.28    | ppb   |
| Bismuth    | 209-1 |           |           |           | 99         |         | %     |
| Bismuth    | 209-2 |           |           |           | 91         |         | %     |
| Boron      | 10-1  | 17.46     | 17.43     | 16.87     | 17.25      | 1.92    | ppb   |
| Boron      | 11-1  | 16.94     | 17.06     | 16.84     | 16.95      | 0.65    | ppb   |
| Cadmium    | 111-1 | 3.74      | 3.52      | 3.39      | 3.55       | 4.99    | ppb   |
| Cadmium    | 106-1 | 10.20     | 8.62      | 7.98      | 8.93       | 12.76   | ppb   |
| Cadmium    | 108-1 | 5.11      | 4.96      | 5.70      | 5.25       | 7.52    | ppb   |
| Calcium    | 43-1  | 30914.15  | 30865.26  | 30219.10  | 30666.17   | 1.27    | ppb   |
| Calcium    | 44-1  | 30945.29  | 30952.40  | 30552.26  | 30816.65   | 0.74    | ppb   |
| Chromium   | 52-2  | 107.68    | 106.92    | 109.49    | 108.03     | 1.23    | ppb   |
| Cobalt     | 59-2  | 70.26     | 69.77     | 71.03     | 70.35      | 0.90    | ppb   |
| Copper     | 63-2  | 243.93    | 243.90    | 249.46    | 245.76     | 1.30    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 106        |         | %     |
| Holmium    | 165-2 |           |           |           | 99         |         | %     |
| Indium     | 115-1 |           |           |           | 98         |         | %     |
| Indium     | 115-2 |           |           |           | 92         |         | %     |
| Iron       | 56-2  | 182347.38 | 180130.38 | 185277.24 | 182585.00  | 1.41    | ppb   |
| Iron       | 57-2  | 181095.01 | 181841.14 | 185484.77 | 182806.97  | 1.28    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 791.23    | 795.64    | 782.22    | 789.70     | 0.87    | ppb   |
| Lead       | 207-1 | 734.69    | 731.35    | 726.70    | 730.91     | 0.55    | ppb   |
| Lead       | 208-1 | 765.92    | 761.40    | 756.00    | 761.11     | 0.65    | ppb   |
| Lithium    | 6-1   |           |           |           | 101        |         | %     |
| Magnesium  | 24-2  | 31759.77  | 31508.72  | 32143.90  | 31804.13   | 1.01    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-05            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS013-0006-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:04:32 | DataFile Name :   | 034SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 8974.51 | 8924.07 | 9154.57 | 9017.72    | 1.34    | ppb   |
| Molybdenum | 94-1  | 29.05   | 28.27   | 28.19   | 28.50      | 1.66    | ppb   |
| Molybdenum | 95-1  | 4.47    | 4.45    | 4.40    | 4.44       | 0.75    | ppb   |
| Molybdenum | 96-1  | 8.90    | 8.90    | 8.49    | 8.76       | 2.71    | ppb   |
| Molybdenum | 97-1  | 4.51    | 4.41    | 4.48    | 4.47       | 1.10    | ppb   |
| Molybdenum | 98-1  | 4.42    | 4.48    | 4.38    | 4.43       | 1.07    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 143.58  | 143.72  | 146.75  | 144.68     | 1.24    | ppb   |
| Phosphorus | 31-2  | 4819.66 | 4803.22 | 4980.61 | 4867.83    | 2.01    | ppb   |
| Potassium  | 39-2  | 4564.85 | 4585.19 | 4697.08 | 4615.71    | 1.54    | ppb   |
| Rhodium    | 103-1 |         |         |         | 95         |         | %     |
| Rhodium    | 103-2 |         |         |         | 90         |         | %     |
| Scandium   | 45-1  |         |         |         | 107        |         | %     |
| Scandium   | 45-2  |         |         |         | 101        |         | %     |
| Selenium   | 77-2  | 44.54   | 45.30   | 48.05   | 45.96      | 4.01    | ppb   |
| Selenium   | 78-2  | 12.40   | 12.25   | 11.29   | 11.98      | 5.06    | ppb   |
| Selenium   | 82-1  | 3.67    | 4.06    | 3.78    | 3.84       | 5.33    | ppb   |
| Silicon    | 28-1  | 6595.91 | 6637.56 | 6572.02 | 6601.83    | 0.50    | ppb   |
| Silver     | 109-1 | 0.50    | 0.45    | 0.47    | 0.47       | 4.74    | ppb   |
| Silver     | 107-1 | 0.49    | 0.44    | 0.49    | 0.48       | 6.25    | ppb   |
| Sodium     | 23-2  | 626.26  | 613.43  | 632.98  | 624.22     | 1.59    | ppb   |
| Strontium  | 86-1  | 116.23  | 114.34  | 113.53  | 114.70     | 1.21    | ppb   |
| Strontium  | 88-1  | 115.65  | 114.54  | 113.08  | 114.42     | 1.13    | ppb   |
| Sulfur     | 34-1  | 4057.90 | 3978.75 | 3842.79 | 3959.82    | 2.75    | ppb   |
| Terbium    | 159-1 |         |         |         | 105        |         | %     |
| Terbium    | 159-2 |         |         |         | 99         |         | %     |
| Thallium   | 203-1 | 0.62    | 0.62    | 0.62    | 0.62       | 0.46    | ppb   |
| Thallium   | 205-1 | 0.62    | 0.66    | 0.65    | 0.64       | 3.57    | ppb   |
| Thorium    | 232-1 | 17.79   | 17.89   | 17.52   | 17.74      | 1.08    | ppb   |
| Tin        | 118-1 | 3.18    | 3.30    | 3.19    | 3.23       | 2.11    | ppb   |
| Titanium   | 47-1  | 195.23  | 194.78  | 191.12  | 193.71     | 1.16    | ppb   |
| Uranium    | 238-1 | 3.17    | 3.11    | 3.09    | 3.12       | 1.25    | ppb   |
| Vanadium   | 51-2  | 129.36  | 129.01  | 130.67  | 129.68     | 0.68    | ppb   |
| Yttrium    | 89-1  |         |         |         | 127        |         | %     |
| Yttrium    | 89-2  |         |         |         | 120        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-05            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS013-0006-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:04:32 | DataFile Name :   | 034SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 567.76  | 561.78  | 575.21  | 568.25     | 1.18    | ppb   |
| Zirconium | 90-1 | 16.48   | 16.26   | 16.05   | 16.26      | 1.31    | ppb   |
| Zirconium | 91-1 | 16.70   | 16.56   | 16.45   | 16.57      | 0.76    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-06            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS013-0612-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:08:08 | DataFile Name :   | 035SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 122107.67 | 120473.28 | 129308.66 | 123963.20  | 3.79    | ppb   |
| Antimony   | 121-1 | 0.44      | 0.37      | 0.37      | 0.39       | 10.32   | ppb   |
| Arsenic    | 75-2  | 57.06     | 57.08     | 59.59     | 57.91      | 2.52    | ppb   |
| Barium     | 135-1 | 1751.68   | 1748.13   | 1750.11   | 1749.97    | 0.10    | ppb   |
| Barium     | 137-1 | 1768.71   | 1752.85   | 1762.98   | 1761.51    | 0.46    | ppb   |
| Beryllium  | 9-1   | 6.44      | 6.72      | 6.44      | 6.54       | 2.47    | ppb   |
| Bismuth    | 209-1 |           |           |           | 98         |         | %     |
| Bismuth    | 209-2 |           |           |           | 88         |         | %     |
| Boron      | 10-1  | 12.22     | 12.30     | 12.16     | 12.23      | 0.55    | ppb   |
| Boron      | 11-1  | 12.39     | 12.50     | 12.50     | 12.46      | 0.49    | ppb   |
| Cadmium    | 111-1 | 2.57      | 2.60      | 2.36      | 2.51       | 5.26    | ppb   |
| Cadmium    | 106-1 | 10.12     | 11.18     | 9.38      | 10.23      | 8.84    | ppb   |
| Cadmium    | 108-1 | 5.16      | 5.08      | 5.37      | 5.20       | 2.89    | ppb   |
| Calcium    | 43-1  | 21007.86  | 21079.34  | 20707.85  | 20931.68   | 0.94    | ppb   |
| Calcium    | 44-1  | 21111.42  | 21171.77  | 21153.71  | 21145.63   | 0.15    | ppb   |
| Chromium   | 52-2  | 138.17    | 135.58    | 145.99    | 139.91     | 3.87    | ppb   |
| Cobalt     | 59-2  | 90.10     | 88.57     | 95.02     | 91.23      | 3.69    | ppb   |
| Copper     | 63-2  | 266.98    | 264.31    | 282.71    | 271.33     | 3.66    | 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 |           |           |           | 97         |         | %     |
| Indium     | 115-1 |           |           |           | 96         |         | %     |
| Indium     | 115-2 |           |           |           | 90         |         | %     |
| Iron       | 56-2  | 240638.45 | 237665.50 | 255511.31 | 244605.09  | 3.91    | ppb   |
| Iron       | 57-2  | 241286.37 | 235726.35 | 256099.60 | 244370.77  | 4.31    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 907.42    | 884.44    | 903.99    | 898.62     | 1.38    | ppb   |
| Lead       | 207-1 | 839.96    | 826.97    | 842.31    | 836.41     | 0.99    | ppb   |
| Lead       | 208-1 | 873.12    | 859.87    | 874.79    | 869.26     | 0.94    | ppb   |
| Lithium    | 6-1   |           |           |           | 99         |         | %     |
| Magnesium  | 24-2  | 38827.89  | 38406.68  | 40924.33  | 39386.30   | 3.42    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-06            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS013-0612-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:08:08 | DataFile Name :   | 035SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 7940.87 | 7818.71 | 8425.31 | 8061.63    | 3.98    | ppb   |
| Molybdenum | 94-1  | 39.16   | 37.89   | 38.26   | 38.44      | 1.70    | ppb   |
| Molybdenum | 95-1  | 4.62    | 4.59    | 4.60    | 4.61       | 0.30    | ppb   |
| Molybdenum | 96-1  | 10.68   | 10.54   | 10.68   | 10.63      | 0.76    | ppb   |
| Molybdenum | 97-1  | 4.75    | 4.50    | 4.54    | 4.60       | 2.87    | ppb   |
| Molybdenum | 98-1  | 4.55    | 4.50    | 4.39    | 4.48       | 1.85    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 177.84  | 176.28  | 189.68  | 181.27     | 4.04    | ppb   |
| Phosphorus | 31-2  | 4329.37 | 4256.81 | 4457.54 | 4347.91    | 2.34    | ppb   |
| Potassium  | 39-2  | 4213.83 | 4144.93 | 4491.04 | 4283.27    | 4.28    | ppb   |
| Rhodium    | 103-1 |         |         |         | 92         |         | %     |
| Rhodium    | 103-2 |         |         |         | 87         |         | %     |
| Scandium   | 45-1  |         |         |         | 108        |         | %     |
| Scandium   | 45-2  |         |         |         | 101        |         | %     |
| Selenium   | 77-2  | 57.29   | 49.62   | 59.47   | 55.46      | 9.33    | ppb   |
| Selenium   | 78-2  | 12.76   | 12.62   | 12.73   | 12.70      | 0.59    | ppb   |
| Selenium   | 82-1  | 3.93    | 3.91    | 4.23    | 4.02       | 4.49    | ppb   |
| Silicon    | 28-1  | 6915.74 | 6963.22 | 6882.77 | 6920.58    | 0.58    | ppb   |
| Silver     | 109-1 | 0.60    | 0.54    | 0.61    | 0.58       | 6.26    | ppb   |
| Silver     | 107-1 | 0.60    | 0.63    | 0.62    | 0.62       | 2.98    | ppb   |
| Sodium     | 23-2  | 733.20  | 732.17  | 781.76  | 749.04     | 3.78    | ppb   |
| Strontium  | 86-1  | 84.58   | 82.72   | 83.64   | 83.64      | 1.11    | ppb   |
| Strontium  | 88-1  | 84.36   | 83.03   | 83.30   | 83.56      | 0.84    | ppb   |
| Sulfur     | 34-1  | 1864.12 | 1822.72 | 1740.95 | 1809.26    | 3.46    | ppb   |
| Terbium    | 159-1 |         |         |         | 104        |         | %     |
| Terbium    | 159-2 |         |         |         | 96         |         | %     |
| Thallium   | 203-1 | 0.89    | 0.95    | 0.90    | 0.91       | 3.50    | ppb   |
| Thallium   | 205-1 | 0.90    | 0.89    | 0.92    | 0.90       | 1.73    | ppb   |
| Thorium    | 232-1 | 25.65   | 25.24   | 25.63   | 25.51      | 0.90    | ppb   |
| Tin        | 118-1 | 2.95    | 2.82    | 2.89    | 2.89       | 2.36    | ppb   |
| Titanium   | 47-1  | 186.31  | 182.70  | 185.69  | 184.90     | 1.04    | ppb   |
| Uranium    | 238-1 | 3.72    | 3.66    | 3.71    | 3.70       | 0.83    | ppb   |
| Vanadium   | 51-2  | 166.04  | 162.13  | 175.24  | 167.80     | 4.01    | ppb   |
| Yttrium    | 89-1  |         |         |         | 130        |         | %     |
| Yttrium    | 89-2  |         |         |         | 122        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-06            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS013-0612-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:08:08 | DataFile Name :   | 035SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 620.66  | 608.09  | 656.85  | 628.53     | 4.03    | ppb   |
| Zirconium | 90-1 | 22.88   | 22.81   | 22.55   | 22.75      | 0.76    | ppb   |
| Zirconium | 91-1 | 23.21   | 22.99   | 22.35   | 22.85      | 1.97    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-07            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS013-1218-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:11:44 | DataFile Name :   | 036SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 129002.90 | 127985.58 | 130886.48 | 129291.65  | 1.14    | ppb   |
| Antimony   | 121-1 | 0.57      | 0.62      | 0.58      | 0.59       | 4.23    | ppb   |
| Arsenic    | 75-2  | 56.11     | 55.06     | 56.36     | 55.84      | 1.23    | ppb   |
| Barium     | 135-1 | 1756.62   | 2004.73   | 1851.60   | 1870.98    | 6.69    | ppb   |
| Barium     | 137-1 | 1774.67   | 2025.29   | 1879.16   | 1893.04    | 6.65    | ppb   |
| Beryllium  | 9-1   | 6.50      | 7.47      | 6.94      | 6.97       | 6.96    | ppb   |
| Bismuth    | 209-1 |           |           |           | 95         |         | %     |
| Bismuth    | 209-2 |           |           |           | 90         |         | %     |
| Boron      | 10-1  | 11.14     | 13.01     | 11.46     | 11.87      | 8.41    | ppb   |
| Boron      | 11-1  | 10.57     | 12.26     | 11.82     | 11.55      | 7.59    | ppb   |
| Cadmium    | 111-1 | 2.02      | 2.15      | 1.93      | 2.04       | 5.31    | ppb   |
| Cadmium    | 106-1 | 10.45     | 10.05     | 8.13      | 9.54       | 12.97   | ppb   |
| Cadmium    | 108-1 | 4.53      | 5.22      | 4.48      | 4.74       | 8.76    | ppb   |
| Calcium    | 43-1  | 13783.16  | 15617.52  | 14735.66  | 14712.11   | 6.24    | ppb   |
| Calcium    | 44-1  | 13891.87  | 15866.98  | 14761.55  | 14840.13   | 6.67    | ppb   |
| Chromium   | 52-2  | 141.30    | 138.75    | 144.58    | 141.54     | 2.07    | ppb   |
| Cobalt     | 59-2  | 89.32     | 89.05     | 90.97     | 89.78      | 1.16    | ppb   |
| Copper     | 63-2  | 288.92    | 287.07    | 296.11    | 290.70     | 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 |           |           |           | 103        |         | %     |
| Holmium    | 165-2 |           |           |           | 99         |         | %     |
| Indium     | 115-1 |           |           |           | 94         |         | %     |
| Indium     | 115-2 |           |           |           | 92         |         | %     |
| Iron       | 56-2  | 252598.88 | 249692.20 | 257373.10 | 253221.39  | 1.53    | ppb   |
| Iron       | 57-2  | 249310.65 | 247307.87 | 256797.28 | 251138.60  | 1.99    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 1245.83   | 1431.88   | 1336.48   | 1338.06    | 6.95    | ppb   |
| Lead       | 207-1 | 1162.99   | 1343.19   | 1251.98   | 1252.72    | 7.19    | ppb   |
| Lead       | 208-1 | 1190.68   | 1374.63   | 1284.56   | 1283.29    | 7.17    | ppb   |
| Lithium    | 6-1   |           |           |           | 97         |         | %     |
| Magnesium  | 24-2  | 37197.05  | 36742.21  | 37801.22  | 37246.83   | 1.43    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-07            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS013-1218-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:11:44 | DataFile Name :   | 036SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 9233.53 | 9179.36 | 9412.91 | 9275.27    | 1.32    | ppb   |
| Molybdenum | 94-1  | 33.90   | 37.12   | 35.45   | 35.49      | 4.53    | ppb   |
| Molybdenum | 95-1  | 7.05    | 7.91    | 7.61    | 7.52       | 5.83    | ppb   |
| Molybdenum | 96-1  | 11.89   | 13.47   | 12.97   | 12.78      | 6.33    | ppb   |
| Molybdenum | 97-1  | 6.95    | 7.88    | 7.35    | 7.39       | 6.30    | ppb   |
| Molybdenum | 98-1  | 6.98    | 7.77    | 7.28    | 7.34       | 5.44    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 172.80  | 171.47  | 174.38  | 172.88     | 0.84    | ppb   |
| Phosphorus | 31-2  | 4554.02 | 4534.51 | 4538.63 | 4542.39    | 0.23    | ppb   |
| Potassium  | 39-2  | 3771.93 | 3724.83 | 3864.08 | 3786.95    | 1.87    | ppb   |
| Rhodium    | 103-1 |         |         |         | 91         |         | %     |
| Rhodium    | 103-2 |         |         |         | 88         |         | %     |
| Scandium   | 45-1  |         |         |         | 105        |         | %     |
| Scandium   | 45-2  |         |         |         | 102        |         | %     |
| Selenium   | 77-2  | 53.02   | 54.80   | 45.65   | 51.16      | 9.48    | ppb   |
| Selenium   | 78-2  | 12.24   | 12.00   | 11.10   | 11.78      | 5.13    | ppb   |
| Selenium   | 82-1  | 3.53    | 4.16    | 3.78    | 3.82       | 8.38    | ppb   |
| Silicon    | 28-1  | 7261.61 | 8261.23 | 7728.92 | 7750.59    | 6.45    | ppb   |
| Silver     | 109-1 | 0.68    | 0.74    | 0.68    | 0.70       | 5.07    | ppb   |
| Silver     | 107-1 | 0.71    | 0.76    | 0.70    | 0.72       | 4.10    | ppb   |
| Sodium     | 23-2  | 608.31  | 604.48  | 629.81  | 614.20     | 2.22    | ppb   |
| Strontium  | 86-1  | 58.15   | 64.66   | 62.00   | 61.60      | 5.31    | ppb   |
| Strontium  | 88-1  | 58.14   | 64.94   | 61.51   | 61.53      | 5.53    | ppb   |
| Sulfur     | 34-1  | 825.23  | 1735.75 | 1203.77 | 1254.92    | 36.45   | ppb   |
| Terbium    | 159-1 |         |         |         | 102        |         | %     |
| Terbium    | 159-2 |         |         |         | 98         |         | %     |
| Thallium   | 203-1 | 1.00    | 1.22    | 1.14    | 1.12       | 10.20   | ppb   |
| Thallium   | 205-1 | 1.02    | 1.21    | 1.11    | 1.11       | 8.57    | ppb   |
| Thorium    | 232-1 | 25.97   | 29.95   | 27.44   | 27.79      | 7.24    | ppb   |
| Tin        | 118-1 | 10.43   | 11.88   | 11.05   | 11.12      | 6.57    | ppb   |
| Titanium   | 47-1  | 176.01  | 208.68  | 190.87  | 191.85     | 8.53    | ppb   |
| Uranium    | 238-1 | 3.25    | 3.73    | 3.42    | 3.46       | 7.05    | ppb   |
| Vanadium   | 51-2  | 178.55  | 176.10  | 181.36  | 178.67     | 1.47    | ppb   |
| Yttrium    | 89-1  |         |         |         | 131        |         | %     |
| Yttrium    | 89-2  |         |         |         | 126        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-07            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS013-1218-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:11:44 | DataFile Name :   | 036SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 596.88  | 596.73  | 619.43  | 604.35     | 2.16    | ppb   |
| Zirconium | 90-1 | 18.51   | 20.43   | 19.27   | 19.40      | 4.97    | ppb   |
| Zirconium | 91-1 | 18.76   | 20.41   | 19.94   | 19.70      | 4.32    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-08            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS013-1824-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:15:21 | DataFile Name :   | 037SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 115769.01 | 116027.09 | 115236.24 | 115677.44  | 0.35    | ppb   |
| Antimony   | 121-1 | 0.60      | 0.54      | 0.62      | 0.59       | 6.75    | ppb   |
| Arsenic    | 75-2  | 160.95    | 160.06    | 158.10    | 159.71     | 0.91    | ppb   |
| Barium     | 135-1 | 1809.67   | 1789.05   | 1812.81   | 1803.84    | 0.72    | ppb   |
| Barium     | 137-1 | 1811.30   | 1806.77   | 1839.64   | 1819.24    | 0.98    | ppb   |
| Beryllium  | 9-1   | 5.43      | 5.45      | 5.66      | 5.51       | 2.31    | ppb   |
| Bismuth    | 209-1 |           |           |           | 97         |         | %     |
| Bismuth    | 209-2 |           |           |           | 89         |         | %     |
| Boron      | 10-1  | 11.32     | 12.14     | 11.00     | 11.49      | 5.11    | ppb   |
| Boron      | 11-1  | 11.75     | 11.82     | 11.67     | 11.75      | 0.62    | ppb   |
| Cadmium    | 111-1 | 2.39      | 2.23      | 2.49      | 2.37       | 5.66    | ppb   |
| Cadmium    | 106-1 | 6.80      | 5.08      | 7.31      | 6.40       | 18.28   | ppb   |
| Cadmium    | 108-1 | 4.35      | 4.72      | 4.60      | 4.56       | 4.17    | ppb   |
| Calcium    | 43-1  | 8689.27   | 8530.14   | 8640.47   | 8619.96    | 0.95    | ppb   |
| Calcium    | 44-1  | 8681.16   | 8596.25   | 8646.04   | 8641.15    | 0.49    | ppb   |
| Chromium   | 52-2  | 121.83    | 122.65    | 122.50    | 122.33     | 0.36    | ppb   |
| Cobalt     | 59-2  | 66.07     | 66.02     | 66.66     | 66.25      | 0.54    | ppb   |
| Copper     | 63-2  | 356.33    | 359.38    | 358.58    | 358.10     | 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 |           |           |           | 104        |         | %     |
| Holmium    | 165-2 |           |           |           | 96         |         | %     |
| Indium     | 115-1 |           |           |           | 95         |         | %     |
| Indium     | 115-2 |           |           |           | 90         |         | %     |
| Iron       | 56-2  | 223949.47 | 223927.34 | 221823.81 | 223233.54  | 0.55    | ppb   |
| Iron       | 57-2  | 222129.83 | 220473.70 | 222704.26 | 221769.26  | 0.52    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 2207.58   | 2229.84   | 2252.77   | 2230.06    | 1.01    | ppb   |
| Lead       | 207-1 | 2084.59   | 2102.54   | 2123.93   | 2103.68    | 0.94    | ppb   |
| Lead       | 208-1 | 2133.15   | 2149.35   | 2166.70   | 2149.73    | 0.78    | ppb   |
| Lithium    | 6-1   |           |           |           | 96         |         | %     |
| Magnesium  | 24-2  | 32791.08  | 32833.83  | 32911.45  | 32845.46   | 0.19    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-08            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS013-1824-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:15:21 | DataFile Name :   | 037SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|----------|------------|---------|-------|
| Manganese  | 55-2  | 4461.44 | 4467.26 | 4445.79  | 4458.16    | 0.25    | ppb   |
| Molybdenum | 94-1  | 25.50   | 25.21   | 25.48    | 25.40      | 0.64    | ppb   |
| Molybdenum | 95-1  | 4.92    | 4.81    | 5.01     | 4.91       | 2.01    | ppb   |
| Molybdenum | 96-1  | 9.33    | 9.29    | 9.08     | 9.23       | 1.48    | ppb   |
| Molybdenum | 97-1  | 4.82    | 4.79    | 5.07     | 4.89       | 3.13    | ppb   |
| Molybdenum | 98-1  | 4.96    | 4.80    | 4.85     | 4.87       | 1.67    | ppb   |
| Neodymium  | 150-1 |         |         |          |            |         | cps   |
| Neodymium  | 150-2 |         |         |          |            |         | cps   |
| Nickel     | 60-2  | 149.98  | 149.66  | 149.47   | 149.70     | 0.17    | ppb   |
| Phosphorus | 31-2  | 5125.99 | 5228.96 | 5278.32  | 5211.09    | 1.49    | ppb   |
| Potassium  | 39-2  | 3710.87 | 3730.79 | 3754.99  | 3732.22    | 0.59    | ppb   |
| Rhodium    | 103-1 |         |         |          | 92         |         | %     |
| Rhodium    | 103-2 |         |         |          | 87         |         | %     |
| Scandium   | 45-1  |         |         |          | 103        |         | %     |
| Scandium   | 45-2  |         |         |          | 97         |         | %     |
| Selenium   | 77-2  | 45.82   | 47.06   | 43.54    | 45.48      | 3.92    | ppb   |
| Selenium   | 78-2  | 11.33   | 10.13   | 10.67    | 10.71      | 5.63    | ppb   |
| Selenium   | 82-1  | 3.38    | 4.12    | 4.26     | 3.92       | 12.06   | ppb   |
| Silicon    | 28-1  | 9829.79 | 9983.10 | 10242.27 | 10018.39   | 2.08    | ppb   |
| Silver     | 109-1 | 0.57    | 0.57    | 0.56     | 0.56       | 0.83    | ppb   |
| Silver     | 107-1 | 0.63    | 0.62    | 0.61     | 0.62       | 1.14    | ppb   |
| Sodium     | 23-2  | 760.82  | 767.37  | 759.98   | 762.72     | 0.53    | ppb   |
| Strontium  | 86-1  | 44.05   | 43.35   | 43.91    | 43.77      | 0.85    | ppb   |
| Strontium  | 88-1  | 43.69   | 43.53   | 43.49    | 43.57      | 0.25    | ppb   |
| Sulfur     | 34-1  | 3192.19 | 3017.24 | 3041.43  | 3083.62    | 3.07    | ppb   |
| Terbium    | 159-1 |         |         |          | 102        |         | %     |
| Terbium    | 159-2 |         |         |          | 96         |         | %     |
| Thallium   | 203-1 | 0.94    | 1.00    | 0.97     | 0.97       | 3.26    | ppb   |
| Thallium   | 205-1 | 1.01    | 0.98    | 0.98     | 0.99       | 1.64    | ppb   |
| Thorium    | 232-1 | 21.72   | 21.48   | 21.82    | 21.67      | 0.81    | ppb   |
| Tin        | 118-1 | 30.06   | 29.61   | 29.94    | 29.87      | 0.79    | ppb   |
| Titanium   | 47-1  | 194.87  | 193.12  | 195.16   | 194.38     | 0.57    | ppb   |
| Uranium    | 238-1 | 2.86    | 2.82    | 2.79     | 2.82       | 1.24    | ppb   |
| Vanadium   | 51-2  | 165.88  | 166.20  | 165.93   | 166.00     | 0.10    | ppb   |
| Yttrium    | 89-1  |         |         |          | 122        |         | %     |
| Yttrium    | 89-2  |         |         |          | 115        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-08            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS013-1824-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:15:21 | DataFile Name :   | 037SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 574.37  | 579.86  | 576.39  | 576.87     | 0.48    | ppb   |
| Zirconium | 90-1 | 14.15   | 14.18   | 14.19   | 14.17      | 0.16    | ppb   |
| Zirconium | 91-1 | 14.65   | 14.39   | 14.17   | 14.40      | 1.68    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-09            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS014-0006-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:18:57 | DataFile Name :   | 038SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 87926.89  | 91405.63  | 89394.85  | 89575.79   | 1.95    | ppb   |
| Antimony   | 121-1 | 0.61      | 0.59      | 0.53      | 0.57       | 7.30    | ppb   |
| Arsenic    | 75-2  | 34.04     | 35.15     | 35.26     | 34.82      | 1.93    | ppb   |
| Barium     | 135-1 | 1535.71   | 1573.92   | 1488.82   | 1532.82    | 2.78    | ppb   |
| Barium     | 137-1 | 1543.18   | 1575.49   | 1494.04   | 1537.57    | 2.67    | ppb   |
| Beryllium  | 9-1   | 5.16      | 5.22      | 4.92      | 5.10       | 3.03    | ppb   |
| Bismuth    | 209-1 |           |           |           | 97         |         | %     |
| Bismuth    | 209-2 |           |           |           | 92         |         | %     |
| Boron      | 10-1  | 12.35     | 12.04     | 12.04     | 12.15      | 1.46    | ppb   |
| Boron      | 11-1  | 12.91     | 12.61     | 12.66     | 12.72      | 1.27    | ppb   |
| Cadmium    | 111-1 | 3.80      | 3.78      | 3.43      | 3.67       | 5.67    | ppb   |
| Cadmium    | 106-1 | 8.79      | 7.83      | 6.01      | 7.54       | 18.75   | ppb   |
| Cadmium    | 108-1 | 5.55      | 5.51      | 5.23      | 5.43       | 3.23    | ppb   |
| Calcium    | 43-1  | 14710.89  | 14995.09  | 14194.21  | 14633.40   | 2.77    | ppb   |
| Calcium    | 44-1  | 14752.91  | 15102.35  | 14337.74  | 14731.00   | 2.60    | ppb   |
| Chromium   | 52-2  | 101.80    | 106.89    | 103.71    | 104.13     | 2.47    | ppb   |
| Cobalt     | 59-2  | 56.56     | 58.89     | 57.81     | 57.75      | 2.02    | ppb   |
| Copper     | 63-2  | 235.44    | 244.34    | 239.29    | 239.69     | 1.86    | 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 |           |           |           | 103        |         | %     |
| Holmium    | 165-2 |           |           |           | 101        |         | %     |
| Indium     | 115-1 |           |           |           | 95         |         | %     |
| Indium     | 115-2 |           |           |           | 93         |         | %     |
| Iron       | 56-2  | 158269.71 | 163784.94 | 161683.16 | 161245.94  | 1.73    | ppb   |
| Iron       | 57-2  | 158021.59 | 163050.34 | 160225.93 | 160432.62  | 1.57    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 644.62    | 658.63    | 627.17    | 643.47     | 2.45    | ppb   |
| Lead       | 207-1 | 597.95    | 614.37    | 577.92    | 596.75     | 3.06    | ppb   |
| Lead       | 208-1 | 623.97    | 640.75    | 605.20    | 623.30     | 2.85    | ppb   |
| Lithium    | 6-1   |           |           |           | 95         |         | %     |
| Magnesium  | 24-2  | 24876.30  | 25820.00  | 25188.95  | 25295.08   | 1.90    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-09            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS014-0006-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:18:57 | DataFile Name :   | 038SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 8380.98 | 8646.86 | 8561.81 | 8529.88    | 1.59    | ppb   |
| Molybdenum | 94-1  | 27.47   | 27.98   | 26.89   | 27.45      | 1.98    | ppb   |
| Molybdenum | 95-1  | 4.38    | 4.56    | 4.41    | 4.45       | 2.25    | ppb   |
| Molybdenum | 96-1  | 8.30    | 8.46    | 8.07    | 8.28       | 2.41    | ppb   |
| Molybdenum | 97-1  | 4.59    | 4.65    | 4.29    | 4.51       | 4.28    | ppb   |
| Molybdenum | 98-1  | 4.41    | 4.36    | 4.15    | 4.31       | 3.24    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 124.75  | 129.10  | 127.40  | 127.08     | 1.73    | ppb   |
| Phosphorus | 31-2  | 4756.84 | 4789.89 | 4666.82 | 4737.85    | 1.34    | ppb   |
| Potassium  | 39-2  | 3737.87 | 3942.19 | 3823.37 | 3834.47    | 2.68    | ppb   |
| Rhodium    | 103-1 |         |         |         | 92         |         | %     |
| Rhodium    | 103-2 |         |         |         | 91         |         | %     |
| Scandium   | 45-1  |         |         |         | 102        |         | %     |
| Scandium   | 45-2  |         |         |         | 101        |         | %     |
| Selenium   | 77-2  | 54.87   | 53.08   | 53.67   | 53.87      | 1.69    | ppb   |
| Selenium   | 78-2  | 13.30   | 15.25   | 14.52   | 14.35      | 6.86    | ppb   |
| Selenium   | 82-1  | 5.93    | 6.71    | 6.45    | 6.37       | 6.23    | ppb   |
| Silicon    | 28-1  | 9170.57 | 9303.42 | 8830.46 | 9101.48    | 2.68    | ppb   |
| Silver     | 109-1 | 0.44    | 0.45    | 0.47    | 0.45       | 2.47    | ppb   |
| Silver     | 107-1 | 0.53    | 0.49    | 0.46    | 0.49       | 6.70    | ppb   |
| Sodium     | 23-2  | 826.81  | 858.31  | 838.86  | 841.33     | 1.89    | ppb   |
| Strontium  | 86-1  | 75.05   | 76.26   | 71.94   | 74.42      | 3.00    | ppb   |
| Strontium  | 88-1  | 75.00   | 76.33   | 72.19   | 74.51      | 2.84    | ppb   |
| Sulfur     | 34-1  | 5297.42 | 5464.06 | 4865.75 | 5209.08    | 5.93    | ppb   |
| Terbium    | 159-1 |         |         |         | 102        |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 0.63    | 0.63    | 0.62    | 0.63       | 1.29    | ppb   |
| Thallium   | 205-1 | 0.67    | 0.66    | 0.63    | 0.65       | 3.07    | ppb   |
| Thorium    | 232-1 | 16.90   | 17.27   | 16.23   | 16.80      | 3.14    | ppb   |
| Tin        | 118-1 | 2.32    | 2.44    | 2.23    | 2.33       | 4.50    | ppb   |
| Titanium   | 47-1  | 264.65  | 267.16  | 258.54  | 263.45     | 1.68    | ppb   |
| Uranium    | 238-1 | 4.56    | 4.72    | 4.44    | 4.58       | 3.07    | ppb   |
| Vanadium   | 51-2  | 129.18  | 133.95  | 131.79  | 131.64     | 1.81    | ppb   |
| Yttrium    | 89-1  |         |         |         | 126        |         | %     |
| Yttrium    | 89-2  |         |         |         | 123        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-09            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS014-0006-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:18:57 | DataFile Name :   | 038SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 459.49  | 478.05  | 468.85  | 468.80     | 1.98    | ppb   |
| Zirconium | 90-1 | 15.79   | 16.03   | 15.46   | 15.76      | 1.80    | ppb   |
| Zirconium | 91-1 | 15.85   | 16.29   | 15.61   | 15.92      | 2.16    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-10            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS014-0612-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:22:34 | DataFile Name :   | 039SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 133077.47 | 126418.80 | 135944.88 | 131813.72  | 3.71    | ppb   |
| Antimony   | 121-1 | 0.33      | 0.33      | 0.32      | 0.33       | 2.07    | ppb   |
| Arsenic    | 75-2  | 50.55     | 47.83     | 50.38     | 49.58      | 3.07    | ppb   |
| Barium     | 135-1 | 1796.95   | 1767.65   | 1789.18   | 1784.59    | 0.85    | ppb   |
| Barium     | 137-1 | 1819.22   | 1788.58   | 1809.89   | 1805.90    | 0.87    | ppb   |
| Beryllium  | 9-1   | 6.99      | 6.62      | 7.08      | 6.90       | 3.48    | ppb   |
| Bismuth    | 209-1 |           |           |           | 95         |         | %     |
| Bismuth    | 209-2 |           |           |           | 90         |         | %     |
| Boron      | 10-1  | 11.24     | 12.23     | 11.90     | 11.79      | 4.29    | ppb   |
| Boron      | 11-1  | 11.35     | 11.78     | 11.61     | 11.58      | 1.89    | ppb   |
| Cadmium    | 111-1 | 2.55      | 2.54      | 2.41      | 2.50       | 3.19    | ppb   |
| Cadmium    | 106-1 | 11.01     | 12.28     | 9.74      | 11.01      | 11.53   | ppb   |
| Cadmium    | 108-1 | 6.47      | 5.94      | 5.92      | 6.11       | 5.08    | ppb   |
| Calcium    | 43-1  | 5693.15   | 5627.25   | 5730.91   | 5683.77    | 0.92    | ppb   |
| Calcium    | 44-1  | 5797.92   | 5707.14   | 5775.58   | 5760.21    | 0.82    | ppb   |
| Chromium   | 52-2  | 142.77    | 136.46    | 144.19    | 141.14     | 2.91    | ppb   |
| Cobalt     | 59-2  | 96.56     | 93.04     | 98.67     | 96.09      | 2.97    | ppb   |
| Copper     | 63-2  | 244.58    | 234.61    | 248.54    | 242.58     | 2.96    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 103        |         | %     |
| Holmium    | 165-2 |           |           |           | 99         |         | %     |
| Indium     | 115-1 |           |           |           | 94         |         | %     |
| Indium     | 115-2 |           |           |           | 92         |         | %     |
| Iron       | 56-2  | 250911.55 | 238443.01 | 253426.25 | 247593.60  | 3.24    | ppb   |
| Iron       | 57-2  | 250635.15 | 237920.89 | 252776.79 | 247110.94  | 3.25    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 638.84    | 623.90    | 640.41    | 634.38     | 1.44    | ppb   |
| Lead       | 207-1 | 593.45    | 576.42    | 591.76    | 587.21     | 1.60    | ppb   |
| Lead       | 208-1 | 618.28    | 604.52    | 618.26    | 613.69     | 1.29    | ppb   |
| Lithium    | 6-1   |           |           |           | 95         |         | %     |
| Magnesium  | 24-2  | 42980.50  | 41070.89  | 43899.45  | 42650.28   | 3.38    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-10            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS014-0612-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:22:34 | DataFile Name :   | 039SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 11829.45 | 11307.70 | 12016.18 | 11717.78   | 3.13    | ppb   |
| Molybdenum | 94-1  | 44.98    | 44.53    | 45.25    | 44.92      | 0.81    | ppb   |
| Molybdenum | 95-1  | 3.96     | 3.88     | 3.99     | 3.94       | 1.50    | ppb   |
| Molybdenum | 96-1  | 10.64    | 10.75    | 10.65    | 10.68      | 0.54    | ppb   |
| Molybdenum | 97-1  | 3.87     | 3.70     | 3.92     | 3.83       | 3.03    | ppb   |
| Molybdenum | 98-1  | 3.63     | 3.64     | 3.78     | 3.68       | 2.30    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 186.20   | 178.19   | 192.14   | 185.51     | 3.77    | ppb   |
| Phosphorus | 31-2  | 3910.24  | 3684.86  | 3899.11  | 3831.40    | 3.32    | ppb   |
| Potassium  | 39-2  | 4493.82  | 4354.90  | 4580.36  | 4476.36    | 2.54    | ppb   |
| Rhodium    | 103-1 |          |          |          | 90         |         | %     |
| Rhodium    | 103-2 |          |          |          | 88         |         | %     |
| Scandium   | 45-1  |          |          |          | 105        |         | %     |
| Scandium   | 45-2  |          |          |          | 104        |         | %     |
| Selenium   | 77-2  | 56.42    | 52.57    | 57.30    | 55.43      | 4.54    | ppb   |
| Selenium   | 78-2  | 14.45    | 13.05    | 14.14    | 13.88      | 5.32    | ppb   |
| Selenium   | 82-1  | 4.75     | 4.31     | 4.50     | 4.52       | 4.91    | ppb   |
| Silicon    | 28-1  | 11062.80 | 10915.76 | 11065.18 | 11014.58   | 0.78    | ppb   |
| Silver     | 109-1 | 0.47     | 0.52     | 0.48     | 0.49       | 5.06    | ppb   |
| Silver     | 107-1 | 0.51     | 0.51     | 0.50     | 0.51       | 1.22    | ppb   |
| Sodium     | 23-2  | 564.12   | 546.04   | 573.53   | 561.23     | 2.49    | ppb   |
| Strontium  | 86-1  | 44.55    | 44.27    | 44.97    | 44.60      | 0.79    | ppb   |
| Strontium  | 88-1  | 44.92    | 44.51    | 44.91    | 44.78      | 0.52    | ppb   |
| Sulfur     | 34-1  | 1485.84  | 1378.86  | 1512.90  | 1459.20    | 4.86    | ppb   |
| Terbium    | 159-1 |          |          |          | 102        |         | %     |
| Terbium    | 159-2 |          |          |          | 99         |         | %     |
| Thallium   | 203-1 | 0.87     | 0.89     | 0.95     | 0.90       | 4.29    | ppb   |
| Thallium   | 205-1 | 0.92     | 0.90     | 0.91     | 0.91       | 1.36    | ppb   |
| Thorium    | 232-1 | 28.50    | 27.85    | 28.57    | 28.31      | 1.39    | ppb   |
| Tin        | 118-1 | 2.25     | 2.22     | 2.24     | 2.24       | 0.60    | ppb   |
| Titanium   | 47-1  | 296.19   | 293.10   | 296.65   | 295.31     | 0.65    | ppb   |
| Uranium    | 238-1 | 4.52     | 4.39     | 4.45     | 4.45       | 1.51    | ppb   |
| Vanadium   | 51-2  | 172.56   | 164.00   | 173.55   | 170.04     | 3.09    | ppb   |
| Yttrium    | 89-1  |          |          |          | 129        |         | %     |
| Yttrium    | 89-2  |          |          |          | 125        |         | %     |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-10            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS014-0612-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:22:34 | DataFile Name :   | 039SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 579.74  | 552.99  | 590.97  | 574.57     | 3.40    | ppb   |
| Zirconium | 90-1 | 27.12   | 27.36   | 27.40   | 27.29      | 0.55    | ppb   |
| Zirconium | 91-1 | 28.01   | 27.78   | 27.92   | 27.90      | 0.42    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-11            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS014-1218-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:26:11 | DataFile Name :   | 040SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 140951.40 | 142044.29 | 140407.63 | 141134.44  | 0.59    | ppb   |
| Antimony   | 121-1 | 0.31      | 0.29      | 0.27      | 0.29       | 6.43    | ppb   |
| Arsenic    | 75-2  | 53.63     | 54.43     | 54.23     | 54.09      | 0.77    | ppb   |
| Barium     | 135-1 | 1668.75   | 1642.82   | 1639.06   | 1650.21    | 0.98    | ppb   |
| Barium     | 137-1 | 1670.72   | 1648.07   | 1638.24   | 1652.34    | 1.01    | ppb   |
| Beryllium  | 9-1   | 8.32      | 8.10      | 8.02      | 8.15       | 1.91    | ppb   |
| Bismuth    | 209-1 |           |           |           | 93         |         | %     |
| Bismuth    | 209-2 |           |           |           | 85         |         | %     |
| Boron      | 10-1  | 9.06      | 10.81     | 9.86      | 9.91       | 8.87    | ppb   |
| Boron      | 11-1  | 10.20     | 9.66      | 9.81      | 9.89       | 2.85    | ppb   |
| Cadmium    | 111-1 | 2.98      | 2.83      | 2.91      | 2.91       | 2.54    | ppb   |
| Cadmium    | 106-1 | 14.80     | 13.29     | 14.43     | 14.17      | 5.59    | ppb   |
| Cadmium    | 108-1 | 6.54      | 6.71      | 6.38      | 6.55       | 2.51    | ppb   |
| Calcium    | 43-1  | 6721.67   | 6635.21   | 6553.76   | 6636.88    | 1.27    | ppb   |
| Calcium    | 44-1  | 6752.87   | 6634.09   | 6594.33   | 6660.43    | 1.24    | ppb   |
| Chromium   | 52-2  | 155.30    | 156.16    | 156.00    | 155.82     | 0.29    | ppb   |
| Cobalt     | 59-2  | 113.99    | 115.25    | 114.39    | 114.54     | 0.56    | ppb   |
| Copper     | 63-2  | 266.23    | 267.33    | 267.17    | 266.91     | 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 |           |           |           | 102        |         | %     |
| Holmium    | 165-2 |           |           |           | 94         |         | %     |
| Indium     | 115-1 |           |           |           | 92         |         | %     |
| Indium     | 115-2 |           |           |           | 87         |         | %     |
| Iron       | 56-2  | 290899.48 | 291364.47 | 290876.90 | 291046.95  | 0.09    | ppb   |
| Iron       | 57-2  | 289128.14 | 291604.29 | 288858.42 | 289863.62  | 0.52    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 974.93    | 924.86    | 927.95    | 942.58     | 2.98    | ppb   |
| Lead       | 207-1 | 900.02    | 851.56    | 854.84    | 868.81     | 3.12    | ppb   |
| Lead       | 208-1 | 938.10    | 890.88    | 896.44    | 908.48     | 2.84    | ppb   |
| Lithium    | 6-1   |           |           |           | 94         |         | %     |
| Magnesium  | 24-2  | 44997.07  | 45003.42  | 45145.79  | 45048.76   | 0.19    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-11            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS014-1218-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:26:11 | DataFile Name :   | 040SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 16358.64 | 16484.79 | 16446.18 | 16429.87   | 0.39    | ppb   |
| Molybdenum | 94-1  | 42.44    | 42.39    | 41.72    | 42.18      | 0.96    | ppb   |
| Molybdenum | 95-1  | 3.83     | 3.88     | 3.69     | 3.80       | 2.62    | ppb   |
| Molybdenum | 96-1  | 10.62    | 10.53    | 10.46    | 10.54      | 0.76    | ppb   |
| Molybdenum | 97-1  | 3.71     | 3.64     | 3.37     | 3.57       | 5.03    | ppb   |
| Molybdenum | 98-1  | 3.49     | 3.49     | 3.48     | 3.49       | 0.07    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 205.58   | 209.00   | 206.66   | 207.08     | 0.84    | ppb   |
| Phosphorus | 31-2  | 4192.81  | 4150.21  | 4198.77  | 4180.60    | 0.63    | ppb   |
| Potassium  | 39-2  | 4288.07  | 4303.86  | 4293.56  | 4295.16    | 0.19    | ppb   |
| Rhodium    | 103-1 |          |          |          | 88         |         | %     |
| Rhodium    | 103-2 |          |          |          | 83         |         | %     |
| Scandium   | 45-1  |          |          |          | 103        |         | %     |
| Scandium   | 45-2  |          |          |          | 99         |         | %     |
| Selenium   | 77-2  | 52.84    | 61.24    | 54.81    | 56.30      | 7.80    | ppb   |
| Selenium   | 78-2  | 14.63    | 15.16    | 13.96    | 14.58      | 4.09    | ppb   |
| Selenium   | 82-1  | 3.71     | 4.06     | 3.73     | 3.83       | 5.10    | ppb   |
| Silicon    | 28-1  | 7352.83  | 7258.86  | 7311.46  | 7307.72    | 0.64    | ppb   |
| Silver     | 109-1 | 0.61     | 0.57     | 0.58     | 0.58       | 3.40    | ppb   |
| Silver     | 107-1 | 0.62     | 0.64     | 0.66     | 0.64       | 3.25    | ppb   |
| Sodium     | 23-2  | 592.46   | 588.83   | 593.97   | 591.76     | 0.45    | ppb   |
| Strontium  | 86-1  | 44.19    | 44.76    | 43.37    | 44.11      | 1.58    | ppb   |
| Strontium  | 88-1  | 43.97    | 44.01    | 43.32    | 43.77      | 0.88    | ppb   |
| Sulfur     | 34-1  | 377.25   | 264.10   | 322.69   | 321.35     | 17.61   | ppb   |
| Terbium    | 159-1 |          |          |          | 101        |         | %     |
| Terbium    | 159-2 |          |          |          | 93         |         | %     |
| Thallium   | 203-1 | 1.05     | 1.04     | 1.01     | 1.03       | 1.82    | ppb   |
| Thallium   | 205-1 | 1.10     | 1.05     | 1.08     | 1.08       | 2.63    | ppb   |
| Thorium    | 232-1 | 33.83    | 32.38    | 32.20    | 32.80      | 2.73    | ppb   |
| Tin        | 118-1 | 2.18     | 2.14     | 2.00     | 2.10       | 4.44    | ppb   |
| Titanium   | 47-1  | 206.56   | 205.00   | 204.28   | 205.28     | 0.57    | ppb   |
| Uranium    | 238-1 | 4.05     | 3.84     | 3.77     | 3.89       | 3.73    | ppb   |
| Vanadium   | 51-2  | 192.89   | 193.91   | 195.77   | 194.19     | 0.75    | ppb   |
| Yttrium    | 89-1  |          |          |          | 132        |         | %     |
| Yttrium    | 89-2  |          |          |          | 124        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-11            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS014-1218-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:26:11 | DataFile Name :   | 040SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 707.58  | 711.12  | 713.40  | 710.70     | 0.41    | ppb   |
| Zirconium | 90-1 | 25.88   | 25.79   | 25.42   | 25.70      | 0.94    | ppb   |
| Zirconium | 91-1 | 26.38   | 26.29   | 25.82   | 26.16      | 1.15    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-12            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS014-1824-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:29:47 | DataFile Name :   | 041SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 130199.91 | 130213.74 | 124510.34 | 128308.00  | 2.56    | ppb   |
| Antimony   | 121-1 | 0.36      | 0.40      | 0.41      | 0.39       | 7.60    | ppb   |
| Arsenic    | 75-2  | 50.63     | 50.18     | 48.66     | 49.82      | 2.07    | ppb   |
| Barium     | 135-1 | 1699.94   | 1679.84   | 1693.91   | 1691.23    | 0.61    | ppb   |
| Barium     | 137-1 | 1707.42   | 1681.70   | 1699.56   | 1696.23    | 0.78    | ppb   |
| Beryllium  | 9-1   | 7.24      | 7.16      | 7.00      | 7.13       | 1.70    | ppb   |
| Bismuth    | 209-1 |           |           |           | 95         |         | %     |
| Bismuth    | 209-2 |           |           |           | 89         |         | %     |
| Boron      | 10-1  | 10.30     | 11.60     | 10.08     | 10.66      | 7.67    | ppb   |
| Boron      | 11-1  | 10.34     | 10.22     | 9.99      | 10.18      | 1.75    | ppb   |
| Cadmium    | 111-1 | 2.90      | 2.77      | 2.75      | 2.81       | 2.95    | ppb   |
| Cadmium    | 106-1 | 12.21     | 9.50      | 9.39      | 10.37      | 15.38   | ppb   |
| Cadmium    | 108-1 | 6.92      | 4.81      | 6.01      | 5.91       | 17.94   | ppb   |
| Calcium    | 43-1  | 6826.25   | 6803.20   | 6742.51   | 6790.65    | 0.64    | ppb   |
| Calcium    | 44-1  | 6911.11   | 6908.18   | 6862.99   | 6894.09    | 0.39    | ppb   |
| Chromium   | 52-2  | 140.62    | 140.04    | 135.05    | 138.57     | 2.21    | ppb   |
| Cobalt     | 59-2  | 103.34    | 104.14    | 99.87     | 102.45     | 2.21    | ppb   |
| Copper     | 63-2  | 233.10    | 232.40    | 226.24    | 230.58     | 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 |           |           |           | 103        |         | %     |
| Holmium    | 165-2 |           |           |           | 97         |         | %     |
| Indium     | 115-1 |           |           |           | 93         |         | %     |
| Indium     | 115-2 |           |           |           | 90         |         | %     |
| Iron       | 56-2  | 251132.62 | 251053.28 | 241934.97 | 248040.29  | 2.13    | ppb   |
| Iron       | 57-2  | 248800.93 | 250275.64 | 240799.75 | 246625.44  | 2.07    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 578.55    | 558.44    | 550.63    | 562.54     | 2.56    | ppb   |
| Lead       | 207-1 | 531.96    | 513.99    | 514.74    | 520.23     | 1.95    | ppb   |
| Lead       | 208-1 | 559.70    | 539.90    | 537.38    | 545.66     | 2.24    | ppb   |
| Lithium    | 6-1   |           |           |           | 94         |         | %     |
| Magnesium  | 24-2  | 39770.85  | 39797.88  | 38559.95  | 39376.23   | 1.80    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-12            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS014-1824-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:29:47 | DataFile Name :   | 041SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 15147.26 | 15147.67 | 14606.79 | 14967.24   | 2.09    | ppb   |
| Molybdenum | 94-1  | 39.70    | 39.53    | 40.08    | 39.77      | 0.71    | ppb   |
| Molybdenum | 95-1  | 3.94     | 4.06     | 4.17     | 4.06       | 2.83    | ppb   |
| Molybdenum | 96-1  | 10.23    | 10.09    | 10.00    | 10.10      | 1.16    | ppb   |
| Molybdenum | 97-1  | 3.99     | 3.87     | 3.81     | 3.89       | 2.36    | ppb   |
| Molybdenum | 98-1  | 3.83     | 3.81     | 3.74     | 3.79       | 1.30    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 183.63   | 184.69   | 178.43   | 182.25     | 1.84    | ppb   |
| Phosphorus | 31-2  | 4135.06  | 4206.67  | 4049.29  | 4130.34    | 1.91    | ppb   |
| Potassium  | 39-2  | 3840.44  | 3797.28  | 3692.91  | 3776.88    | 2.01    | ppb   |
| Rhodium    | 103-1 |          |          |          | 89         |         | %     |
| Rhodium    | 103-2 |          |          |          | 86         |         | %     |
| Scandium   | 45-1  |          |          |          | 102        |         | %     |
| Scandium   | 45-2  |          |          |          | 98         |         | %     |
| Selenium   | 77-2  | 44.34    | 54.48    | 53.41    | 50.75      | 10.98   | ppb   |
| Selenium   | 78-2  | 11.67    | 11.36    | 12.28    | 11.77      | 3.95    | ppb   |
| Selenium   | 82-1  | 3.78     | 3.92     | 3.65     | 3.78       | 3.58    | ppb   |
| Silicon    | 28-1  | 11821.81 | 11882.16 | 11689.07 | 11797.68   | 0.84    | ppb   |
| Silver     | 109-1 | 0.44     | 0.46     | 0.45     | 0.45       | 1.65    | ppb   |
| Silver     | 107-1 | 0.46     | 0.51     | 0.46     | 0.47       | 6.32    | ppb   |
| Sodium     | 23-2  | 797.72   | 809.08   | 771.48   | 792.76     | 2.43    | ppb   |
| Strontium  | 86-1  | 47.79    | 48.34    | 47.76    | 47.96      | 0.68    | ppb   |
| Strontium  | 88-1  | 47.97    | 47.40    | 47.53    | 47.63      | 0.63    | ppb   |
| Sulfur     | 34-1  | 711.59   | 688.27   | 507.90   | 635.92     | 17.53   | ppb   |
| Terbium    | 159-1 |          |          |          | 102        |         | %     |
| Terbium    | 159-2 |          |          |          | 96         |         | %     |
| Thallium   | 203-1 | 1.10     | 1.06     | 0.97     | 1.04       | 6.41    | ppb   |
| Thallium   | 205-1 | 1.07     | 1.06     | 1.00     | 1.04       | 4.03    | ppb   |
| Thorium    | 232-1 | 25.83    | 24.66    | 24.60    | 25.03      | 2.76    | ppb   |
| Tin        | 118-1 | 1.68     | 1.72     | 1.62     | 1.68       | 2.78    | ppb   |
| Titanium   | 47-1  | 209.34   | 209.24   | 203.95   | 207.51     | 1.48    | ppb   |
| Uranium    | 238-1 | 3.54     | 3.43     | 3.37     | 3.45       | 2.39    | ppb   |
| Vanadium   | 51-2  | 180.26   | 180.87   | 174.47   | 178.53     | 1.98    | ppb   |
| Yttrium    | 89-1  |          |          |          | 124        |         | %     |
| Yttrium    | 89-2  |          |          |          | 119        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-12            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS014-1824-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:29:47 | DataFile Name :   | 041SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 657.97  | 654.55  | 637.18  | 649.90     | 1.72    | ppb   |
| Zirconium | 90-1 | 24.04   | 23.75   | 24.13   | 23.97      | 0.84    | ppb   |
| Zirconium | 91-1 | 24.36   | 24.49   | 24.28   | 24.38      | 0.43    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100071            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV26               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV26               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-12-27 14:42:10 | DataFile Name :   | 042CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 53358.00  | 53514.44  | 52869.66  | 53247.37   | 0.63    | ppb   |
| Antimony   | 121-1 | 515.03    | 506.73    | 505.53    | 509.10     | 1.02    | ppb   |
| Arsenic    | 75-2  | 493.48    | 486.32    | 488.28    | 489.36     | 0.76    | ppb   |
| Barium     | 135-1 | 2582.58   | 2534.32   | 2533.39   | 2550.10    | 1.10    | ppb   |
| Barium     | 137-1 | 2595.22   | 2562.20   | 2560.07   | 2572.50    | 0.77    | ppb   |
| Beryllium  | 9-1   | 517.91    | 514.43    | 511.39    | 514.57     | 0.63    | ppb   |
| Bismuth    | 209-1 |           |           |           | 89         |         | %     |
| Bismuth    | 209-2 |           |           |           | 83         |         | %     |
| Boron      | 10-1  | 490.17    | 492.62    | 501.32    | 494.70     | 1.18    | ppb   |
| Boron      | 11-1  | 481.44    | 493.04    | 495.69    | 490.06     | 1.55    | ppb   |
| Cadmium    | 111-1 | 539.66    | 528.62    | 528.01    | 532.10     | 1.23    | ppb   |
| Cadmium    | 106-1 | 535.98    | 531.08    | 537.80    | 534.95     | 0.65    | ppb   |
| Cadmium    | 108-1 | 536.08    | 524.90    | 535.66    | 532.21     | 1.19    | ppb   |
| Calcium    | 43-1  | 251266.62 | 248644.09 | 247014.96 | 248975.22  | 0.86    | ppb   |
| Calcium    | 44-1  | 252935.36 | 248964.78 | 248868.48 | 250256.21  | 0.93    | ppb   |
| Chromium   | 52-2  | 508.58    | 508.14    | 509.28    | 508.67     | 0.11    | ppb   |
| Cobalt     | 59-2  | 500.73    | 499.17    | 497.94    | 499.28     | 0.28    | ppb   |
| Copper     | 63-2  | 1031.37   | 1028.80   | 1036.32   | 1032.16    | 0.37    | 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 |           |           |           | 94         |         | %     |
| Indium     | 115-1 |           |           |           | 88         |         | %     |
| Indium     | 115-2 |           |           |           | 84         |         | %     |
| Iron       | 56-2  | 131415.21 | 131508.33 | 130766.92 | 131230.16  | 0.31    | ppb   |
| Iron       | 57-2  | 132297.88 | 132089.83 | 130744.34 | 131710.68  | 0.64    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 530.74    | 528.79    | 525.70    | 528.41     | 0.48    | ppb   |
| Lead       | 207-1 | 536.26    | 532.47    | 523.45    | 530.73     | 1.24    | ppb   |
| Lead       | 208-1 | 535.60    | 532.25    | 528.69    | 532.18     | 0.65    | ppb   |
| Lithium    | 6-1   |           |           |           | 88         |         | %     |
| Magnesium  | 24-2  | 252952.23 | 252543.33 | 253064.59 | 252853.38  | 0.11    | ppb   |



|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100071            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV26               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV26               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-12-27 14:42:10 | DataFile Name :   | 042CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 1001.15   | 1000.15   | 1006.05   | 1002.45    | 0.31    | ppb   |
| Molybdenum | 94-1  | 2569.34   | 2538.84   | 2533.67   | 2547.28    | 0.76    | ppb   |
| Molybdenum | 95-1  | 2565.18   | 2539.54   | 2548.48   | 2551.07    | 0.51    | ppb   |
| Molybdenum | 96-1  | 2548.76   | 2531.79   | 2538.80   | 2539.78    | 0.34    | ppb   |
| Molybdenum | 97-1  | 2540.21   | 2536.78   | 2536.05   | 2537.68    | 0.09    | ppb   |
| Molybdenum | 98-1  | 2557.56   | 2544.50   | 2548.24   | 2550.10    | 0.26    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 495.27    | 493.69    | 491.94    | 493.63     | 0.34    | ppb   |
| Phosphorus | 31-2  | 10258.19  | 10417.34  | 10221.02  | 10298.85   | 1.01    | ppb   |
| Potassium  | 39-2  | 128396.28 | 128085.18 | 127507.50 | 127996.32  | 0.35    | ppb   |
| Rhodium    | 103-1 |           |           |           | 82         |         | %     |
| Rhodium    | 103-2 |           |           |           | 79         |         | %     |
| Scandium   | 45-1  |           |           |           | 90         |         | %     |
| Scandium   | 45-2  |           |           |           | 88         |         | %     |
| Selenium   | 77-2  | 505.01    | 524.59    | 514.87    | 514.82     | 1.90    | ppb   |
| Selenium   | 78-2  | 525.34    | 519.88    | 530.38    | 525.20     | 1.00    | ppb   |
| Selenium   | 82-1  | 519.29    | 514.84    | 508.06    | 514.06     | 1.10    | ppb   |
| Silicon    | 28-1  | 556.15    | 561.88    | 571.04    | 563.03     | 1.33    | ppb   |
| Silver     | 109-1 | 514.81    | 505.16    | 500.83    | 506.93     | 1.41    | ppb   |
| Silver     | 107-1 | 512.08    | 506.16    | 505.55    | 507.93     | 0.71    | ppb   |
| Sodium     | 23-2  | 250137.96 | 250750.18 | 251128.92 | 250672.36  | 0.20    | ppb   |
| Strontium  | 86-1  | 515.85    | 506.95    | 503.91    | 508.91     | 1.22    | ppb   |
| Strontium  | 88-1  | 516.28    | 508.98    | 509.38    | 511.55     | 0.80    | ppb   |
| Sulfur     | 34-1  | 11122.13  | 10678.92  | 10697.47  | 10832.84   | 2.31    | ppb   |
| Terbium    | 159-1 |           |           |           | 99         |         | %     |
| Terbium    | 159-2 |           |           |           | 93         |         | %     |
| Thallium   | 203-1 | 531.22    | 528.66    | 522.92    | 527.60     | 0.81    | ppb   |
| Thallium   | 205-1 | 544.63    | 541.40    | 541.50    | 542.51     | 0.34    | ppb   |
| Thorium    | 232-1 | 545.44    | 538.61    | 540.99    | 541.68     | 0.64    | ppb   |
| Tin        | 118-1 | 500.57    | 491.17    | 490.55    | 494.10     | 1.14    | ppb   |
| Titanium   | 47-1  | 2577.44   | 2535.47   | 2532.54   | 2548.48    | 0.99    | ppb   |
| Uranium    | 238-1 | 536.38    | 534.38    | 533.79    | 534.85     | 0.25    | ppb   |
| Vanadium   | 51-2  | 514.01    | 515.97    | 512.21    | 514.06     | 0.37    | ppb   |
| Yttrium    | 89-1  |           |           |           | 92         |         | %     |
| Yttrium    | 89-2  |           |           |           | 88         |         | %     |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100071            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV26               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV26               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-12-27 14:42:10 | DataFile Name :   | 042CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 1084.41 | 1090.38 | 1089.82 | 1088.20    | 0.30    | ppb   |
| Zirconium | 90-1 | 514.08  | 507.35  | 508.39  | 509.94     | 0.71    | ppb   |
| Zirconium | 91-1 | 517.94  | 506.73  | 508.17  | 510.95     | 1.19    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB26               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB26               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:47:04 | DataFile Name :   | 043CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.11    | 1.68    | 1.68    | 1.49       | 22.32   | ppb   |
| Antimony   | 121-1 | 0.09    | 0.12    | 0.11    | 0.11       | 14.46   | ppb   |
| Arsenic    | 75-2  | 0.03    | 0.04    | 0.01    | 0.03       | 51.63   | ppb   |
| Barium     | 135-1 | 0.08    | 0.04    | 0.07    | 0.06       | 26.86   | ppb   |
| Barium     | 137-1 | 0.07    | 0.07    | 0.08    | 0.07       | 10.28   | ppb   |
| Beryllium  | 9-1   | 0.05    | 0.03    | 0.05    | 0.05       | 23.66   | ppb   |
| Bismuth    | 209-1 |         |         |         | 111        |         | %     |
| Bismuth    | 209-2 |         |         |         | 100        |         | %     |
| Boron      | 10-1  | 7.39    | 6.66    | 6.56    | 6.87       | 6.59    | ppb   |
| Boron      | 11-1  | 7.49    | 6.48    | 6.56    | 6.84       | 8.25    | ppb   |
| Cadmium    | 111-1 | -0.11   | 0.00    | -0.18   | -0.10      |         | ppb   |
| Cadmium    | 106-1 | -1.69   | -0.24   | -2.54   | -1.49      |         | ppb   |
| Cadmium    | 108-1 | -0.02   | -0.06   | -0.06   | -0.05      |         | ppb   |
| Calcium    | 43-1  | 0.04    | 3.70    | 5.23    | 2.99       | 89.12   | ppb   |
| Calcium    | 44-1  | 2.56    | 4.29    | 3.97    | 3.61       | 25.51   | ppb   |
| Chromium   | 52-2  | -0.08   | -0.05   | -0.04   | -0.06      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.01    | 0.00    | 0.01       | 55.01   | ppb   |
| Copper     | 63-2  | 0.07    | 0.08    | 0.09    | 0.08       | 7.83    | 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 |         |         |         | 109        |         | %     |
| Holmium    | 165-2 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 104        |         | %     |
| Indium     | 115-2 |         |         |         | 97         |         | %     |
| Iron       | 56-2  | 4.17    | 4.12    | 4.55    | 4.28       | 5.54    | ppb   |
| Iron       | 57-2  | 5.09    | 3.81    | 5.01    | 4.64       | 15.54   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.12    | 0.10    | 0.11    | 0.11       | 6.41    | ppb   |
| Lead       | 207-1 | 0.08    | 0.08    | 0.07    | 0.08       | 4.63    | ppb   |
| Lead       | 208-1 | 0.09    | 0.09    | 0.09    | 0.09       | 2.71    | ppb   |
| Lithium    | 6-1   |         |         |         | 101        |         | %     |
| Magnesium  | 24-2  | 7.39    | 6.69    | 6.60    | 6.89       | 6.25    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB26               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB26               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:47:04 | DataFile Name :   | 043CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.01    | 0.03    | 0.03    | 0.02       | 47.20   | ppb   |
| Molybdenum | 94-1  | 0.27    | 0.26    | 0.24    | 0.26       | 4.88    | ppb   |
| Molybdenum | 95-1  | 0.33    | 0.32    | 0.26    | 0.30       | 13.12   | ppb   |
| Molybdenum | 96-1  | 0.34    | 0.27    | 0.23    | 0.28       | 19.97   | ppb   |
| Molybdenum | 97-1  | 0.33    | 0.22    | 0.22    | 0.26       | 26.06   | ppb   |
| Molybdenum | 98-1  | 0.29    | 0.27    | 0.24    | 0.27       | 8.99    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.01    | 0.01    | 0.01    | 0.01       | 27.48   | ppb   |
| Phosphorus | 31-2  | -49.64  | -51.78  | -51.69  | -51.03     |         | ppb   |
| Potassium  | 39-2  | 8.62    | 9.60    | 11.24   | 9.82       | 13.48   | ppb   |
| Rhodium    | 103-1 |         |         |         | 102        |         | %     |
| Rhodium    | 103-2 |         |         |         | 96         |         | %     |
| Scandium   | 45-1  |         |         |         | 102        |         | %     |
| Scandium   | 45-2  |         |         |         | 96         |         | %     |
| Selenium   | 77-2  | 0.00    | 0.43    | 0.00    | 0.14       | 173.21  | ppb   |
| Selenium   | 78-2  | 0.20    | 0.11    | 0.24    | 0.18       | 36.70   | ppb   |
| Selenium   | 82-1  | 0.13    | 0.13    | 0.31    | 0.19       | 56.48   | ppb   |
| Silicon    | 28-1  | 3.85    | 3.66    | 3.60    | 3.70       | 3.51    | ppb   |
| Silver     | 109-1 | 0.02    | 0.02    | 0.01    | 0.02       | 20.20   | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.02    | 0.01       | 42.86   | ppb   |
| Sodium     | 23-2  | 10.27   | 9.05    | 9.40    | 9.58       | 6.57    | ppb   |
| Strontium  | 86-1  | -0.03   | -0.07   | -0.05   | -0.05      |         | ppb   |
| Strontium  | 88-1  | 0.01    | 0.01    | 0.01    | 0.01       | 43.05   | ppb   |
| Sulfur     | 34-1  | 62.05   | 36.40   | 5.43    | 34.63      | 81.87   | ppb   |
| Terbium    | 159-1 |         |         |         | 108        |         | %     |
| Terbium    | 159-2 |         |         |         | 99         |         | %     |
| Thallium   | 203-1 | 0.06    | 0.06    | 0.07    | 0.06       | 7.13    | ppb   |
| Thallium   | 205-1 | 0.07    | 0.06    | 0.06    | 0.06       | 8.41    | ppb   |
| Thorium    | 232-1 | 0.14    | 0.12    | 0.11    | 0.12       | 13.92   | ppb   |
| Tin        | 118-1 | 0.08    | 0.07    | 0.07    | 0.08       | 5.98    | ppb   |
| Titanium   | 47-1  | 0.05    | 0.09    | 0.05    | 0.06       | 45.34   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 14.01   | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.01    | 0.02    | 0.01       | 12.53   | ppb   |
| Yttrium    | 89-1  |         |         |         | 103        |         | %     |
| Yttrium    | 89-2  |         |         |         | 96         |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB26               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB26               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:47:04 | DataFile Name :   | 043CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 0.08    | 0.00    | 0.07    | 0.05       | 85.38   | ppb   |
| Zirconium | 90-1 | 0.05    | 0.05    | 0.03    | 0.04       | 24.23   | ppb   |
| Zirconium | 91-1 | 0.05    | 0.04    | 0.03    | 0.04       | 29.34   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-13            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS015-0006-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:51:25 | DataFile Name :   | 044SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 86791.48  | 86238.90  | 86322.96  | 86451.11   | 0.34    | ppb   |
| Antimony   | 121-1 | 3.13      | 3.05      | 2.97      | 3.05       | 2.71    | ppb   |
| Arsenic    | 75-2  | 22.61     | 22.49     | 22.13     | 22.41      | 1.10    | ppb   |
| Barium     | 135-1 | 1572.42   | 1580.58   | 1585.59   | 1579.53    | 0.42    | ppb   |
| Barium     | 137-1 | 1581.53   | 1590.17   | 1582.55   | 1584.75    | 0.30    | ppb   |
| Beryllium  | 9-1   | 5.14      | 5.14      | 4.89      | 5.05       | 2.89    | ppb   |
| Bismuth    | 209-1 |           |           |           | 102        |         | %     |
| Bismuth    | 209-2 |           |           |           | 94         |         | %     |
| Boron      | 10-1  | 13.90     | 12.84     | 13.84     | 13.53      | 4.43    | ppb   |
| Boron      | 11-1  | 14.12     | 13.61     | 13.52     | 13.75      | 2.34    | ppb   |
| Cadmium    | 111-1 | 3.35      | 3.18      | 3.20      | 3.24       | 2.91    | ppb   |
| Cadmium    | 106-1 | 8.98      | 7.98      | 6.30      | 7.75       | 17.49   | ppb   |
| Cadmium    | 108-1 | 4.91      | 4.72      | 4.57      | 4.73       | 3.61    | ppb   |
| Calcium    | 43-1  | 10670.58  | 10549.59  | 10611.92  | 10610.70   | 0.57    | ppb   |
| Calcium    | 44-1  | 10693.28  | 10624.19  | 10634.24  | 10650.57   | 0.35    | ppb   |
| Chromium   | 52-2  | 99.32     | 99.13     | 100.02    | 99.49      | 0.47    | ppb   |
| Cobalt     | 59-2  | 40.01     | 40.33     | 40.80     | 40.38      | 0.99    | ppb   |
| Copper     | 63-2  | 211.81    | 213.90    | 213.55    | 213.09     | 0.52    | 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 |           |           |           | 107        |         | %     |
| Holmium    | 165-2 |           |           |           | 101        |         | %     |
| Indium     | 115-1 |           |           |           | 98         |         | %     |
| Indium     | 115-2 |           |           |           | 94         |         | %     |
| Iron       | 56-2  | 114272.44 | 113479.85 | 114049.21 | 113933.83  | 0.36    | ppb   |
| Iron       | 57-2  | 113718.38 | 113031.96 | 113470.21 | 113406.85  | 0.31    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 776.78    | 766.94    | 779.01    | 774.24     | 0.83    | ppb   |
| Lead       | 207-1 | 727.63    | 719.27    | 726.76    | 724.55     | 0.63    | ppb   |
| Lead       | 208-1 | 754.94    | 749.14    | 754.78    | 752.95     | 0.44    | ppb   |
| Lithium    | 6-1   |           |           |           | 99         |         | %     |
| Magnesium  | 24-2  | 17250.28  | 17138.73  | 17131.15  | 17173.39   | 0.39    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-13            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS015-0006-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:51:25 | DataFile Name :   | 044SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 2620.30  | 2616.40  | 2630.11  | 2622.27    | 0.27    | ppb   |
| Molybdenum | 94-1  | 21.44    | 21.47    | 21.06    | 21.32      | 1.06    | ppb   |
| Molybdenum | 95-1  | 4.65     | 4.53     | 4.50     | 4.56       | 1.75    | ppb   |
| Molybdenum | 96-1  | 7.56     | 7.33     | 7.30     | 7.40       | 1.89    | ppb   |
| Molybdenum | 97-1  | 4.35     | 4.45     | 4.49     | 4.43       | 1.66    | ppb   |
| Molybdenum | 98-1  | 4.61     | 4.46     | 4.61     | 4.56       | 1.91    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 109.44   | 110.55   | 111.23   | 110.41     | 0.82    | ppb   |
| Phosphorus | 31-2  | 7255.43  | 7189.06  | 6931.99  | 7125.49    | 2.40    | ppb   |
| Potassium  | 39-2  | 3471.90  | 3473.09  | 3454.94  | 3466.64    | 0.29    | ppb   |
| Rhodium    | 103-1 |          |          |          | 95         |         | %     |
| Rhodium    | 103-2 |          |          |          | 91         |         | %     |
| Scandium   | 45-1  |          |          |          | 103        |         | %     |
| Scandium   | 45-2  |          |          |          | 98         |         | %     |
| Selenium   | 77-2  | 50.63    | 50.77    | 49.11    | 50.17      | 1.83    | ppb   |
| Selenium   | 78-2  | 15.11    | 12.57    | 15.74    | 14.47      | 11.59   | ppb   |
| Selenium   | 82-1  | 7.16     | 7.24     | 7.07     | 7.16       | 1.19    | ppb   |
| Silicon    | 28-1  | 13614.69 | 13439.48 | 13569.26 | 13541.14   | 0.67    | ppb   |
| Silver     | 109-1 | 0.60     | 0.59     | 0.58     | 0.59       | 1.90    | ppb   |
| Silver     | 107-1 | 0.61     | 0.54     | 0.63     | 0.59       | 7.69    | ppb   |
| Sodium     | 23-2  | 900.01   | 896.72   | 906.20   | 900.97     | 0.53    | ppb   |
| Strontium  | 86-1  | 70.97    | 71.57    | 71.38    | 71.31      | 0.43    | ppb   |
| Strontium  | 88-1  | 72.05    | 71.34    | 71.52    | 71.64      | 0.52    | ppb   |
| Sulfur     | 34-1  | 10828.83 | 10314.16 | 10385.01 | 10509.33   | 2.65    | ppb   |
| Terbium    | 159-1 |          |          |          | 105        |         | %     |
| Terbium    | 159-2 |          |          |          | 100        |         | %     |
| Thallium   | 203-1 | 0.79     | 0.80     | 0.82     | 0.80       | 1.63    | ppb   |
| Thallium   | 205-1 | 0.78     | 0.79     | 0.79     | 0.79       | 1.16    | ppb   |
| Thorium    | 232-1 | 5.26     | 5.27     | 5.22     | 5.25       | 0.57    | ppb   |
| Tin        | 118-1 | 2.98     | 3.02     | 3.04     | 3.01       | 0.95    | ppb   |
| Titanium   | 47-1  | 312.73   | 312.86   | 313.76   | 313.11     | 0.18    | ppb   |
| Uranium    | 238-1 | 5.05     | 5.06     | 5.06     | 5.06       | 0.13    | ppb   |
| Vanadium   | 51-2  | 115.87   | 115.48   | 116.14   | 115.83     | 0.29    | ppb   |
| Yttrium    | 89-1  |          |          |          | 127        |         | %     |
| Yttrium    | 89-2  |          |          |          | 122        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-13            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS015-0006-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:51:25 | DataFile Name :   | 044SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 393.80  | 396.75  | 399.23  | 396.60     | 0.69    | ppb   |
| Zirconium | 90-1 | 11.69   | 11.73   | 11.59   | 11.67      | 0.64    | ppb   |
| Zirconium | 91-1 | 11.81   | 11.86   | 11.65   | 11.78      | 0.95    | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-01DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-0006-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 14:55:03  | DataFile Name :   | 045SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 23396.43 | 23623.27 | 23865.94 | 23628.55   | 0.99    | ppb   |
| Antimony   | 121-1 | 0.09     | 0.10     | 0.09     | 0.09       | 4.24    | ppb   |
| Arsenic    | 75-2  | 12.51    | 12.56    | 12.63    | 12.57      | 0.52    | ppb   |
| Barium     | 135-1 | 345.96   | 355.91   | 346.78   | 349.55     | 1.58    | ppb   |
| Barium     | 137-1 | 345.75   | 354.82   | 343.93   | 348.17     | 1.68    | ppb   |
| Beryllium  | 9-1   | 1.35     | 1.56     | 1.39     | 1.43       | 7.87    | ppb   |
| Bismuth    | 209-1 |          |          |          | 107        |         | %     |
| Bismuth    | 209-2 |          |          |          | 98         |         | %     |
| Boron      | 10-1  | 5.31     | 6.09     | 5.33     | 5.58       | 7.91    | ppb   |
| Boron      | 11-1  | 5.70     | 5.48     | 5.22     | 5.47       | 4.42    | ppb   |
| Cadmium    | 111-1 | 0.28     | 0.25     | 0.31     | 0.28       | 11.28   | ppb   |
| Cadmium    | 106-1 | -0.52    | -1.11    | 0.27     | -0.45      |         | ppb   |
| Cadmium    | 108-1 | 1.28     | 1.09     | 1.19     | 1.19       | 7.98    | ppb   |
| Calcium    | 43-1  | 7508.18  | 7764.84  | 7554.03  | 7609.02    | 1.80    | ppb   |
| Calcium    | 44-1  | 7491.46  | 7776.57  | 7557.90  | 7608.65    | 1.96    | ppb   |
| Chromium   | 52-2  | 32.12    | 32.12    | 32.19    | 32.14      | 0.12    | ppb   |
| Cobalt     | 59-2  | 22.24    | 22.61    | 22.64    | 22.50      | 0.98    | ppb   |
| Copper     | 63-2  | 56.86    | 57.49    | 57.53    | 57.29      | 0.65    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 108        |         | %     |
| Holmium    | 165-2 |          |          |          | 101        |         | %     |
| Indium     | 115-1 |          |          |          | 101        |         | %     |
| Indium     | 115-2 |          |          |          | 97         |         | %     |
| Iron       | 56-2  | 54966.76 | 55204.74 | 55400.95 | 55190.82   | 0.39    | ppb   |
| Iron       | 57-2  | 53737.19 | 54242.86 | 54551.82 | 54177.29   | 0.76    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 424.28   | 434.62   | 419.40   | 426.10     | 1.82    | ppb   |
| Lead       | 207-1 | 376.02   | 390.87   | 376.42   | 381.10     | 2.22    | ppb   |
| Lead       | 208-1 | 399.05   | 413.06   | 400.04   | 404.05     | 1.94    | ppb   |
| Lithium    | 6-1   |          |          |          | 101        |         | %     |
| Magnesium  | 24-2  | 10596.13 | 10771.80 | 10765.90 | 10711.28   | 0.93    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-01DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS012-0006-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 14:55:03 DataFile Name : 045SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 2073.82  | 2089.54 | 2088.47 | 2083.94    | 0.42    | ppb   |
| Molybdenum | 94-1  | 10.13    | 10.50   | 9.78    | 10.14      | 3.55    | ppb   |
| Molybdenum | 95-1  | 0.92     | 0.95    | 0.87    | 0.91       | 4.13    | ppb   |
| Molybdenum | 96-1  | 2.51     | 2.72    | 2.43    | 2.56       | 5.93    | ppb   |
| Molybdenum | 97-1  | 0.96     | 0.97    | 0.95    | 0.96       | 1.14    | ppb   |
| Molybdenum | 98-1  | 0.92     | 0.90    | 0.92    | 0.91       | 1.49    | ppb   |
| Neodymium  | 150-1 |          |         |         |            |         | cps   |
| Neodymium  | 150-2 |          |         |         |            |         | cps   |
| Nickel     | 60-2  | 47.42    | 48.01   | 47.03   | 47.49      | 1.03    | ppb   |
| Phosphorus | 31-2  | 1005.10  | 1066.84 | 1070.00 | 1047.32    | 3.49    | ppb   |
| Potassium  | 39-2  | 1190.78  | 1223.23 | 1213.23 | 1209.08    | 1.37    | ppb   |
| Rhodium    | 103-1 |          |         |         | 100        |         | %     |
| Rhodium    | 103-2 |          |         |         | 94         |         | %     |
| Scandium   | 45-1  |          |         |         | 102        |         | %     |
| Scandium   | 45-2  |          |         |         | 98         |         | %     |
| Selenium   | 77-2  | 11.26    | 10.31   | 14.76   | 12.11      | 19.32   | ppb   |
| Selenium   | 78-2  | 3.54     | 3.08    | 4.30    | 3.64       | 16.90   | ppb   |
| Selenium   | 82-1  | 0.86     | 1.13    | 0.58    | 0.86       | 31.86   | ppb   |
| Silicon    | 28-1  | 1287.65  | 1328.86 | 1294.07 | 1303.53    | 1.70    | ppb   |
| Silver     | 109-1 | 0.09     | 0.08    | 0.07    | 0.08       | 13.50   | ppb   |
| Silver     | 107-1 | 0.08     | 0.09    | 0.09    | 0.09       | 8.66    | ppb   |
| Sodium     | 23-2  | 134.06   | 131.41  | 130.91  | 132.13     | 1.28    | ppb   |
| Strontium  | 86-1  | 35.64    | 37.21   | 35.76   | 36.20      | 2.41    | ppb   |
| Strontium  | 88-1  | 35.77    | 37.40   | 35.81   | 36.33      | 2.55    | ppb   |
| Sulfur     | 34-1  | -1049.90 | -834.99 | -887.89 | -924.26    |         | ppb   |
| Terbium    | 159-1 |          |         |         | 107        |         | %     |
| Terbium    | 159-2 |          |         |         | 101        |         | %     |
| Thallium   | 203-1 | 0.15     | 0.15    | 0.13    | 0.14       | 7.42    | ppb   |
| Thallium   | 205-1 | 0.14     | 0.15    | 0.14    | 0.14       | 3.59    | ppb   |
| Thorium    | 232-1 | 5.39     | 5.44    | 5.35    | 5.39       | 0.83    | ppb   |
| Tin        | 118-1 | 0.40     | 0.40    | 0.44    | 0.41       | 5.27    | ppb   |
| Titanium   | 47-1  | 41.56    | 44.34   | 41.85   | 42.58      | 3.59    | ppb   |
| Uranium    | 238-1 | 0.59     | 0.58    | 0.58    | 0.59       | 0.39    | ppb   |
| Vanadium   | 51-2  | 31.45    | 32.30   | 32.18   | 31.98      | 1.44    | ppb   |
| Yttrium    | 89-1  |          |         |         | 110        |         | %     |
| Yttrium    | 89-2  |          |         |         | 103        |         | %     |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-01DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-0006-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 14:55:03  | DataFile Name :   | 045SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 190.26  | 193.73  | 193.74  | 192.57     | 1.04    | ppb   |
| Zirconium | 90-1 | 6.02    | 6.22    | 6.02    | 6.09       | 1.94    | ppb   |
| Zirconium | 91-1 | 6.03    | 6.23    | 6.12    | 6.13       | 1.66    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-01DUPDLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS012-0006-01DU Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 14:58:37 DataFile Name : 046SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 24057.92 | 23775.36 | 23326.52 | 23719.93   | 1.55    | ppb   |
| Antimony   | 121-1 | 0.09     | 0.07     | 0.09     | 0.09       | 15.88   | ppb   |
| Arsenic    | 75-2  | 13.11    | 12.44    | 12.26    | 12.61      | 3.55    | ppb   |
| Barium     | 135-1 | 348.86   | 343.27   | 336.36   | 342.83     | 1.83    | ppb   |
| Barium     | 137-1 | 350.69   | 346.45   | 338.40   | 345.18     | 1.81    | ppb   |
| Beryllium  | 9-1   | 1.46     | 1.48     | 1.33     | 1.42       | 5.62    | ppb   |
| Bismuth    | 209-1 |          |          |          | 106        |         | %     |
| Bismuth    | 209-2 |          |          |          | 96         |         | %     |
| Boron      | 10-1  | 4.95     | 5.68     | 5.00     | 5.21       | 7.81    | ppb   |
| Boron      | 11-1  | 5.49     | 5.34     | 5.07     | 5.30       | 3.94    | ppb   |
| Cadmium    | 111-1 | 0.31     | 0.29     | 0.22     | 0.27       | 16.25   | ppb   |
| Cadmium    | 106-1 | -0.19    | 0.33     | -0.43    | -0.10      |         | ppb   |
| Cadmium    | 108-1 | 1.39     | 1.04     | 1.11     | 1.18       | 15.78   | ppb   |
| Calcium    | 43-1  | 7499.83  | 7489.01  | 7376.87  | 7455.24    | 0.91    | ppb   |
| Calcium    | 44-1  | 7539.53  | 7449.37  | 7436.75  | 7475.22    | 0.75    | ppb   |
| Chromium   | 52-2  | 32.24    | 32.40    | 31.88    | 32.17      | 0.83    | ppb   |
| Cobalt     | 59-2  | 23.08    | 22.66    | 22.48    | 22.74      | 1.35    | ppb   |
| Copper     | 63-2  | 57.58    | 57.15    | 56.89    | 57.21      | 0.61    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 108        |         | %     |
| Holmium    | 165-2 |          |          |          | 99         |         | %     |
| Indium     | 115-1 |          |          |          | 101        |         | %     |
| Indium     | 115-2 |          |          |          | 95         |         | %     |
| Iron       | 56-2  | 56151.32 | 55673.75 | 54621.95 | 55482.34   | 1.41    | ppb   |
| Iron       | 57-2  | 54886.69 | 54449.28 | 53965.00 | 54433.66   | 0.85    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 420.69   | 424.36   | 419.09   | 421.38     | 0.64    | ppb   |
| Lead       | 207-1 | 379.22   | 379.35   | 376.09   | 378.22     | 0.49    | ppb   |
| Lead       | 208-1 | 399.97   | 399.99   | 398.39   | 399.45     | 0.23    | ppb   |
| Lithium    | 6-1   |          |          |          | 100        |         | %     |
| Magnesium  | 24-2  | 10876.84 | 10733.39 | 10575.75 | 10728.66   | 1.40    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-01DUPDLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS012-0006-01DU Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 14:58:37 DataFile Name : 046SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 2100.54 | 2080.32 | 2072.64 | 2084.50    | 0.69    | ppb   |
| Molybdenum | 94-1  | 9.86    | 9.95    | 10.13   | 9.98       | 1.38    | ppb   |
| Molybdenum | 95-1  | 0.89    | 0.96    | 0.93    | 0.93       | 3.57    | ppb   |
| Molybdenum | 96-1  | 2.54    | 2.55    | 2.39    | 2.49       | 3.63    | ppb   |
| Molybdenum | 97-1  | 0.88    | 0.91    | 1.08    | 0.95       | 11.42   | ppb   |
| Molybdenum | 98-1  | 0.89    | 0.89    | 0.85    | 0.88       | 2.85    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 48.54   | 47.24   | 47.73   | 47.84      | 1.37    | ppb   |
| Phosphorus | 31-2  | 950.62  | 1062.58 | 1085.69 | 1032.96    | 6.99    | ppb   |
| Potassium  | 39-2  | 1224.55 | 1203.77 | 1194.59 | 1207.64    | 1.27    | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Rhodium    | 103-2 |         |         |         | 93         |         | %     |
| Scandium   | 45-1  |         |         |         | 102        |         | %     |
| Scandium   | 45-2  |         |         |         | 96         |         | %     |
| Selenium   | 77-2  | 11.88   | 17.76   | 13.75   | 14.46      | 20.76   | ppb   |
| Selenium   | 78-2  | 2.75    | 3.16    | 2.83    | 2.91       | 7.36    | ppb   |
| Selenium   | 82-1  | 0.83    | 0.98    | 0.85    | 0.89       | 9.10    | ppb   |
| Silicon    | 28-1  | 1346.64 | 1327.78 | 1323.46 | 1332.62    | 0.93    | ppb   |
| Silver     | 109-1 | 0.08    | 0.07    | 0.06    | 0.07       | 15.53   | ppb   |
| Silver     | 107-1 | 0.08    | 0.08    | 0.09    | 0.08       | 4.19    | ppb   |
| Sodium     | 23-2  | 94.81   | 96.78   | 91.05   | 94.21      | 3.09    | ppb   |
| Strontium  | 86-1  | 35.95   | 35.55   | 35.26   | 35.59      | 0.97    | ppb   |
| Strontium  | 88-1  | 36.27   | 36.06   | 35.18   | 35.83      | 1.61    | ppb   |
| Sulfur     | 34-1  | -726.86 | -700.49 | -840.16 | -755.84    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 107        |         | %     |
| Terbium    | 159-2 |         |         |         | 99         |         | %     |
| Thallium   | 203-1 | 0.17    | 0.14    | 0.13    | 0.14       | 13.69   | ppb   |
| Thallium   | 205-1 | 0.13    | 0.14    | 0.15    | 0.14       | 5.95    | ppb   |
| Thorium    | 232-1 | 5.33    | 5.37    | 5.32    | 5.34       | 0.55    | ppb   |
| Tin        | 118-1 | 0.34    | 0.39    | 0.38    | 0.37       | 6.53    | ppb   |
| Titanium   | 47-1  | 42.32   | 41.18   | 41.60   | 41.70      | 1.38    | ppb   |
| Uranium    | 238-1 | 0.58    | 0.58    | 0.57    | 0.58       | 0.91    | ppb   |
| Vanadium   | 51-2  | 32.47   | 31.93   | 32.26   | 32.22      | 0.83    | ppb   |
| Yttrium    | 89-1  |         |         |         | 110        |         | %     |
| Yttrium    | 89-2  |         |         |         | 102        |         | %     |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-01DUPDLX5      | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-0006-01DU | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 14:58:37  | DataFile Name :   | 046SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 195.18  | 193.84  | 187.31  | 192.11     | 2.19    | ppb   |
| Zirconium | 90-1 | 6.15    | 6.19    | 6.00    | 6.11       | 1.68    | ppb   |
| Zirconium | 91-1 | 6.05    | 6.06    | 6.08    | 6.06       | 0.28    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-01LDLX25 Instrumnet Name : P7  
 Client Sample ID : P001-SS012-0006-01LDI Dilution Factor : 25  
 Date & Time Acquired :: 2018-12-27 15:02:12 DataFile Name : 047SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 4595.79  | 5606.48  | 4903.38  | 5035.22    | 10.29   | ppb   |
| Antimony   | 121-1 | 0.03     | 0.02     | 0.01     | 0.02       | 37.22   | ppb   |
| Arsenic    | 75-2  | 2.45     | 3.29     | 2.76     | 2.83       | 14.88   | ppb   |
| Barium     | 135-1 | 69.49    | 67.40    | 67.03    | 67.97      | 1.95    | ppb   |
| Barium     | 137-1 | 68.51    | 67.09    | 67.73    | 67.78      | 1.05    | ppb   |
| Beryllium  | 9-1   | 0.28     | 0.28     | 0.26     | 0.28       | 3.67    | ppb   |
| Bismuth    | 209-1 |          |          |          | 108        |         | %     |
| Bismuth    | 209-2 |          |          |          | 94         |         | %     |
| Boron      | 10-1  | 1.92     | 1.53     | 1.96     | 1.80       | 13.11   | ppb   |
| Boron      | 11-1  | 2.02     | 1.86     | 2.11     | 2.00       | 6.27    | ppb   |
| Cadmium    | 111-1 | -0.05    | -0.06    | -0.10    | -0.07      |         | ppb   |
| Cadmium    | 106-1 | -1.46    | -1.63    | -2.19    | -1.76      |         | ppb   |
| Cadmium    | 108-1 | 0.05     | 0.23     | 0.12     | 0.14       | 66.52   | ppb   |
| Calcium    | 43-1  | 1512.42  | 1464.35  | 1434.14  | 1470.30    | 2.69    | ppb   |
| Calcium    | 44-1  | 1507.28  | 1484.74  | 1479.67  | 1490.56    | 0.99    | ppb   |
| Chromium   | 52-2  | 6.21     | 7.48     | 6.63     | 6.77       | 9.51    | ppb   |
| Cobalt     | 59-2  | 4.48     | 5.38     | 4.67     | 4.84       | 9.82    | ppb   |
| Copper     | 63-2  | 11.32    | 13.51    | 12.16    | 12.33      | 8.96    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 108        |         | %     |
| Holmium    | 165-2 |          |          |          | 94         |         | %     |
| Indium     | 115-1 |          |          |          | 102        |         | %     |
| Indium     | 115-2 |          |          |          | 91         |         | %     |
| Iron       | 56-2  | 10892.95 | 13218.67 | 11386.36 | 11832.66   | 10.36   | ppb   |
| Iron       | 57-2  | 10645.70 | 12905.01 | 11203.47 | 11584.73   | 10.16   | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 82.98    | 81.42    | 80.39    | 81.60      | 1.60    | ppb   |
| Lead       | 207-1 | 74.60    | 72.88    | 72.16    | 73.22      | 1.71    | ppb   |
| Lead       | 208-1 | 77.46    | 76.39    | 75.20    | 76.35      | 1.48    | ppb   |
| Lithium    | 6-1   |          |          |          | 99         |         | %     |
| Magnesium  | 24-2  | 2101.63  | 2501.52  | 2192.97  | 2265.38    | 9.25    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-01LDLX25 Instrumnet Name : P7  
 Client Sample ID : P001-SS012-0006-01LDI Dilution Factor : 25  
 Date & Time Acquired :: 2018-12-27 15:02:12 DataFile Name : 047SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 408.76   | 498.42   | 428.13   | 445.10     | 10.60   | ppb   |
| Molybdenum | 94-1  | 2.09     | 2.14     | 2.05     | 2.09       | 2.02    | ppb   |
| Molybdenum | 95-1  | 0.22     | 0.18     | 0.17     | 0.19       | 13.84   | ppb   |
| Molybdenum | 96-1  | 0.46     | 0.49     | 0.52     | 0.49       | 6.51    | ppb   |
| Molybdenum | 97-1  | 0.17     | 0.16     | 0.18     | 0.17       | 5.84    | ppb   |
| Molybdenum | 98-1  | 0.19     | 0.19     | 0.19     | 0.19       | 1.22    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 9.53     | 11.09    | 9.92     | 10.18      | 7.96    | ppb   |
| Phosphorus | 31-2  | 200.06   | 230.77   | 155.28   | 195.37     | 19.43   | ppb   |
| Potassium  | 39-2  | 234.23   | 296.13   | 250.75   | 260.37     | 12.31   | ppb   |
| Rhodium    | 103-1 |          |          |          | 101        |         | %     |
| Rhodium    | 103-2 |          |          |          | 89         |         | %     |
| Scandium   | 45-1  |          |          |          | 101        |         | %     |
| Scandium   | 45-2  |          |          |          | 90         |         | %     |
| Selenium   | 77-2  | 3.78     | 5.97     | 3.07     | 4.27       | 35.38   | ppb   |
| Selenium   | 78-2  | 0.28     | 1.04     | 0.95     | 0.76       | 55.04   | ppb   |
| Selenium   | 82-1  | 0.33     | 0.39     | 0.11     | 0.28       | 51.97   | ppb   |
| Silicon    | 28-1  | 268.53   | 267.26   | 265.98   | 267.26     | 0.48    | ppb   |
| Silver     | 109-1 | 0.01     | 0.02     | 0.02     | 0.01       | 37.62   | ppb   |
| Silver     | 107-1 | 0.01     | 0.02     | 0.01     | 0.01       | 30.08   | ppb   |
| Sodium     | 23-2  | 19.67    | 28.46    | 22.32    | 23.48      | 19.19   | ppb   |
| Strontium  | 86-1  | 7.34     | 7.10     | 7.21     | 7.22       | 1.67    | ppb   |
| Strontium  | 88-1  | 7.55     | 7.32     | 7.25     | 7.37       | 2.12    | ppb   |
| Sulfur     | 34-1  | -1263.52 | -1309.65 | -1351.86 | -1308.34   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 107        |         | %     |
| Terbium    | 159-2 |          |          |          | 94         |         | %     |
| Thallium   | 203-1 | 0.05     | 0.04     | 0.04     | 0.05       | 20.28   | ppb   |
| Thallium   | 205-1 | 0.05     | 0.04     | 0.04     | 0.04       | 3.77    | ppb   |
| Thorium    | 232-1 | 1.03     | 1.02     | 1.02     | 1.02       | 0.77    | ppb   |
| Tin        | 118-1 | 0.11     | 0.11     | 0.10     | 0.11       | 7.21    | ppb   |
| Titanium   | 47-1  | 8.40     | 8.51     | 8.59     | 8.50       | 1.12    | ppb   |
| Uranium    | 238-1 | 0.12     | 0.12     | 0.11     | 0.12       | 4.46    | ppb   |
| Vanadium   | 51-2  | 6.26     | 7.61     | 6.69     | 6.85       | 10.06   | ppb   |
| Yttrium    | 89-1  |          |          |          | 104        |         | %     |
| Yttrium    | 89-2  |          |          |          | 92         |         | %     |



|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB100071              | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-01LDLX25        | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-0006-01LDI | Dilution Factor : | 25        |
| Date & Time Acquired :: | 2018-12-27 15:02:12   | DataFile Name :   | 047SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 39.11   | 47.48   | 40.83   | 42.48      | 10.40   | ppb   |
| Zirconium | 90-1 | 1.21    | 1.27    | 1.23    | 1.24       | 2.42    | ppb   |
| Zirconium | 91-1 | 1.33    | 1.26    | 1.24    | 1.28       | 3.88    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-01MSDLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS012-0006-01MS Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 15:05:47 DataFile Name : 048SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 26959.89 | 26905.24 | 27238.62 | 27034.58   | 0.66    | ppb   |
| Antimony   | 121-1 | 60.80    | 60.59    | 60.27    | 60.55      | 0.44    | ppb   |
| Arsenic    | 75-2  | 108.81   | 109.72   | 109.45   | 109.32     | 0.43    | ppb   |
| Barium     | 135-1 | 839.13   | 824.37   | 832.61   | 832.04     | 0.89    | ppb   |
| Barium     | 137-1 | 839.23   | 833.59   | 827.47   | 833.43     | 0.71    | ppb   |
| Beryllium  | 9-1   | 104.67   | 105.31   | 105.37   | 105.12     | 0.37    | ppb   |
| Bismuth    | 209-1 |          |          |          | 103        |         | %     |
| Bismuth    | 209-2 |          |          |          | 95         |         | %     |
| Boron      | 10-1  | 91.95    | 94.04    | 96.60    | 94.20      | 2.47    | ppb   |
| Boron      | 11-1  | 94.81    | 95.04    | 96.27    | 95.37      | 0.82    | ppb   |
| Cadmium    | 111-1 | 106.00   | 105.84   | 105.69   | 105.85     | 0.15    | ppb   |
| Cadmium    | 106-1 | 109.72   | 110.27   | 106.21   | 108.73     | 2.03    | ppb   |
| Cadmium    | 108-1 | 104.65   | 103.33   | 108.33   | 105.44     | 2.46    | ppb   |
| Calcium    | 43-1  | 15839.81 | 15505.04 | 15874.76 | 15739.87   | 1.30    | ppb   |
| Calcium    | 44-1  | 15831.15 | 15810.74 | 15938.33 | 15860.07   | 0.43    | ppb   |
| Chromium   | 52-2  | 133.33   | 132.62   | 133.71   | 133.22     | 0.42    | ppb   |
| Cobalt     | 59-2  | 125.83   | 124.22   | 126.24   | 125.43     | 0.85    | ppb   |
| Copper     | 63-2  | 259.62   | 257.25   | 262.14   | 259.67     | 0.94    | 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 |          |          |          | 97         |         | %     |
| Indium     | 115-2 |          |          |          | 93         |         | %     |
| Iron       | 56-2  | 62967.68 | 62630.16 | 63217.97 | 62938.60   | 0.47    | ppb   |
| Iron       | 57-2  | 61488.27 | 61029.67 | 61941.36 | 61486.43   | 0.74    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 518.11   | 519.54   | 525.69   | 521.11     | 0.77    | ppb   |
| Lead       | 207-1 | 473.76   | 468.80   | 475.85   | 472.80     | 0.77    | ppb   |
| Lead       | 208-1 | 498.17   | 495.34   | 501.44   | 498.32     | 0.61    | ppb   |
| Lithium    | 6-1   |          |          |          | 96         |         | %     |
| Magnesium  | 24-2  | 20953.62 | 21205.10 | 21315.26 | 21158.00   | 0.88    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-01MSDLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS012-0006-01MS Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 15:05:47 DataFile Name : 048SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 2230.74 | 2212.46 | 2230.86 | 2224.69    | 0.48    | ppb   |
| Molybdenum | 94-1  | 457.78  | 458.38  | 458.07  | 458.08     | 0.07    | ppb   |
| Molybdenum | 95-1  | 442.44  | 444.99  | 444.98  | 444.14     | 0.33    | ppb   |
| Molybdenum | 96-1  | 446.02  | 445.60  | 446.34  | 445.99     | 0.08    | ppb   |
| Molybdenum | 97-1  | 439.44  | 443.95  | 443.18  | 442.19     | 0.55    | ppb   |
| Molybdenum | 98-1  | 444.68  | 441.89  | 446.22  | 444.27     | 0.49    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 152.74  | 152.40  | 152.43  | 152.53     | 0.12    | ppb   |
| Phosphorus | 31-2  | 1030.28 | 944.86  | 981.93  | 985.69     | 4.35    | ppb   |
| Potassium  | 39-2  | 6028.58 | 6031.35 | 6098.02 | 6052.65    | 0.65    | ppb   |
| Rhodium    | 103-1 |         |         |         | 95         |         | %     |
| Rhodium    | 103-2 |         |         |         | 90         |         | %     |
| Scandium   | 45-1  |         |         |         | 99         |         | %     |
| Scandium   | 45-2  |         |         |         | 94         |         | %     |
| Selenium   | 77-2  | 107.86  | 110.69  | 109.56  | 109.37     | 1.30    | ppb   |
| Selenium   | 78-2  | 99.08   | 96.21   | 102.98  | 99.42      | 3.42    | ppb   |
| Selenium   | 82-1  | 95.01   | 95.90   | 94.74   | 95.22      | 0.64    | ppb   |
| Silicon    | 28-1  | 1667.48 | 1649.78 | 1668.93 | 1662.06    | 0.64    | ppb   |
| Silver     | 109-1 | 98.13   | 96.40   | 96.62   | 97.05      | 0.98    | ppb   |
| Silver     | 107-1 | 98.86   | 97.19   | 97.85   | 97.97      | 0.85    | ppb   |
| Sodium     | 23-2  | 9264.71 | 9304.63 | 9418.51 | 9329.28    | 0.86    | ppb   |
| Strontium  | 86-1  | 124.66  | 125.05  | 126.14  | 125.28     | 0.61    | ppb   |
| Strontium  | 88-1  | 125.44  | 125.79  | 126.42  | 125.89     | 0.40    | ppb   |
| Sulfur     | 34-1  | -577.30 | -536.84 | -398.22 | -504.12    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 104        |         | %     |
| Terbium    | 159-2 |         |         |         | 98         |         | %     |
| Thallium   | 203-1 | 93.88   | 93.82   | 94.59   | 94.10      | 0.46    | ppb   |
| Thallium   | 205-1 | 94.69   | 94.92   | 96.23   | 95.28      | 0.87    | ppb   |
| Thorium    | 232-1 | 4.90    | 4.83    | 4.88    | 4.87       | 0.75    | ppb   |
| Tin        | 118-1 | 87.44   | 86.47   | 86.13   | 86.68      | 0.78    | ppb   |
| Titanium   | 47-1  | 501.10  | 494.09  | 508.73  | 501.31     | 1.46    | ppb   |
| Uranium    | 238-1 | 91.01   | 89.66   | 91.80   | 90.82      | 1.19    | ppb   |
| Vanadium   | 51-2  | 134.12  | 132.39  | 134.75  | 133.75     | 0.91    | ppb   |
| Yttrium    | 89-1  |         |         |         | 106        |         | %     |
| Yttrium    | 89-2  |         |         |         | 100        |         | %     |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-01MSDLX5       | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-0006-01MS | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 15:05:47  | DataFile Name :   | 048SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 390.49  | 391.27  | 393.32  | 391.69     | 0.37    | ppb   |
| Zirconium | 90-1 | 97.37   | 97.08   | 97.88   | 97.44      | 0.42    | ppb   |
| Zirconium | 91-1 | 97.49   | 97.58   | 98.64   | 97.91      | 0.65    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-01MSDDLX5      | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-0006-01MS | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 15:09:21  | DataFile Name :   | 049SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 27025.37 | 27431.32 | 27123.44 | 27193.38   | 0.78    | ppb   |
| Antimony   | 121-1 | 63.82    | 62.57    | 62.55    | 62.98      | 1.15    | ppb   |
| Arsenic    | 75-2  | 108.51   | 109.55   | 109.78   | 109.28     | 0.62    | ppb   |
| Barium     | 135-1 | 875.80   | 857.10   | 852.43   | 861.78     | 1.43    | ppb   |
| Barium     | 137-1 | 881.33   | 855.72   | 853.63   | 863.56     | 1.79    | ppb   |
| Beryllium  | 9-1   | 111.00   | 109.37   | 108.40   | 109.59     | 1.20    | ppb   |
| Bismuth    | 209-1 |          |          |          | 100        |         | %     |
| Bismuth    | 209-2 |          |          |          | 95         |         | %     |
| Boron      | 10-1  | 100.22   | 102.43   | 102.39   | 101.68     | 1.24    | ppb   |
| Boron      | 11-1  | 101.09   | 101.88   | 101.57   | 101.51     | 0.39    | ppb   |
| Cadmium    | 111-1 | 111.15   | 108.95   | 107.92   | 109.34     | 1.51    | ppb   |
| Cadmium    | 106-1 | 112.66   | 109.08   | 107.66   | 109.80     | 2.35    | ppb   |
| Cadmium    | 108-1 | 109.83   | 110.91   | 107.62   | 109.46     | 1.53    | ppb   |
| Calcium    | 43-1  | 16677.31 | 16464.61 | 16028.85 | 16390.26   | 2.02    | ppb   |
| Calcium    | 44-1  | 16852.06 | 16484.38 | 16326.34 | 16554.26   | 1.63    | ppb   |
| Chromium   | 52-2  | 133.17   | 136.12   | 134.46   | 134.58     | 1.10    | ppb   |
| Cobalt     | 59-2  | 125.09   | 128.02   | 127.49   | 126.87     | 1.23    | ppb   |
| Copper     | 63-2  | 257.89   | 262.51   | 263.27   | 261.22     | 1.11    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 103        |         | %     |
| Holmium    | 165-2 |          |          |          | 99         |         | %     |
| Indium     | 115-1 |          |          |          | 95         |         | %     |
| Indium     | 115-2 |          |          |          | 94         |         | %     |
| Iron       | 56-2  | 63028.60 | 63886.44 | 63431.63 | 63448.89   | 0.68    | ppb   |
| Iron       | 57-2  | 61127.23 | 62778.21 | 62451.90 | 62119.12   | 1.41    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 552.43   | 542.79   | 538.41   | 544.54     | 1.32    | ppb   |
| Lead       | 207-1 | 502.79   | 495.83   | 488.19   | 495.60     | 1.47    | ppb   |
| Lead       | 208-1 | 528.13   | 520.65   | 513.50   | 520.76     | 1.40    | ppb   |
| Lithium    | 6-1   |          |          |          | 94         |         | %     |
| Magnesium  | 24-2  | 21002.30 | 21847.96 | 21560.33 | 21470.20   | 2.00    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-01MSDDLX5      | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-0006-01MS | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 15:09:21  | DataFile Name :   | 049SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 2214.21 | 2270.00 | 2261.14 | 2248.45    | 1.33    | ppb   |
| Molybdenum | 94-1  | 483.69  | 473.62  | 469.71  | 475.67     | 1.52    | ppb   |
| Molybdenum | 95-1  | 467.63  | 462.31  | 456.18  | 462.04     | 1.24    | ppb   |
| Molybdenum | 96-1  | 468.27  | 464.05  | 456.47  | 462.93     | 1.29    | ppb   |
| Molybdenum | 97-1  | 465.44  | 457.69  | 453.50  | 458.88     | 1.32    | ppb   |
| Molybdenum | 98-1  | 468.65  | 459.35  | 455.42  | 461.14     | 1.47    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 153.44  | 154.12  | 155.04  | 154.20     | 0.52    | ppb   |
| Phosphorus | 31-2  | 987.21  | 989.81  | 1097.04 | 1024.69    | 6.12    | ppb   |
| Potassium  | 39-2  | 6062.24 | 6162.00 | 6129.18 | 6117.81    | 0.83    | ppb   |
| Rhodium    | 103-1 |         |         |         | 92         |         | %     |
| Rhodium    | 103-2 |         |         |         | 91         |         | %     |
| Scandium   | 45-1  |         |         |         | 96         |         | %     |
| Scandium   | 45-2  |         |         |         | 94         |         | %     |
| Selenium   | 77-2  | 107.37  | 111.63  | 112.79  | 110.60     | 2.58    | ppb   |
| Selenium   | 78-2  | 97.22   | 96.52   | 107.51  | 100.42     | 6.13    | ppb   |
| Selenium   | 82-1  | 99.69   | 99.35   | 98.95   | 99.33      | 0.38    | ppb   |
| Silicon    | 28-1  | 1754.97 | 1730.75 | 1696.69 | 1727.47    | 1.69    | ppb   |
| Silver     | 109-1 | 101.44  | 99.92   | 99.97   | 100.44     | 0.86    | ppb   |
| Silver     | 107-1 | 103.15  | 101.03  | 100.40  | 101.52     | 1.42    | ppb   |
| Sodium     | 23-2  | 9344.43 | 9496.11 | 9505.69 | 9448.74    | 0.96    | ppb   |
| Strontium  | 86-1  | 133.85  | 130.71  | 128.72  | 131.09     | 1.97    | ppb   |
| Strontium  | 88-1  | 132.69  | 130.49  | 129.46  | 130.88     | 1.26    | ppb   |
| Sulfur     | 34-1  | -253.01 | -373.11 | -495.71 | -373.94    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 102        |         | %     |
| Terbium    | 159-2 |         |         |         | 98         |         | %     |
| Thallium   | 203-1 | 99.78   | 99.05   | 97.60   | 98.81      | 1.12    | ppb   |
| Thallium   | 205-1 | 101.35  | 100.22  | 98.85   | 100.14     | 1.25    | ppb   |
| Thorium    | 232-1 | 5.19    | 5.09    | 5.08    | 5.12       | 1.22    | ppb   |
| Tin        | 118-1 | 91.20   | 88.90   | 89.16   | 89.75      | 1.40    | ppb   |
| Titanium   | 47-1  | 529.00  | 522.82  | 514.14  | 521.99     | 1.43    | ppb   |
| Uranium    | 238-1 | 96.30   | 95.37   | 94.62   | 95.43      | 0.88    | ppb   |
| Vanadium   | 51-2  | 133.07  | 137.16  | 135.48  | 135.24     | 1.52    | ppb   |
| Yttrium    | 89-1  |         |         |         | 103        |         | %     |
| Yttrium    | 89-2  |         |         |         | 100        |         | %     |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-01MSDDLX5      | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-0006-01MS | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 15:09:21  | DataFile Name :   | 049SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 388.77  | 400.95  | 399.42  | 396.38     | 1.67    | ppb   |
| Zirconium | 90-1 | 102.83  | 100.39  | 99.49   | 100.90     | 1.71    | ppb   |
| Zirconium | 91-1 | 103.53  | 101.73  | 100.99  | 102.08     | 1.28    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-01ADLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS012-0006-01ADL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 15:12:56 DataFile Name : 050SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 27422.03 | 27662.50 | 27354.98 | 27479.84   | 0.59    | ppb   |
| Antimony   | 121-1 | 61.30    | 60.80    | 61.22    | 61.10      | 0.44    | ppb   |
| Arsenic    | 75-2  | 109.96   | 110.13   | 110.65   | 110.25     | 0.33    | ppb   |
| Barium     | 135-1 | 849.82   | 836.07   | 840.85   | 842.25     | 0.83    | ppb   |
| Barium     | 137-1 | 849.79   | 848.28   | 849.08   | 849.05     | 0.09    | ppb   |
| Beryllium  | 9-1   | 108.02   | 108.03   | 108.27   | 108.10     | 0.13    | ppb   |
| Bismuth    | 209-1 |          |          |          | 102        |         | %     |
| Bismuth    | 209-2 |          |          |          | 93         |         | %     |
| Boron      | 10-1  | 100.81   | 100.36   | 102.63   | 101.27     | 1.19    | ppb   |
| Boron      | 11-1  | 98.62    | 101.20   | 101.25   | 100.36     | 1.50    | ppb   |
| Cadmium    | 111-1 | 107.03   | 107.11   | 107.31   | 107.15     | 0.13    | ppb   |
| Cadmium    | 106-1 | 105.29   | 106.40   | 106.93   | 106.21     | 0.79    | ppb   |
| Cadmium    | 108-1 | 109.87   | 106.77   | 109.87   | 108.83     | 1.64    | ppb   |
| Calcium    | 43-1  | 15597.14 | 15889.05 | 15700.95 | 15729.05   | 0.94    | ppb   |
| Calcium    | 44-1  | 15645.81 | 15852.79 | 15769.57 | 15756.06   | 0.66    | ppb   |
| Chromium   | 52-2  | 136.72   | 137.96   | 136.80   | 137.16     | 0.51    | ppb   |
| Cobalt     | 59-2  | 128.40   | 129.32   | 128.31   | 128.68     | 0.43    | ppb   |
| Copper     | 63-2  | 267.78   | 269.11   | 266.50   | 267.80     | 0.49    | 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 |          |          |          | 105        |         | %     |
| Holmium    | 165-2 |          |          |          | 97         |         | %     |
| Indium     | 115-1 |          |          |          | 97         |         | %     |
| Indium     | 115-2 |          |          |          | 91         |         | %     |
| Iron       | 56-2  | 65026.44 | 64812.66 | 64003.31 | 64614.14   | 0.84    | ppb   |
| Iron       | 57-2  | 63418.22 | 63668.44 | 63147.81 | 63411.49   | 0.41    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 550.63   | 543.51   | 547.90   | 547.35     | 0.66    | ppb   |
| Lead       | 207-1 | 494.49   | 493.73   | 496.17   | 494.80     | 0.25    | ppb   |
| Lead       | 208-1 | 521.67   | 522.01   | 521.80   | 521.83     | 0.03    | ppb   |
| Lithium    | 6-1   |          |          |          | 94         |         | %     |
| Magnesium  | 24-2  | 21799.14 | 22133.00 | 21764.85 | 21898.99   | 0.93    | ppb   |



LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-01ADLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS012-0006-01ADL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 15:12:56 DataFile Name : 050SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 2289.63 | 2299.19 | 2279.23 | 2289.35    | 0.44    | ppb   |
| Molybdenum | 94-1  | 464.78  | 465.44  | 461.98  | 464.07     | 0.40    | ppb   |
| Molybdenum | 95-1  | 450.12  | 453.69  | 451.00  | 451.61     | 0.41    | ppb   |
| Molybdenum | 96-1  | 452.69  | 451.68  | 447.91  | 450.76     | 0.56    | ppb   |
| Molybdenum | 97-1  | 447.09  | 450.60  | 452.70  | 450.13     | 0.63    | ppb   |
| Molybdenum | 98-1  | 452.53  | 450.20  | 452.75  | 451.83     | 0.31    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 155.02  | 156.95  | 156.95  | 156.31     | 0.72    | ppb   |
| Phosphorus | 31-2  | 1012.31 | 1040.29 | 1014.88 | 1022.49    | 1.51    | ppb   |
| Potassium  | 39-2  | 6151.13 | 6181.19 | 6188.42 | 6173.58    | 0.32    | ppb   |
| Rhodium    | 103-1 |         |         |         | 94         |         | %     |
| Rhodium    | 103-2 |         |         |         | 89         |         | %     |
| Scandium   | 45-1  |         |         |         | 98         |         | %     |
| Scandium   | 45-2  |         |         |         | 92         |         | %     |
| Selenium   | 77-2  | 116.02  | 109.06  | 106.36  | 110.48     | 4.51    | ppb   |
| Selenium   | 78-2  | 95.58   | 102.46  | 101.53  | 99.85      | 3.74    | ppb   |
| Selenium   | 82-1  | 97.10   | 95.27   | 96.60   | 96.33      | 0.98    | ppb   |
| Silicon    | 28-1  | 1765.48 | 1790.67 | 1791.53 | 1782.56    | 0.83    | ppb   |
| Silver     | 109-1 | 98.33   | 98.70   | 99.00   | 98.68      | 0.34    | ppb   |
| Silver     | 107-1 | 97.98   | 99.04   | 99.08   | 98.70      | 0.63    | ppb   |
| Sodium     | 23-2  | 9596.20 | 9616.19 | 9557.24 | 9589.88    | 0.31    | ppb   |
| Strontium  | 86-1  | 127.81  | 125.94  | 126.43  | 126.73     | 0.77    | ppb   |
| Strontium  | 88-1  | 128.05  | 126.98  | 127.90  | 127.64     | 0.45    | ppb   |
| Sulfur     | 34-1  | -590.51 | -462.60 | -421.86 | -491.66    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 103        |         | %     |
| Terbium    | 159-2 |         |         |         | 97         |         | %     |
| Thallium   | 203-1 | 96.72   | 97.22   | 95.89   | 96.61      | 0.70    | ppb   |
| Thallium   | 205-1 | 97.70   | 97.76   | 97.51   | 97.66      | 0.13    | ppb   |
| Thorium    | 232-1 | 5.01    | 5.00    | 5.02    | 5.01       | 0.26    | ppb   |
| Tin        | 118-1 | 87.79   | 87.34   | 87.46   | 87.53      | 0.27    | ppb   |
| Titanium   | 47-1  | 509.90  | 517.33  | 511.11  | 512.78     | 0.78    | ppb   |
| Uranium    | 238-1 | 92.70   | 94.22   | 93.47   | 93.46      | 0.81    | ppb   |
| Vanadium   | 51-2  | 137.12  | 138.02  | 137.96  | 137.70     | 0.37    | ppb   |
| Yttrium    | 89-1  |         |         |         | 105        |         | %     |
| Yttrium    | 89-2  |         |         |         | 98         |         | %     |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB100071              | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-01ADLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-0006-01ADL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 15:12:56   | DataFile Name :   | 050SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 406.76  | 407.03  | 404.15  | 405.98     | 0.39    | ppb   |
| Zirconium | 90-1 | 99.17   | 99.09   | 99.19   | 99.15      | 0.06    | ppb   |
| Zirconium | 91-1 | 100.89  | 99.52   | 100.74  | 100.38     | 0.75    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-02DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS012-0612-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 15:16:31 DataFile Name : 051SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 27399.23 | 27258.28 | 27414.14 | 27357.22   | 0.31    | ppb   |
| Antimony   | 121-1 | 0.08     | 0.08     | 0.10     | 0.09       | 12.46   | ppb   |
| Arsenic    | 75-2  | 12.89    | 12.75    | 12.14    | 12.59      | 3.16    | ppb   |
| Barium     | 135-1 | 345.39   | 354.39   | 352.04   | 350.61     | 1.33    | ppb   |
| Barium     | 137-1 | 350.33   | 351.64   | 352.33   | 351.43     | 0.29    | ppb   |
| Beryllium  | 9-1   | 1.55     | 1.63     | 1.53     | 1.57       | 3.35    | ppb   |
| Bismuth    | 209-1 |          |          |          | 105        |         | %     |
| Bismuth    | 209-2 |          |          |          | 96         |         | %     |
| Boron      | 10-1  | 6.16     | 5.82     | 5.45     | 5.81       | 6.10    | ppb   |
| Boron      | 11-1  | 6.03     | 5.87     | 5.42     | 5.77       | 5.41    | ppb   |
| Cadmium    | 111-1 | 0.31     | 0.32     | 0.36     | 0.33       | 8.68    | ppb   |
| Cadmium    | 106-1 | 0.01     | 0.64     | 0.85     | 0.50       | 86.67   | ppb   |
| Cadmium    | 108-1 | 1.21     | 1.10     | 1.10     | 1.14       | 5.77    | ppb   |
| Calcium    | 43-1  | 3352.57  | 3359.84  | 3304.86  | 3339.09    | 0.89    | ppb   |
| Calcium    | 44-1  | 3318.22  | 3331.07  | 3320.59  | 3323.29    | 0.21    | ppb   |
| Chromium   | 52-2  | 32.95    | 32.33    | 32.09    | 32.46      | 1.36    | ppb   |
| Cobalt     | 59-2  | 20.47    | 20.88    | 20.61    | 20.65      | 1.02    | ppb   |
| Copper     | 63-2  | 51.18    | 51.92    | 51.23    | 51.44      | 0.81    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 106        |         | %     |
| Holmium    | 165-2 |          |          |          | 99         |         | %     |
| Indium     | 115-1 |          |          |          | 99         |         | %     |
| Indium     | 115-2 |          |          |          | 94         |         | %     |
| Iron       | 56-2  | 57202.82 | 57057.15 | 56701.88 | 56987.28   | 0.45    | ppb   |
| Iron       | 57-2  | 55192.04 | 55806.97 | 55452.51 | 55483.84   | 0.56    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 586.46   | 591.15   | 591.25   | 589.62     | 0.46    | ppb   |
| Lead       | 207-1 | 526.32   | 528.31   | 529.18   | 527.94     | 0.28    | ppb   |
| Lead       | 208-1 | 555.93   | 561.14   | 561.42   | 559.49     | 0.55    | ppb   |
| Lithium    | 6-1   |          |          |          | 95         |         | %     |
| Magnesium  | 24-2  | 9369.88  | 9311.42  | 9380.43  | 9353.91    | 0.40    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-02DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS012-0612-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 15:16:31 DataFile Name : 051SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 1443.27 | 1452.60 | 1447.97 | 1447.95    | 0.32    | ppb   |
| Molybdenum | 94-1  | 9.95    | 10.13   | 10.09   | 10.06      | 0.91    | ppb   |
| Molybdenum | 95-1  | 1.30    | 1.14    | 1.28    | 1.24       | 6.73    | ppb   |
| Molybdenum | 96-1  | 2.74    | 2.90    | 2.68    | 2.77       | 4.07    | ppb   |
| Molybdenum | 97-1  | 1.27    | 1.27    | 1.28    | 1.27       | 0.69    | ppb   |
| Molybdenum | 98-1  | 1.29    | 1.21    | 1.23    | 1.25       | 3.46    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 41.80   | 43.76   | 42.16   | 42.57      | 2.46    | ppb   |
| Phosphorus | 31-2  | 911.51  | 886.89  | 884.64  | 894.35     | 1.67    | ppb   |
| Potassium  | 39-2  | 1020.52 | 1011.84 | 1013.01 | 1015.12    | 0.46    | ppb   |
| Rhodium    | 103-1 |         |         |         | 97         |         | %     |
| Rhodium    | 103-2 |         |         |         | 91         |         | %     |
| Scandium   | 45-1  |         |         |         | 99         |         | %     |
| Scandium   | 45-2  |         |         |         | 94         |         | %     |
| Selenium   | 77-2  | 16.59   | 15.40   | 14.06   | 15.35      | 8.25    | ppb   |
| Selenium   | 78-2  | 3.22    | 4.28    | 3.21    | 3.57       | 17.18   | ppb   |
| Selenium   | 82-1  | 0.98    | 0.99    | 0.82    | 0.93       | 10.11   | ppb   |
| Silicon    | 28-1  | 1228.45 | 1234.98 | 1234.96 | 1232.79    | 0.31    | ppb   |
| Silver     | 109-1 | 0.10    | 0.10    | 0.09    | 0.10       | 4.88    | ppb   |
| Silver     | 107-1 | 0.10    | 0.12    | 0.11    | 0.11       | 7.92    | ppb   |
| Sodium     | 23-2  | 162.10  | 161.68  | 159.14  | 160.97     | 0.99    | ppb   |
| Strontium  | 86-1  | 21.03   | 20.81   | 20.97   | 20.93      | 0.53    | ppb   |
| Strontium  | 88-1  | 20.81   | 21.17   | 21.02   | 21.00      | 0.84    | ppb   |
| Sulfur     | 34-1  | -602.47 | -570.41 | -638.45 | -603.78    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 104        |         | %     |
| Terbium    | 159-2 |         |         |         | 98         |         | %     |
| Thallium   | 203-1 | 0.18    | 0.21    | 0.23    | 0.20       | 12.88   | ppb   |
| Thallium   | 205-1 | 0.23    | 0.21    | 0.20    | 0.21       | 6.32    | ppb   |
| Thorium    | 232-1 | 5.45    | 5.54    | 5.50    | 5.50       | 0.80    | ppb   |
| Tin        | 118-1 | 0.48    | 0.51    | 0.42    | 0.47       | 9.88    | ppb   |
| Titanium   | 47-1  | 37.07   | 37.87   | 37.93   | 37.62      | 1.28    | ppb   |
| Uranium    | 238-1 | 0.64    | 0.64    | 0.65    | 0.65       | 0.73    | ppb   |
| Vanadium   | 51-2  | 37.29   | 36.42   | 36.89   | 36.86      | 1.17    | ppb   |
| Yttrium    | 89-1  |         |         |         | 106        |         | %     |
| Yttrium    | 89-2  |         |         |         | 100        |         | %     |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-02DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-0612-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 15:16:31  | DataFile Name :   | 051SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 193.18  | 193.14  | 192.68  | 193.00     | 0.14    | ppb   |
| Zirconium | 90-1 | 5.75    | 5.93    | 5.92    | 5.87       | 1.77    | ppb   |
| Zirconium | 91-1 | 5.93    | 5.98    | 6.02    | 5.98       | 0.80    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-03DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS012-1218-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 15:20:06 DataFile Name : 052SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 25180.84 | 24739.72 | 24993.36 | 24971.31   | 0.89    | ppb   |
| Antimony   | 121-1 | 0.10     | 0.08     | 0.08     | 0.09       | 10.94   | ppb   |
| Arsenic    | 75-2  | 9.90     | 10.17    | 9.67     | 9.91       | 2.50    | ppb   |
| Barium     | 135-1 | 364.81   | 359.89   | 362.03   | 362.25     | 0.68    | ppb   |
| Barium     | 137-1 | 367.65   | 358.50   | 361.95   | 362.70     | 1.27    | ppb   |
| Beryllium  | 9-1   | 1.38     | 1.45     | 1.36     | 1.40       | 3.28    | ppb   |
| Bismuth    | 209-1 |          |          |          | 105        |         | %     |
| Bismuth    | 209-2 |          |          |          | 96         |         | %     |
| Boron      | 10-1  | 4.65     | 4.12     | 3.76     | 4.18       | 10.64   | ppb   |
| Boron      | 11-1  | 4.35     | 4.25     | 3.94     | 4.18       | 5.08    | ppb   |
| Cadmium    | 111-1 | 0.17     | 0.16     | 0.05     | 0.13       | 55.45   | ppb   |
| Cadmium    | 106-1 | -0.72    | -1.13    | -1.66    | -1.17      |         | ppb   |
| Cadmium    | 108-1 | 0.57     | 0.71     | 0.75     | 0.68       | 13.39   | ppb   |
| Calcium    | 43-1  | 3436.55  | 3442.75  | 3327.37  | 3402.22    | 1.91    | ppb   |
| Calcium    | 44-1  | 3427.17  | 3397.25  | 3380.53  | 3401.65    | 0.69    | ppb   |
| Chromium   | 52-2  | 29.80    | 28.93    | 29.57    | 29.43      | 1.53    | ppb   |
| Cobalt     | 59-2  | 18.15    | 17.83    | 18.33    | 18.10      | 1.41    | ppb   |
| Copper     | 63-2  | 45.80    | 44.59    | 45.99    | 45.46      | 1.68    | 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 |          |          |          | 107        |         | %     |
| Holmium    | 165-2 |          |          |          | 99         |         | %     |
| Indium     | 115-1 |          |          |          | 100        |         | %     |
| Indium     | 115-2 |          |          |          | 94         |         | %     |
| Iron       | 56-2  | 48351.13 | 46895.56 | 47581.63 | 47609.44   | 1.53    | ppb   |
| Iron       | 57-2  | 46865.49 | 45715.09 | 46467.56 | 46349.38   | 1.26    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 385.14   | 378.75   | 380.01   | 381.30     | 0.89    | ppb   |
| Lead       | 207-1 | 342.80   | 337.31   | 337.85   | 339.32     | 0.89    | ppb   |
| Lead       | 208-1 | 357.49   | 353.66   | 353.46   | 354.87     | 0.64    | ppb   |
| Lithium    | 6-1   |          |          |          | 96         |         | %     |
| Magnesium  | 24-2  | 8354.33  | 8124.41  | 8296.74  | 8258.49    | 1.45    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-03DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS012-1218-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 15:20:06 DataFile Name : 052SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 1426.36 | 1389.81 | 1412.73 | 1409.63    | 1.31    | ppb   |
| Molybdenum | 94-1  | 6.60    | 6.80    | 6.70    | 6.70       | 1.53    | ppb   |
| Molybdenum | 95-1  | 1.04    | 1.07    | 1.09    | 1.07       | 2.39    | ppb   |
| Molybdenum | 96-1  | 2.18    | 2.21    | 2.17    | 2.18       | 0.98    | ppb   |
| Molybdenum | 97-1  | 1.01    | 1.08    | 0.98    | 1.02       | 5.00    | ppb   |
| Molybdenum | 98-1  | 1.05    | 1.09    | 1.02    | 1.05       | 3.48    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 37.09   | 37.27   | 36.96   | 37.11      | 0.42    | ppb   |
| Phosphorus | 31-2  | 815.91  | 750.16  | 822.37  | 796.15     | 5.02    | ppb   |
| Potassium  | 39-2  | 895.77  | 868.66  | 895.68  | 886.70     | 1.76    | ppb   |
| Rhodium    | 103-1 |         |         |         | 98         |         | %     |
| Rhodium    | 103-2 |         |         |         | 91         |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 94         |         | %     |
| Selenium   | 77-2  | 12.00   | 14.10   | 11.58   | 12.56      | 10.75   | ppb   |
| Selenium   | 78-2  | 2.94    | 2.46    | 2.25    | 2.55       | 13.84   | ppb   |
| Selenium   | 82-1  | 1.05    | 0.80    | 0.70    | 0.85       | 20.83   | ppb   |
| Silicon    | 28-1  | 1499.57 | 1511.40 | 1495.44 | 1502.14    | 0.55    | ppb   |
| Silver     | 109-1 | 0.15    | 0.15    | 0.16    | 0.15       | 2.00    | ppb   |
| Silver     | 107-1 | 0.17    | 0.19    | 0.19    | 0.18       | 6.95    | ppb   |
| Sodium     | 23-2  | 153.43  | 145.12  | 148.08  | 148.88     | 2.83    | ppb   |
| Strontium  | 86-1  | 22.27   | 22.83   | 22.43   | 22.51      | 1.28    | ppb   |
| Strontium  | 88-1  | 22.79   | 22.46   | 22.35   | 22.54      | 1.02    | ppb   |
| Sulfur     | 34-1  | -625.20 | -625.45 | -679.20 | -643.29    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 105        |         | %     |
| Terbium    | 159-2 |         |         |         | 98         |         | %     |
| Thallium   | 203-1 | 0.22    | 0.21    | 0.21    | 0.21       | 2.17    | ppb   |
| Thallium   | 205-1 | 0.21    | 0.23    | 0.22    | 0.22       | 3.53    | ppb   |
| Thorium    | 232-1 | 4.47    | 4.35    | 4.39    | 4.40       | 1.37    | ppb   |
| Tin        | 118-1 | 0.51    | 0.44    | 0.46    | 0.47       | 8.04    | ppb   |
| Titanium   | 47-1  | 40.26   | 40.88   | 40.84   | 40.66      | 0.85    | ppb   |
| Uranium    | 238-1 | 0.57    | 0.58    | 0.59    | 0.58       | 1.64    | ppb   |
| Vanadium   | 51-2  | 34.47   | 34.00   | 34.47   | 34.32      | 0.79    | ppb   |
| Yttrium    | 89-1  |         |         |         | 107        |         | %     |
| Yttrium    | 89-2  |         |         |         | 100        |         | %     |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-03DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-1218-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 15:20:06  | DataFile Name :   | 052SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 151.54  | 148.61  | 152.34  | 150.83     | 1.30    | ppb   |
| Zirconium | 90-1 | 3.85    | 3.81    | 3.71    | 3.79       | 2.00    | ppb   |
| Zirconium | 91-1 | 3.71    | 3.84    | 3.82    | 3.79       | 1.83    | ppb   |



LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-04DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS012-1824-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 15:23:40 DataFile Name : 053SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 27241.20 | 27203.82 | 27292.01 | 27245.68   | 0.16    | ppb   |
| Antimony   | 121-1 | 0.04     | 0.05     | 0.05     | 0.05       | 11.77   | ppb   |
| Arsenic    | 75-2  | 9.75     | 9.75     | 9.61     | 9.70       | 0.81    | ppb   |
| Barium     | 135-1 | 285.49   | 278.30   | 281.39   | 281.73     | 1.28    | ppb   |
| Barium     | 137-1 | 283.92   | 278.48   | 281.24   | 281.21     | 0.97    | ppb   |
| Beryllium  | 9-1   | 1.29     | 1.30     | 1.20     | 1.26       | 4.24    | ppb   |
| Bismuth    | 209-1 |          |          |          | 104        |         | %     |
| Bismuth    | 209-2 |          |          |          | 95         |         | %     |
| Boron      | 10-1  | 3.44     | 2.59     | 3.31     | 3.11       | 14.70   | ppb   |
| Boron      | 11-1  | 3.00     | 3.05     | 2.84     | 2.96       | 3.79    | ppb   |
| Cadmium    | 111-1 | 0.14     | 0.07     | 0.19     | 0.13       | 47.67   | ppb   |
| Cadmium    | 106-1 | -0.25    | -0.76    | 0.36     | -0.21      |         | ppb   |
| Cadmium    | 108-1 | 0.77     | 0.77     | 0.49     | 0.68       | 23.47   | ppb   |
| Calcium    | 43-1  | 1585.99  | 1503.22  | 1571.08  | 1553.43    | 2.84    | ppb   |
| Calcium    | 44-1  | 1592.04  | 1536.28  | 1556.26  | 1561.52    | 1.81    | ppb   |
| Chromium   | 52-2  | 29.37    | 29.71    | 29.85    | 29.64      | 0.84    | ppb   |
| Cobalt     | 59-2  | 22.94    | 23.47    | 23.29    | 23.23      | 1.17    | ppb   |
| Copper     | 63-2  | 36.46    | 36.85    | 36.90    | 36.74      | 0.66    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 106        |         | %     |
| Holmium    | 165-2 |          |          |          | 98         |         | %     |
| Indium     | 115-1 |          |          |          | 99         |         | %     |
| Indium     | 115-2 |          |          |          | 93         |         | %     |
| Iron       | 56-2  | 52699.67 | 52535.32 | 52784.81 | 52673.27   | 0.24    | ppb   |
| Iron       | 57-2  | 50794.76 | 51285.99 | 51384.72 | 51155.16   | 0.62    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 122.21   | 120.04   | 120.02   | 120.75     | 1.04    | ppb   |
| Lead       | 207-1 | 109.95   | 107.28   | 107.64   | 108.29     | 1.34    | ppb   |
| Lead       | 208-1 | 115.08   | 111.84   | 112.58   | 113.17     | 1.50    | ppb   |
| Lithium    | 6-1   |          |          |          | 95         |         | %     |
| Magnesium  | 24-2  | 8851.28  | 8855.89  | 8904.22  | 8870.46    | 0.33    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-04DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS012-1824-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 15:23:40 DataFile Name : 053SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|---------|------------|---------|-------|
| Manganese  | 55-2  | 1232.08 | 1251.47  | 1250.14 | 1244.56    | 0.87    | ppb   |
| Molybdenum | 94-1  | 7.32    | 7.24     | 7.39    | 7.32       | 1.03    | ppb   |
| Molybdenum | 95-1  | 0.78    | 0.77     | 0.76    | 0.77       | 1.56    | ppb   |
| Molybdenum | 96-1  | 2.05    | 1.95     | 2.05    | 2.02       | 2.79    | ppb   |
| Molybdenum | 97-1  | 0.77    | 0.78     | 0.79    | 0.78       | 1.28    | ppb   |
| Molybdenum | 98-1  | 0.75    | 0.76     | 0.68    | 0.73       | 5.49    | ppb   |
| Neodymium  | 150-1 |         |          |         |            |         | cps   |
| Neodymium  | 150-2 |         |          |         |            |         | cps   |
| Nickel     | 60-2  | 40.69   | 41.66    | 41.74   | 41.36      | 1.42    | ppb   |
| Phosphorus | 31-2  | 701.59  | 659.44   | 766.79  | 709.27     | 7.63    | ppb   |
| Potassium  | 39-2  | 745.03  | 747.76   | 756.76  | 749.85     | 0.82    | ppb   |
| Rhodium    | 103-1 |         |          |         | 97         |         | %     |
| Rhodium    | 103-2 |         |          |         | 91         |         | %     |
| Scandium   | 45-1  |         |          |         | 98         |         | %     |
| Scandium   | 45-2  |         |          |         | 93         |         | %     |
| Selenium   | 77-2  | 8.44    | 10.20    | 5.55    | 8.06       | 29.12   | ppb   |
| Selenium   | 78-2  | 3.17    | 2.56     | 2.37    | 2.70       | 15.45   | ppb   |
| Selenium   | 82-1  | 0.62    | 1.10     | 1.14    | 0.95       | 30.48   | ppb   |
| Silicon    | 28-1  | 1495.36 | 1445.95  | 1466.71 | 1469.34    | 1.69    | ppb   |
| Silver     | 109-1 | 0.09    | 0.08     | 0.08    | 0.08       | 9.74    | ppb   |
| Silver     | 107-1 | 0.10    | 0.10     | 0.09    | 0.09       | 5.66    | ppb   |
| Sodium     | 23-2  | 169.86  | 166.41   | 167.23  | 167.83     | 1.07    | ppb   |
| Strontium  | 86-1  | 11.61   | 11.59    | 11.62   | 11.60      | 0.14    | ppb   |
| Strontium  | 88-1  | 11.49   | 11.25    | 11.40   | 11.38      | 1.07    | ppb   |
| Sulfur     | 34-1  | -914.94 | -1003.33 | -986.71 | -968.33    |         | ppb   |
| Terbium    | 159-1 |         |          |         | 104        |         | %     |
| Terbium    | 159-2 |         |          |         | 98         |         | %     |
| Thallium   | 203-1 | 0.18    | 0.22     | 0.18    | 0.19       | 10.42   | ppb   |
| Thallium   | 205-1 | 0.20    | 0.19     | 0.20    | 0.20       | 1.90    | ppb   |
| Thorium    | 232-1 | 4.38    | 4.25     | 4.38    | 4.34       | 1.68    | ppb   |
| Tin        | 118-1 | 0.24    | 0.22     | 0.24    | 0.23       | 4.86    | ppb   |
| Titanium   | 47-1  | 37.69   | 36.66    | 37.38   | 37.24      | 1.41    | ppb   |
| Uranium    | 238-1 | 0.49    | 0.48     | 0.49    | 0.49       | 0.93    | ppb   |
| Vanadium   | 51-2  | 32.67   | 33.56    | 33.69   | 33.31      | 1.66    | ppb   |
| Yttrium    | 89-1  |         |          |         | 104        |         | %     |
| Yttrium    | 89-2  |         |          |         | 97         |         | %     |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-04DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-1824-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 15:23:40  | DataFile Name :   | 053SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 141.76  | 140.24  | 141.70  | 141.23     | 0.61    | ppb   |
| Zirconium | 90-1 | 4.38    | 4.21    | 4.46    | 4.35       | 2.95    | ppb   |
| Zirconium | 91-1 | 4.45    | 4.28    | 4.49    | 4.41       | 2.61    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100071            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV27               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV27               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-12-27 15:31:07 | DataFile Name :   | 054CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 53486.58  | 53222.04  | 53023.46  | 53244.03   | 0.44    | ppb   |
| Antimony   | 121-1 | 509.24    | 510.04    | 504.32    | 507.87     | 0.61    | ppb   |
| Arsenic    | 75-2  | 497.64    | 496.19    | 496.40    | 496.74     | 0.16    | ppb   |
| Barium     | 135-1 | 2553.66   | 2536.00   | 2527.05   | 2538.90    | 0.53    | ppb   |
| Barium     | 137-1 | 2567.66   | 2589.73   | 2567.34   | 2574.91    | 0.50    | ppb   |
| Beryllium  | 9-1   | 520.77    | 520.69    | 516.62    | 519.36     | 0.46    | ppb   |
| Bismuth    | 209-1 |           |           |           | 89         |         | %     |
| Bismuth    | 209-2 |           |           |           | 83         |         | %     |
| Boron      | 10-1  | 490.27    | 502.04    | 505.59    | 499.30     | 1.61    | ppb   |
| Boron      | 11-1  | 491.01    | 501.04    | 505.75    | 499.27     | 1.51    | ppb   |
| Cadmium    | 111-1 | 535.64    | 528.07    | 529.43    | 531.05     | 0.76    | ppb   |
| Cadmium    | 106-1 | 539.73    | 544.17    | 534.63    | 539.51     | 0.88    | ppb   |
| Cadmium    | 108-1 | 535.94    | 545.29    | 534.47    | 538.57     | 1.09    | ppb   |
| Calcium    | 43-1  | 248367.71 | 247903.49 | 248625.41 | 248298.87  | 0.15    | ppb   |
| Calcium    | 44-1  | 248415.96 | 250696.83 | 250391.34 | 249834.71  | 0.50    | ppb   |
| Chromium   | 52-2  | 512.45    | 509.88    | 507.10    | 509.81     | 0.53    | ppb   |
| Cobalt     | 59-2  | 500.65    | 499.95    | 498.66    | 499.75     | 0.20    | ppb   |
| Copper     | 63-2  | 1040.20   | 1034.49   | 1035.50   | 1036.73    | 0.29    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 102        |         | %     |
| Holmium    | 165-2 |           |           |           | 94         |         | %     |
| Indium     | 115-1 |           |           |           | 88         |         | %     |
| Indium     | 115-2 |           |           |           | 84         |         | %     |
| Iron       | 56-2  | 132820.00 | 132258.16 | 131444.76 | 132174.31  | 0.52    | ppb   |
| Iron       | 57-2  | 133049.86 | 132750.86 | 131889.32 | 132563.35  | 0.45    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 525.88    | 527.72    | 527.84    | 527.15     | 0.21    | ppb   |
| Lead       | 207-1 | 527.84    | 524.37    | 527.37    | 526.53     | 0.36    | ppb   |
| Lead       | 208-1 | 532.62    | 530.36    | 532.05    | 531.68     | 0.22    | ppb   |
| Lithium    | 6-1   |           |           |           | 87         |         | %     |
| Magnesium  | 24-2  | 253374.86 | 254393.76 | 254498.96 | 254089.19  | 0.24    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100071            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV27               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV27               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-12-27 15:31:07 | DataFile Name :   | 054CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 1010.37   | 1003.57   | 999.02    | 1004.32    | 0.57    | ppb   |
| Molybdenum | 94-1  | 2569.04   | 2552.01   | 2544.11   | 2555.06    | 0.50    | ppb   |
| Molybdenum | 95-1  | 2577.38   | 2564.68   | 2562.53   | 2568.20    | 0.31    | ppb   |
| Molybdenum | 96-1  | 2556.65   | 2561.40   | 2563.57   | 2560.54    | 0.14    | ppb   |
| Molybdenum | 97-1  | 2543.81   | 2555.10   | 2553.50   | 2550.80    | 0.24    | ppb   |
| Molybdenum | 98-1  | 2558.63   | 2536.87   | 2568.43   | 2554.65    | 0.63    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 495.96    | 497.33    | 492.98    | 495.42     | 0.45    | ppb   |
| Phosphorus | 31-2  | 10253.01  | 10391.82  | 10307.91  | 10317.58   | 0.68    | ppb   |
| Potassium  | 39-2  | 128653.78 | 127463.28 | 128212.09 | 128109.72  | 0.47    | ppb   |
| Rhodium    | 103-1 |           |           |           | 83         |         | %     |
| Rhodium    | 103-2 |           |           |           | 79         |         | %     |
| Scandium   | 45-1  |           |           |           | 90         |         | %     |
| Scandium   | 45-2  |           |           |           | 89         |         | %     |
| Selenium   | 77-2  | 544.28    | 568.29    | 537.30    | 549.96     | 2.96    | ppb   |
| Selenium   | 78-2  | 535.76    | 538.43    | 531.56    | 535.25     | 0.65    | ppb   |
| Selenium   | 82-1  | 519.56    | 519.72    | 511.59    | 516.96     | 0.90    | ppb   |
| Silicon    | 28-1  | 536.72    | 550.45    | 552.91    | 546.70     | 1.60    | ppb   |
| Silver     | 109-1 | 508.65    | 506.57    | 504.38    | 506.53     | 0.42    | ppb   |
| Silver     | 107-1 | 510.95    | 507.12    | 503.57    | 507.21     | 0.73    | ppb   |
| Sodium     | 23-2  | 250512.88 | 251703.68 | 251319.78 | 251178.78  | 0.24    | ppb   |
| Strontium  | 86-1  | 506.88    | 504.48    | 506.04    | 505.80     | 0.24    | ppb   |
| Strontium  | 88-1  | 512.62    | 509.50    | 513.67    | 511.93     | 0.42    | ppb   |
| Sulfur     | 34-1  | 10939.49  | 11081.80  | 10923.99  | 10981.76   | 0.79    | ppb   |
| Terbium    | 159-1 |           |           |           | 100        |         | %     |
| Terbium    | 159-2 |           |           |           | 93         |         | %     |
| Thallium   | 203-1 | 528.03    | 526.78    | 524.26    | 526.36     | 0.36    | ppb   |
| Thallium   | 205-1 | 547.23    | 545.68    | 547.72    | 546.88     | 0.19    | ppb   |
| Thorium    | 232-1 | 543.91    | 550.54    | 544.11    | 546.19     | 0.69    | ppb   |
| Tin        | 118-1 | 490.58    | 489.82    | 487.41    | 489.27     | 0.34    | ppb   |
| Titanium   | 47-1  | 2568.43   | 2543.72   | 2545.26   | 2552.47    | 0.54    | ppb   |
| Uranium    | 238-1 | 532.49    | 539.05    | 536.62    | 536.05     | 0.62    | ppb   |
| Vanadium   | 51-2  | 518.43    | 516.85    | 513.60    | 516.30     | 0.48    | ppb   |
| Yttrium    | 89-1  |           |           |           | 92         |         | %     |
| Yttrium    | 89-2  |           |           |           | 88         |         | %     |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100071            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV27               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV27               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-12-27 15:31:07 | DataFile Name :   | 054CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 1088.24 | 1083.97 | 1089.36 | 1087.19    | 0.26    | ppb   |
| Zirconium | 90-1 | 514.83  | 512.30  | 509.56  | 512.23     | 0.51    | ppb   |
| Zirconium | 91-1 | 512.43  | 512.03  | 508.44  | 510.97     | 0.43    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : CCB27 Instrumnet Name : P7  
 Client Sample ID : CCB27 Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 15:40:08 DataFile Name : 056CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.21    | 1.20    | 1.69    | 1.37       | 20.31   | ppb   |
| Antimony   | 121-1 | 0.04    | 0.04    | 0.05    | 0.04       | 6.63    | ppb   |
| Arsenic    | 75-2  | 0.02    | 0.00    | 0.03    | 0.02       | 64.96   | ppb   |
| Barium     | 135-1 | 0.04    | 0.02    | 0.03    | 0.03       | 19.55   | ppb   |
| Barium     | 137-1 | 0.04    | 0.05    | 0.05    | 0.05       | 8.11    | ppb   |
| Beryllium  | 9-1   | 0.04    | 0.03    | 0.04    | 0.04       | 16.87   | ppb   |
| Bismuth    | 209-1 |         |         |         | 111        |         | %     |
| Bismuth    | 209-2 |         |         |         | 101        |         | %     |
| Boron      | 10-1  | 4.01    | 3.55    | 3.53    | 3.70       | 7.42    | ppb   |
| Boron      | 11-1  | 3.34    | 3.44    | 3.57    | 3.45       | 3.21    | ppb   |
| Cadmium    | 111-1 | -0.17   | -0.14   | -0.11   | -0.14      |         | ppb   |
| Cadmium    | 106-1 | -2.32   | -1.99   | -1.57   | -1.96      |         | ppb   |
| Cadmium    | 108-1 | -0.02   | -0.10   | 0.01    | -0.04      |         | ppb   |
| Calcium    | 43-1  | 1.66    | 1.65    | 0.96    | 1.42       | 27.94   | ppb   |
| Calcium    | 44-1  | 0.92    | 1.78    | 2.35    | 1.68       | 42.74   | ppb   |
| Chromium   | 52-2  | -0.05   | -0.03   | -0.04   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.01    | 0.00    | 0.00       | 85.66   | ppb   |
| Copper     | 63-2  | 0.07    | 0.06    | 0.08    | 0.07       | 13.30   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 110        |         | %     |
| Holmium    | 165-2 |         |         |         | 102        |         | %     |
| Indium     | 115-1 |         |         |         | 106        |         | %     |
| Indium     | 115-2 |         |         |         | 101        |         | %     |
| Iron       | 56-2  | 4.03    | 3.82    | 3.34    | 3.73       | 9.62    | ppb   |
| Iron       | 57-2  | 5.39    | 5.18    | 4.83    | 5.13       | 5.54    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.06    | 0.06    | 0.07    | 0.06       | 7.38    | ppb   |
| Lead       | 207-1 | 0.07    | 0.03    | 0.03    | 0.04       | 45.27   | ppb   |
| Lead       | 208-1 | 0.06    | 0.05    | 0.06    | 0.05       | 9.18    | ppb   |
| Lithium    | 6-1   |         |         |         | 103        |         | %     |
| Magnesium  | 24-2  | 6.01    | 5.86    | 5.82    | 5.90       | 1.69    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : CCB27 Instrumnet Name : P7  
 Client Sample ID : CCB27 Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 15:40:08 DataFile Name : 056CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.01    | 0.01    | 0.01    | 0.01       | 14.47   | ppb   |
| Molybdenum | 94-1  | 0.06    | 0.07    | 0.07    | 0.07       | 6.06    | ppb   |
| Molybdenum | 95-1  | 0.10    | 0.06    | 0.05    | 0.07       | 45.43   | ppb   |
| Molybdenum | 96-1  | 0.08    | 0.06    | 0.07    | 0.07       | 15.97   | ppb   |
| Molybdenum | 97-1  | 0.08    | 0.03    | 0.05    | 0.06       | 48.16   | ppb   |
| Molybdenum | 98-1  | 0.09    | 0.07    | 0.06    | 0.08       | 18.99   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.02   | 0.01    | 0.02    | 0.00       | 1045.35 | ppb   |
| Phosphorus | 31-2  | -43.08  | -35.03  | -33.71  | -37.27     |         | ppb   |
| Potassium  | 39-2  | 6.08    | 3.55    | 2.62    | 4.08       | 43.79   | ppb   |
| Rhodium    | 103-1 |         |         |         | 105        |         | %     |
| Rhodium    | 103-2 |         |         |         | 99         |         | %     |
| Scandium   | 45-1  |         |         |         | 105        |         | %     |
| Scandium   | 45-2  |         |         |         | 100        |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.59    | 0.11    | 0.33    | 0.34       | 70.58   | ppb   |
| Selenium   | 82-1  | 0.17    | -0.13   | 0.09    | 0.04       | 357.02  | ppb   |
| Silicon    | 28-1  | -2.49   | -2.87   | -2.16   | -2.51      |         | ppb   |
| Silver     | 109-1 | 0.01    | 0.00    | 0.01    | 0.01       | 45.48   | ppb   |
| Silver     | 107-1 | 0.01    | 0.00    | 0.01    | 0.01       | 44.32   | ppb   |
| Sodium     | 23-2  | 3.37    | 1.72    | 1.55    | 2.21       | 45.45   | ppb   |
| Strontium  | 86-1  | -0.01   | -0.06   | -0.04   | -0.04      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.01    | 0.01    | 0.01       | 21.55   | ppb   |
| Sulfur     | 34-1  | 227.75  | 202.21  | 331.28  | 253.75     | 26.94   | ppb   |
| Terbium    | 159-1 |         |         |         | 108        |         | %     |
| Terbium    | 159-2 |         |         |         | 102        |         | %     |
| Thallium   | 203-1 | 0.04    | 0.04    | 0.05    | 0.04       | 4.67    | ppb   |
| Thallium   | 205-1 | 0.04    | 0.04    | 0.04    | 0.04       | 8.25    | ppb   |
| Thorium    | 232-1 | 0.01    | 0.01    | 0.01    | 0.01       | 2.45    | ppb   |
| Tin        | 118-1 | 0.03    | 0.02    | 0.05    | 0.03       | 35.65   | ppb   |
| Titanium   | 47-1  | 0.06    | 0.00    | 0.03    | 0.03       | 101.55  | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.01    | 0.00       | 31.00   | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.01    | 0.00    | 0.00       | 239.91  | ppb   |
| Yttrium    | 89-1  |         |         |         | 106        |         | %     |
| Yttrium    | 89-2  |         |         |         | 100        |         | %     |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB27               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB27               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 15:40:08 | DataFile Name :   | 056CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | -0.03   | 0.09    | 0.03    | 0.03       | 189.04  | ppb   |
| Zirconium | 90-1 | 0.01    | 0.01    | 0.00    | 0.01       | 55.94   | ppb   |
| Zirconium | 91-1 | 0.01    | 0.02    | 0.02    | 0.02       | 44.99   | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-05DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS013-0006-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 15:43:42  | DataFile Name :   | 057SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 19669.26 | 19497.51 | 19441.73 | 19536.16   | 0.61    | ppb   |
| Antimony   | 121-1 | 0.13     | 0.12     | 0.14     | 0.13       | 7.45    | ppb   |
| Arsenic    | 75-2  | 10.07    | 10.26    | 10.53    | 10.29      | 2.21    | ppb   |
| Barium     | 135-1 | 329.33   | 324.87   | 323.84   | 326.01     | 0.90    | ppb   |
| Barium     | 137-1 | 327.04   | 327.21   | 323.91   | 326.05     | 0.57    | ppb   |
| Beryllium  | 9-1   | 1.19     | 1.17     | 1.12     | 1.16       | 2.98    | ppb   |
| Bismuth    | 209-1 |          |          |          | 109        |         | %     |
| Bismuth    | 209-2 |          |          |          | 98         |         | %     |
| Boron      | 10-1  | 5.06     | 4.65     | 5.56     | 5.09       | 8.89    | ppb   |
| Boron      | 11-1  | 5.33     | 5.04     | 5.21     | 5.19       | 2.80    | ppb   |
| Cadmium    | 111-1 | 0.76     | 0.53     | 0.61     | 0.63       | 18.82   | ppb   |
| Cadmium    | 106-1 | 1.03     | -0.25    | -0.44    | 0.11       | 726.62  | ppb   |
| Cadmium    | 108-1 | 1.13     | 1.07     | 1.08     | 1.09       | 3.25    | ppb   |
| Calcium    | 43-1  | 6419.30  | 6371.35  | 6372.26  | 6387.64    | 0.43    | ppb   |
| Calcium    | 44-1  | 6394.15  | 6364.64  | 6351.44  | 6370.08    | 0.34    | ppb   |
| Chromium   | 52-2  | 23.19    | 22.94    | 22.63    | 22.92      | 1.23    | ppb   |
| Cobalt     | 59-2  | 15.18    | 15.41    | 15.38    | 15.32      | 0.82    | ppb   |
| Copper     | 63-2  | 54.65    | 54.90    | 54.11    | 54.55      | 0.74    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 111        |         | %     |
| Holmium    | 165-2 |          |          |          | 101        |         | %     |
| Indium     | 115-1 |          |          |          | 105        |         | %     |
| Indium     | 115-2 |          |          |          | 98         |         | %     |
| Iron       | 56-2  | 39484.69 | 39113.34 | 39006.86 | 39201.63   | 0.64    | ppb   |
| Iron       | 57-2  | 38188.87 | 38457.11 | 38076.09 | 38240.69   | 0.51    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 149.12   | 148.01   | 149.50   | 148.88     | 0.52    | ppb   |
| Lead       | 207-1 | 136.36   | 135.71   | 137.01   | 136.36     | 0.48    | ppb   |
| Lead       | 208-1 | 141.89   | 140.92   | 141.93   | 141.58     | 0.40    | ppb   |
| Lithium    | 6-1   |          |          |          | 104        |         | %     |
| Magnesium  | 24-2  | 6692.49  | 6639.35  | 6651.94  | 6661.26    | 0.42    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-05DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS013-0006-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 15:43:42  | DataFile Name :   | 057SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 1902.64 | 1895.83 | 1906.35 | 1901.61    | 0.28    | ppb   |
| Molybdenum | 94-1  | 6.48    | 6.65    | 6.74    | 6.62       | 2.04    | ppb   |
| Molybdenum | 95-1  | 1.15    | 1.04    | 1.09    | 1.09       | 4.87    | ppb   |
| Molybdenum | 96-1  | 2.09    | 2.12    | 2.15    | 2.12       | 1.42    | ppb   |
| Molybdenum | 97-1  | 1.05    | 1.03    | 0.97    | 1.02       | 3.83    | ppb   |
| Molybdenum | 98-1  | 1.04    | 1.05    | 1.03    | 1.04       | 0.73    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 31.60   | 31.34   | 31.00   | 31.31      | 0.95    | ppb   |
| Phosphorus | 31-2  | 1013.84 | 1109.04 | 1063.84 | 1062.24    | 4.48    | ppb   |
| Potassium  | 39-2  | 984.02  | 973.65  | 972.94  | 976.87     | 0.64    | ppb   |
| Rhodium    | 103-1 |         |         |         | 103        |         | %     |
| Rhodium    | 103-2 |         |         |         | 95         |         | %     |
| Scandium   | 45-1  |         |         |         | 105        |         | %     |
| Scandium   | 45-2  |         |         |         | 98         |         | %     |
| Selenium   | 77-2  | 8.84    | 9.43    | 11.17   | 9.81       | 12.35   | ppb   |
| Selenium   | 78-2  | 2.00    | 3.03    | 2.64    | 2.56       | 20.30   | ppb   |
| Selenium   | 82-1  | 0.91    | 1.26    | 0.91    | 1.03       | 19.35   | ppb   |
| Silicon    | 28-1  | 1393.25 | 1387.00 | 1405.65 | 1395.30    | 0.68    | ppb   |
| Silver     | 109-1 | 0.10    | 0.07    | 0.10    | 0.09       | 14.30   | ppb   |
| Silver     | 107-1 | 0.09    | 0.09    | 0.09    | 0.09       | 3.32    | ppb   |
| Sodium     | 23-2  | 130.03  | 130.01  | 130.09  | 130.04     | 0.03    | ppb   |
| Strontium  | 86-1  | 26.45   | 26.90   | 26.94   | 26.77      | 1.02    | ppb   |
| Strontium  | 88-1  | 27.01   | 26.52   | 26.95   | 26.83      | 0.99    | ppb   |
| Sulfur     | 34-1  | 798.49  | 471.45  | 445.45  | 571.80     | 34.41   | ppb   |
| Terbium    | 159-1 |         |         |         | 110        |         | %     |
| Terbium    | 159-2 |         |         |         | 101        |         | %     |
| Thallium   | 203-1 | 0.13    | 0.15    | 0.13    | 0.14       | 8.22    | ppb   |
| Thallium   | 205-1 | 0.14    | 0.14    | 0.14    | 0.14       | 0.68    | ppb   |
| Thorium    | 232-1 | 3.22    | 3.22    | 3.27    | 3.24       | 0.84    | ppb   |
| Tin        | 118-1 | 0.62    | 0.65    | 0.68    | 0.65       | 4.55    | ppb   |
| Titanium   | 47-1  | 40.36   | 39.37   | 39.97   | 39.90      | 1.24    | ppb   |
| Uranium    | 238-1 | 0.57    | 0.57    | 0.59    | 0.58       | 1.97    | ppb   |
| Vanadium   | 51-2  | 27.32   | 27.05   | 27.47   | 27.28      | 0.78    | ppb   |
| Yttrium    | 89-1  |         |         |         | 111        |         | %     |
| Yttrium    | 89-2  |         |         |         | 102        |         | %     |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-05DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS013-0006-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 15:43:42  | DataFile Name :   | 057SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 132.35  | 135.55  | 133.22  | 133.71     | 1.23    | ppb   |
| Zirconium | 90-1 | 3.89    | 3.81    | 3.75    | 3.82       | 1.73    | ppb   |
| Zirconium | 91-1 | 3.85    | 3.78    | 3.87    | 3.83       | 1.22    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-06DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS013-0612-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 15:47:17 DataFile Name : 058SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 25264.61 | 24993.45 | 24894.19 | 25050.75   | 0.77    | ppb   |
| Antimony   | 121-1 | 0.09     | 0.09     | 0.10     | 0.10       | 2.65    | ppb   |
| Arsenic    | 75-2  | 15.52    | 15.24    | 14.90    | 15.22      | 2.07    | ppb   |
| Barium     | 135-1 | 346.99   | 342.27   | 343.01   | 344.09     | 0.74    | ppb   |
| Barium     | 137-1 | 345.77   | 339.53   | 341.38   | 342.23     | 0.94    | ppb   |
| Beryllium  | 9-1   | 1.41     | 1.38     | 1.50     | 1.43       | 4.41    | ppb   |
| Bismuth    | 209-1 |          |          |          | 109        |         | %     |
| Bismuth    | 209-2 |          |          |          | 100        |         | %     |
| Boron      | 10-1  | 3.59     | 3.46     | 3.78     | 3.61       | 4.46    | ppb   |
| Boron      | 11-1  | 3.66     | 3.79     | 3.98     | 3.81       | 4.13    | ppb   |
| Cadmium    | 111-1 | 0.39     | 0.20     | 0.25     | 0.28       | 35.52   | ppb   |
| Cadmium    | 106-1 | 0.50     | -1.95    | -1.25    | -0.90      |         | ppb   |
| Cadmium    | 108-1 | 1.13     | 1.02     | 1.10     | 1.08       | 4.96    | ppb   |
| Calcium    | 43-1  | 4384.95  | 4452.60  | 4411.82  | 4416.45    | 0.77    | ppb   |
| Calcium    | 44-1  | 4428.21  | 4446.04  | 4435.07  | 4436.44    | 0.20    | ppb   |
| Chromium   | 52-2  | 29.52    | 29.13    | 28.54    | 29.06      | 1.71    | ppb   |
| Cobalt     | 59-2  | 19.27    | 19.21    | 18.82    | 19.10      | 1.29    | ppb   |
| Copper     | 63-2  | 59.25    | 58.15    | 58.07    | 58.49      | 1.12    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 111        |         | %     |
| Holmium    | 165-2 |          |          |          | 103        |         | %     |
| Indium     | 115-1 |          |          |          | 104        |         | %     |
| Indium     | 115-2 |          |          |          | 100        |         | %     |
| Iron       | 56-2  | 51897.51 | 51126.19 | 50631.92 | 51218.54   | 1.25    | ppb   |
| Iron       | 57-2  | 50110.42 | 49765.46 | 49263.82 | 49713.23   | 0.86    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 170.30   | 169.88   | 169.64   | 169.94     | 0.19    | ppb   |
| Lead       | 207-1 | 158.12   | 157.16   | 156.97   | 157.42     | 0.39    | ppb   |
| Lead       | 208-1 | 163.19   | 162.16   | 161.58   | 162.31     | 0.50    | ppb   |
| Lithium    | 6-1   |          |          |          | 103        |         | %     |
| Magnesium  | 24-2  | 8035.31  | 7960.51  | 7866.26  | 7954.03    | 1.07    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-06DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS013-0612-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 15:47:17 DataFile Name : 058SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 1655.75 | 1651.13 | 1638.71 | 1648.53    | 0.53    | ppb   |
| Molybdenum | 94-1  | 9.56    | 9.28    | 9.31    | 9.38       | 1.66    | ppb   |
| Molybdenum | 95-1  | 1.14    | 1.15    | 1.07    | 1.12       | 3.93    | ppb   |
| Molybdenum | 96-1  | 2.48    | 2.48    | 2.57    | 2.51       | 2.06    | ppb   |
| Molybdenum | 97-1  | 1.15    | 1.11    | 1.11    | 1.12       | 1.99    | ppb   |
| Molybdenum | 98-1  | 1.05    | 1.12    | 1.14    | 1.11       | 4.52    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 39.30   | 38.70   | 37.78   | 38.59      | 1.98    | ppb   |
| Phosphorus | 31-2  | 890.80  | 914.02  | 993.05  | 932.62     | 5.75    | ppb   |
| Potassium  | 39-2  | 890.14  | 890.10  | 876.72  | 885.65     | 0.87    | ppb   |
| Rhodium    | 103-1 |         |         |         | 103        |         | %     |
| Rhodium    | 103-2 |         |         |         | 97         |         | %     |
| Scandium   | 45-1  |         |         |         | 106        |         | %     |
| Scandium   | 45-2  |         |         |         | 101        |         | %     |
| Selenium   | 77-2  | 9.17    | 12.88   | 16.56   | 12.87      | 28.73   | ppb   |
| Selenium   | 78-2  | 3.83    | 3.26    | 3.45    | 3.51       | 8.19    | ppb   |
| Selenium   | 82-1  | 1.08    | 1.04    | 0.95    | 1.03       | 6.47    | ppb   |
| Silicon    | 28-1  | 1474.74 | 1478.01 | 1473.02 | 1475.26    | 0.17    | ppb   |
| Silver     | 109-1 | 0.12    | 0.11    | 0.12    | 0.12       | 6.48    | ppb   |
| Silver     | 107-1 | 0.14    | 0.13    | 0.13    | 0.13       | 4.62    | ppb   |
| Sodium     | 23-2  | 150.74  | 147.96  | 148.27  | 148.99     | 1.02    | ppb   |
| Strontium  | 86-1  | 20.33   | 20.06   | 20.07   | 20.15      | 0.75    | ppb   |
| Strontium  | 88-1  | 20.41   | 20.08   | 20.20   | 20.23      | 0.82    | ppb   |
| Sulfur     | 34-1  | -505.74 | -548.78 | -591.27 | -548.60    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 110        |         | %     |
| Terbium    | 159-2 |         |         |         | 103        |         | %     |
| Thallium   | 203-1 | 0.20    | 0.18    | 0.19    | 0.19       | 5.75    | ppb   |
| Thallium   | 205-1 | 0.20    | 0.19    | 0.18    | 0.19       | 4.87    | ppb   |
| Thorium    | 232-1 | 4.65    | 4.65    | 4.63    | 4.64       | 0.23    | ppb   |
| Tin        | 118-1 | 0.56    | 0.60    | 0.62    | 0.59       | 4.75    | ppb   |
| Titanium   | 47-1  | 38.38   | 38.63   | 39.40   | 38.80      | 1.38    | ppb   |
| Uranium    | 238-1 | 0.68    | 0.66    | 0.65    | 0.66       | 1.98    | ppb   |
| Vanadium   | 51-2  | 33.96   | 34.48   | 34.15   | 34.20      | 0.77    | ppb   |
| Yttrium    | 89-1  |         |         |         | 112        |         | %     |
| Yttrium    | 89-2  |         |         |         | 106        |         | %     |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-06DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS013-0612-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 15:47:17  | DataFile Name :   | 058SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 145.94  | 142.39  | 141.64  | 143.32     | 1.60    | ppb   |
| Zirconium | 90-1 | 5.36    | 5.39    | 5.34    | 5.36       | 0.47    | ppb   |
| Zirconium | 91-1 | 5.64    | 5.51    | 5.45    | 5.53       | 1.77    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-07DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS013-1218-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 15:50:51 DataFile Name : 059SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 27486.93 | 27318.56 | 27473.21 | 27426.23   | 0.34    | ppb   |
| Antimony   | 121-1 | 0.13     | 0.13     | 0.14     | 0.13       | 6.84    | ppb   |
| Arsenic    | 75-2  | 15.10    | 15.02    | 14.60    | 14.90      | 1.79    | ppb   |
| Barium     | 135-1 | 364.56   | 361.60   | 361.78   | 362.65     | 0.46    | ppb   |
| Barium     | 137-1 | 365.21   | 362.09   | 361.66   | 362.99     | 0.53    | ppb   |
| Beryllium  | 9-1   | 1.48     | 1.40     | 1.42     | 1.43       | 3.05    | ppb   |
| Bismuth    | 209-1 |          |          |          | 108        |         | %     |
| Bismuth    | 209-2 |          |          |          | 98         |         | %     |
| Boron      | 10-1  | 3.01     | 3.59     | 3.69     | 3.43       | 10.74   | ppb   |
| Boron      | 11-1  | 3.12     | 3.25     | 3.45     | 3.27       | 5.16    | ppb   |
| Cadmium    | 111-1 | 0.21     | 0.32     | 0.15     | 0.22       | 37.29   | ppb   |
| Cadmium    | 106-1 | -0.99    | 0.71     | -1.00    | -0.43      |         | ppb   |
| Cadmium    | 108-1 | 0.84     | 0.87     | 0.75     | 0.82       | 7.29    | ppb   |
| Calcium    | 43-1  | 3025.18  | 3041.56  | 3019.13  | 3028.62    | 0.38    | ppb   |
| Calcium    | 44-1  | 3030.46  | 3047.61  | 3071.76  | 3049.95    | 0.68    | ppb   |
| Chromium   | 52-2  | 30.84    | 30.64    | 30.55    | 30.68      | 0.49    | ppb   |
| Cobalt     | 59-2  | 19.86    | 19.51    | 19.74    | 19.70      | 0.89    | ppb   |
| Copper     | 63-2  | 65.28    | 64.74    | 65.50    | 65.17      | 0.60    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 110        |         | %     |
| Holmium    | 165-2 |          |          |          | 102        |         | %     |
| Indium     | 115-1 |          |          |          | 103        |         | %     |
| Indium     | 115-2 |          |          |          | 97         |         | %     |
| Iron       | 56-2  | 55893.81 | 55218.09 | 54994.54 | 55368.81   | 0.85    | ppb   |
| Iron       | 57-2  | 54133.91 | 53904.48 | 53718.55 | 53918.98   | 0.39    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 243.94   | 242.00   | 242.93   | 242.96     | 0.40    | ppb   |
| Lead       | 207-1 | 226.31   | 224.76   | 223.56   | 224.88     | 0.61    | ppb   |
| Lead       | 208-1 | 233.55   | 231.62   | 230.67   | 231.95     | 0.63    | ppb   |
| Lithium    | 6-1   |          |          |          | 100        |         | %     |
| Magnesium  | 24-2  | 7917.01  | 7818.72  | 7904.09  | 7879.94    | 0.68    | ppb   |



LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-07DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS013-1218-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 15:50:51 DataFile Name : 059SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 2002.91 | 1996.13 | 1986.30 | 1995.11    | 0.42    | ppb   |
| Molybdenum | 94-1  | 8.56    | 8.24    | 8.61    | 8.47       | 2.34    | ppb   |
| Molybdenum | 95-1  | 1.88    | 1.78    | 1.82    | 1.83       | 2.73    | ppb   |
| Molybdenum | 96-1  | 3.04    | 2.94    | 3.05    | 3.01       | 1.91    | ppb   |
| Molybdenum | 97-1  | 1.82    | 1.73    | 1.80    | 1.79       | 2.63    | ppb   |
| Molybdenum | 98-1  | 1.74    | 1.76    | 1.77    | 1.76       | 0.88    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 37.87   | 38.13   | 38.30   | 38.10      | 0.57    | ppb   |
| Phosphorus | 31-2  | 1025.97 | 995.90  | 983.75  | 1001.88    | 2.17    | ppb   |
| Potassium  | 39-2  | 801.24  | 805.45  | 800.76  | 802.48     | 0.32    | ppb   |
| Rhodium    | 103-1 |         |         |         | 102        |         | %     |
| Rhodium    | 103-2 |         |         |         | 95         |         | %     |
| Scandium   | 45-1  |         |         |         | 105        |         | %     |
| Scandium   | 45-2  |         |         |         | 98         |         | %     |
| Selenium   | 77-2  | 13.57   | 13.51   | 11.45   | 12.84      | 9.41    | ppb   |
| Selenium   | 78-2  | 2.77    | 3.81    | 3.71    | 3.43       | 16.69   | ppb   |
| Selenium   | 82-1  | 1.20    | 1.18    | 1.56    | 1.31       | 16.14   | ppb   |
| Silicon    | 28-1  | 1602.87 | 1615.17 | 1633.08 | 1617.04    | 0.94    | ppb   |
| Silver     | 109-1 | 0.14    | 0.13    | 0.15    | 0.14       | 7.78    | ppb   |
| Silver     | 107-1 | 0.13    | 0.12    | 0.15    | 0.13       | 9.89    | ppb   |
| Sodium     | 23-2  | 126.33  | 126.12  | 125.37  | 125.94     | 0.40    | ppb   |
| Strontium  | 86-1  | 15.00   | 14.82   | 14.61   | 14.81      | 1.33    | ppb   |
| Strontium  | 88-1  | 15.12   | 15.04   | 14.92   | 15.03      | 0.67    | ppb   |
| Sulfur     | 34-1  | -754.07 | -697.35 | -809.89 | -753.77    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 109        |         | %     |
| Terbium    | 159-2 |         |         |         | 102        |         | %     |
| Thallium   | 203-1 | 0.22    | 0.21    | 0.23    | 0.22       | 3.24    | ppb   |
| Thallium   | 205-1 | 0.21    | 0.22    | 0.22    | 0.22       | 1.64    | ppb   |
| Thorium    | 232-1 | 5.02    | 4.93    | 5.01    | 4.99       | 1.00    | ppb   |
| Tin        | 118-1 | 2.16    | 2.09    | 2.25    | 2.17       | 3.71    | ppb   |
| Titanium   | 47-1  | 39.38   | 39.36   | 39.02   | 39.25      | 0.52    | ppb   |
| Uranium    | 238-1 | 0.62    | 0.63    | 0.62    | 0.62       | 0.74    | ppb   |
| Vanadium   | 51-2  | 38.00   | 38.34   | 38.15   | 38.16      | 0.45    | ppb   |
| Yttrium    | 89-1  |         |         |         | 111        |         | %     |
| Yttrium    | 89-2  |         |         |         | 104        |         | %     |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-07DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS013-1218-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 15:50:51  | DataFile Name :   | 059SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 146.27  | 144.25  | 144.52  | 145.02     | 0.76    | ppb   |
| Zirconium | 90-1 | 4.60    | 4.67    | 4.69    | 4.65       | 1.09    | ppb   |
| Zirconium | 91-1 | 4.74    | 4.61    | 4.59    | 4.65       | 1.69    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-08DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS013-1824-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 15:54:25  | DataFile Name :   | 060SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 23293.90 | 23454.09 | 23370.58 | 23372.86   | 0.34    | ppb   |
| Antimony   | 121-1 | 0.10     | 0.12     | 0.12     | 0.11       | 8.32    | ppb   |
| Arsenic    | 75-2  | 39.14    | 39.88    | 40.13    | 39.72      | 1.30    | ppb   |
| Barium     | 135-1 | 354.06   | 350.73   | 351.73   | 352.17     | 0.49    | ppb   |
| Barium     | 137-1 | 357.10   | 348.60   | 357.24   | 354.31     | 1.40    | ppb   |
| Beryllium  | 9-1   | 1.19     | 1.14     | 1.16     | 1.16       | 2.30    | ppb   |
| Bismuth    | 209-1 |          |          |          | 108        |         | %     |
| Bismuth    | 209-2 |          |          |          | 98         |         | %     |
| Boron      | 10-1  | 3.17     | 2.89     | 3.23     | 3.10       | 5.91    | ppb   |
| Boron      | 11-1  | 3.03     | 3.01     | 3.02     | 3.02       | 0.22    | ppb   |
| Cadmium    | 111-1 | 0.37     | 0.26     | 0.24     | 0.29       | 25.06   | ppb   |
| Cadmium    | 106-1 | -0.64    | -1.27    | -1.18    | -1.03      |         | ppb   |
| Cadmium    | 108-1 | 0.92     | 0.95     | 0.90     | 0.92       | 2.76    | ppb   |
| Calcium    | 43-1  | 1809.42  | 1774.24  | 1786.95  | 1790.20    | 1.00    | ppb   |
| Calcium    | 44-1  | 1790.13  | 1796.18  | 1785.84  | 1790.71    | 0.29    | ppb   |
| Chromium   | 52-2  | 25.17    | 24.86    | 25.05    | 25.03      | 0.62    | ppb   |
| Cobalt     | 59-2  | 13.71    | 13.95    | 13.76    | 13.81      | 0.90    | ppb   |
| Copper     | 63-2  | 76.43    | 77.51    | 77.24    | 77.06      | 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 |          |          |          | 110        |         | %     |
| Holmium    | 165-2 |          |          |          | 102        |         | %     |
| Indium     | 115-1 |          |          |          | 103        |         | %     |
| Indium     | 115-2 |          |          |          | 97         |         | %     |
| Iron       | 56-2  | 46567.97 | 46490.76 | 46600.13 | 46552.95   | 0.12    | ppb   |
| Iron       | 57-2  | 45260.42 | 45429.18 | 45101.04 | 45263.55   | 0.36    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 414.65   | 409.87   | 413.58   | 412.70     | 0.61    | ppb   |
| Lead       | 207-1 | 383.86   | 383.44   | 387.32   | 384.88     | 0.55    | ppb   |
| Lead       | 208-1 | 403.36   | 400.71   | 403.67   | 402.58     | 0.40    | ppb   |
| Lithium    | 6-1   |          |          |          | 99         |         | %     |
| Magnesium  | 24-2  | 6642.28  | 6733.66  | 6691.91  | 6689.28    | 0.68    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-08DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS013-1824-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 15:54:25  | DataFile Name :   | 060SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 910.47  | 919.61  | 917.98  | 916.02     | 0.53    | ppb   |
| Molybdenum | 94-1  | 5.90    | 5.77    | 5.78    | 5.82       | 1.23    | ppb   |
| Molybdenum | 95-1  | 1.16    | 1.11    | 1.17    | 1.15       | 2.88    | ppb   |
| Molybdenum | 96-1  | 2.09    | 2.16    | 2.01    | 2.08       | 3.49    | ppb   |
| Molybdenum | 97-1  | 1.22    | 1.08    | 1.08    | 1.13       | 7.28    | ppb   |
| Molybdenum | 98-1  | 1.14    | 1.12    | 1.18    | 1.15       | 2.35    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 31.58   | 32.34   | 32.29   | 32.07      | 1.33    | ppb   |
| Phosphorus | 31-2  | 1101.03 | 1147.57 | 1030.43 | 1093.01    | 5.40    | ppb   |
| Potassium  | 39-2  | 763.75  | 774.20  | 769.04  | 769.00     | 0.68    | ppb   |
| Rhodium    | 103-1 |         |         |         | 101        |         | %     |
| Rhodium    | 103-2 |         |         |         | 95         |         | %     |
| Scandium   | 45-1  |         |         |         | 103        |         | %     |
| Scandium   | 45-2  |         |         |         | 97         |         | %     |
| Selenium   | 77-2  | 9.35    | 8.09    | 14.13   | 10.52      | 30.29   | ppb   |
| Selenium   | 78-2  | 3.80    | 2.36    | 2.56    | 2.91       | 26.81   | ppb   |
| Selenium   | 82-1  | 1.25    | 0.83    | 1.43    | 1.17       | 26.58   | ppb   |
| Silicon    | 28-1  | 1989.24 | 2027.20 | 2072.30 | 2029.58    | 2.05    | ppb   |
| Silver     | 109-1 | 0.11    | 0.12    | 0.12    | 0.12       | 3.04    | ppb   |
| Silver     | 107-1 | 0.11    | 0.12    | 0.11    | 0.12       | 3.28    | ppb   |
| Sodium     | 23-2  | 147.76  | 151.97  | 149.40  | 149.71     | 1.42    | ppb   |
| Strontium  | 86-1  | 10.17   | 9.97    | 10.20   | 10.12      | 1.22    | ppb   |
| Strontium  | 88-1  | 10.13   | 9.97    | 10.11   | 10.07      | 0.87    | ppb   |
| Sulfur     | 34-1  | -431.61 | -447.44 | -422.28 | -433.77    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 108        |         | %     |
| Terbium    | 159-2 |         |         |         | 101        |         | %     |
| Thallium   | 203-1 | 0.19    | 0.18    | 0.20    | 0.19       | 4.94    | ppb   |
| Thallium   | 205-1 | 0.20    | 0.20    | 0.19    | 0.20       | 2.45    | ppb   |
| Thorium    | 232-1 | 4.00    | 3.92    | 3.97    | 3.96       | 1.05    | ppb   |
| Tin        | 118-1 | 5.98    | 5.92    | 5.93    | 5.94       | 0.62    | ppb   |
| Titanium   | 47-1  | 39.81   | 39.93   | 40.15   | 39.96      | 0.43    | ppb   |
| Uranium    | 238-1 | 0.48    | 0.48    | 0.51    | 0.49       | 3.13    | ppb   |
| Vanadium   | 51-2  | 34.11   | 34.64   | 34.20   | 34.32      | 0.82    | ppb   |
| Yttrium    | 89-1  |         |         |         | 109        |         | %     |
| Yttrium    | 89-2  |         |         |         | 102        |         | %     |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-08DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS013-1824-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 15:54:25  | DataFile Name :   | 060SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 130.55  | 132.33  | 132.95  | 131.94     | 0.94    | ppb   |
| Zirconium | 90-1 | 3.30    | 3.28    | 3.29    | 3.29       | 0.19    | ppb   |
| Zirconium | 91-1 | 3.35    | 3.07    | 3.25    | 3.22       | 4.42    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-09DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS014-0006-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 15:58:00  | DataFile Name :   | 061SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 18905.06 | 18760.12 | 18994.56 | 18886.58   | 0.63    | ppb   |
| Antimony   | 121-1 | 0.13     | 0.13     | 0.11     | 0.12       | 11.91   | ppb   |
| Arsenic    | 75-2  | 8.73     | 8.95     | 9.12     | 8.93       | 2.17    | ppb   |
| Barium     | 135-1 | 304.61   | 300.68   | 298.27   | 301.19     | 1.06    | ppb   |
| Barium     | 137-1 | 306.67   | 302.24   | 301.75   | 303.55     | 0.89    | ppb   |
| Beryllium  | 9-1   | 1.10     | 1.11     | 1.04     | 1.08       | 3.23    | ppb   |
| Bismuth    | 209-1 |          |          |          | 108        |         | %     |
| Bismuth    | 209-2 |          |          |          | 98         |         | %     |
| Boron      | 10-1  | 2.80     | 3.63     | 3.00     | 3.14       | 13.75   | ppb   |
| Boron      | 11-1  | 3.07     | 2.89     | 2.91     | 2.95       | 3.35    | ppb   |
| Cadmium    | 111-1 | 0.59     | 0.65     | 0.61     | 0.62       | 4.79    | ppb   |
| Cadmium    | 106-1 | -0.70    | -0.16    | -0.81    | -0.56      |         | ppb   |
| Cadmium    | 108-1 | 0.94     | 0.94     | 1.09     | 0.99       | 8.89    | ppb   |
| Calcium    | 43-1  | 3055.14  | 2955.72  | 3040.48  | 3017.11    | 1.78    | ppb   |
| Calcium    | 44-1  | 3078.03  | 3004.03  | 3025.48  | 3035.85    | 1.25    | ppb   |
| Chromium   | 52-2  | 22.04    | 22.14    | 22.58    | 22.25      | 1.29    | ppb   |
| Cobalt     | 59-2  | 12.33    | 12.41    | 12.35    | 12.36      | 0.36    | ppb   |
| Copper     | 63-2  | 52.66    | 52.69    | 53.54    | 52.96      | 0.95    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 109        |         | %     |
| Holmium    | 165-2 |          |          |          | 101        |         | %     |
| Indium     | 115-1 |          |          |          | 102        |         | %     |
| Indium     | 115-2 |          |          |          | 97         |         | %     |
| Iron       | 56-2  | 34668.02 | 34552.73 | 34837.00 | 34685.92   | 0.41    | ppb   |
| Iron       | 57-2  | 33729.78 | 33837.76 | 33942.93 | 33836.83   | 0.31    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 123.80   | 120.91   | 122.26   | 122.32     | 1.18    | ppb   |
| Lead       | 207-1 | 114.29   | 111.84   | 111.26   | 112.46     | 1.43    | ppb   |
| Lead       | 208-1 | 117.82   | 115.41   | 115.43   | 116.22     | 1.19    | ppb   |
| Lithium    | 6-1   |          |          |          | 98         |         | %     |
| Magnesium  | 24-2  | 5357.92  | 5339.14  | 5343.25  | 5346.77    | 0.18    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-09DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS014-0006-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 15:58:00  | DataFile Name :   | 061SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 1794.46 | 1796.04 | 1805.54 | 1798.68    | 0.33    | ppb   |
| Molybdenum | 94-1  | 6.44    | 6.41    | 6.34    | 6.40       | 0.82    | ppb   |
| Molybdenum | 95-1  | 1.10    | 1.08    | 1.08    | 1.09       | 1.43    | ppb   |
| Molybdenum | 96-1  | 2.05    | 1.94    | 2.06    | 2.02       | 3.48    | ppb   |
| Molybdenum | 97-1  | 1.06    | 1.03    | 1.09    | 1.06       | 2.56    | ppb   |
| Molybdenum | 98-1  | 1.05    | 0.98    | 1.03    | 1.02       | 3.89    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 27.33   | 27.57   | 28.37   | 27.76      | 1.97    | ppb   |
| Phosphorus | 31-2  | 1021.75 | 1105.06 | 1015.34 | 1047.38    | 4.78    | ppb   |
| Potassium  | 39-2  | 808.72  | 819.27  | 817.91  | 815.30     | 0.70    | ppb   |
| Rhodium    | 103-1 |         |         |         | 101        |         | %     |
| Rhodium    | 103-2 |         |         |         | 95         |         | %     |
| Scandium   | 45-1  |         |         |         | 102        |         | %     |
| Scandium   | 45-2  |         |         |         | 97         |         | %     |
| Selenium   | 77-2  | 8.95    | 15.66   | 9.93    | 11.51      | 31.51   | ppb   |
| Selenium   | 78-2  | 2.79    | 2.94    | 3.48    | 3.07       | 11.77   | ppb   |
| Selenium   | 82-1  | 1.90    | 1.73    | 1.55    | 1.73       | 10.33   | ppb   |
| Silicon    | 28-1  | 1914.82 | 1899.93 | 1911.13 | 1908.63    | 0.41    | ppb   |
| Silver     | 109-1 | 0.11    | 0.10    | 0.09    | 0.10       | 10.25   | ppb   |
| Silver     | 107-1 | 0.11    | 0.08    | 0.11    | 0.10       | 15.30   | ppb   |
| Sodium     | 23-2  | 174.95  | 173.14  | 173.70  | 173.93     | 0.53    | ppb   |
| Strontium  | 86-1  | 18.08   | 17.36   | 17.49   | 17.64      | 2.18    | ppb   |
| Strontium  | 88-1  | 17.81   | 17.77   | 17.69   | 17.76      | 0.33    | ppb   |
| Sulfur     | 34-1  | -43.81  | -164.72 | -220.60 | -143.04    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 108        |         | %     |
| Terbium    | 159-2 |         |         |         | 101        |         | %     |
| Thallium   | 203-1 | 0.15    | 0.13    | 0.13    | 0.14       | 6.87    | ppb   |
| Thallium   | 205-1 | 0.14    | 0.14    | 0.13    | 0.14       | 4.39    | ppb   |
| Thorium    | 232-1 | 3.09    | 3.10    | 3.08    | 3.09       | 0.45    | ppb   |
| Tin        | 118-1 | 0.51    | 0.49    | 0.44    | 0.48       | 7.33    | ppb   |
| Titanium   | 47-1  | 54.84   | 53.84   | 54.69   | 54.46      | 0.99    | ppb   |
| Uranium    | 238-1 | 0.85    | 0.85    | 0.80    | 0.84       | 3.45    | ppb   |
| Vanadium   | 51-2  | 27.80   | 27.83   | 27.78   | 27.80      | 0.09    | ppb   |
| Yttrium    | 89-1  |         |         |         | 109        |         | %     |
| Yttrium    | 89-2  |         |         |         | 103        |         | %     |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-09DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS014-0006-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 15:58:00  | DataFile Name :   | 061SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 108.72  | 111.66  | 109.49  | 109.96     | 1.38    | ppb   |
| Zirconium | 90-1 | 3.78    | 3.78    | 3.81    | 3.79       | 0.51    | ppb   |
| Zirconium | 91-1 | 3.77    | 3.86    | 3.76    | 3.80       | 1.49    | ppb   |



LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-10DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS014-0612-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 16:01:34 DataFile Name : 062SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 28022.50 | 27680.20 | 27710.83 | 27804.51   | 0.68    | ppb   |
| Antimony   | 121-1 | 0.07     | 0.06     | 0.07     | 0.07       | 6.14    | ppb   |
| Arsenic    | 75-2  | 12.96    | 13.23    | 12.96    | 13.05      | 1.18    | ppb   |
| Barium     | 135-1 | 343.34   | 336.43   | 335.72   | 338.50     | 1.24    | ppb   |
| Barium     | 137-1 | 342.62   | 339.42   | 339.62   | 340.55     | 0.53    | ppb   |
| Beryllium  | 9-1   | 1.58     | 1.45     | 1.45     | 1.49       | 4.97    | ppb   |
| Bismuth    | 209-1 |          |          |          | 106        |         | %     |
| Bismuth    | 209-2 |          |          |          | 97         |         | %     |
| Boron      | 10-1  | 2.59     | 2.88     | 2.72     | 2.73       | 5.26    | ppb   |
| Boron      | 11-1  | 2.73     | 2.75     | 2.81     | 2.76       | 1.62    | ppb   |
| Cadmium    | 111-1 | 0.26     | 0.37     | 0.40     | 0.34       | 21.01   | ppb   |
| Cadmium    | 106-1 | -1.17    | 0.70     | 1.07     | 0.20       | 598.97  | ppb   |
| Cadmium    | 108-1 | 1.18     | 1.01     | 1.22     | 1.14       | 9.70    | ppb   |
| Calcium    | 43-1  | 1188.64  | 1181.12  | 1192.90  | 1187.55    | 0.50    | ppb   |
| Calcium    | 44-1  | 1196.46  | 1189.09  | 1182.89  | 1189.48    | 0.57    | ppb   |
| Chromium   | 52-2  | 30.38    | 30.47    | 30.65    | 30.50      | 0.44    | ppb   |
| Cobalt     | 59-2  | 21.25    | 21.07    | 20.86    | 21.06      | 0.93    | ppb   |
| Copper     | 63-2  | 54.32    | 54.31    | 54.38    | 54.34      | 0.07    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 108        |         | %     |
| Holmium    | 165-2 |          |          |          | 100        |         | %     |
| Indium     | 115-1 |          |          |          | 101        |         | %     |
| Indium     | 115-2 |          |          |          | 96         |         | %     |
| Iron       | 56-2  | 54266.91 | 53877.96 | 53655.08 | 53933.32   | 0.57    | ppb   |
| Iron       | 57-2  | 52391.34 | 52334.88 | 52447.10 | 52391.11   | 0.11    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 115.60   | 115.90   | 113.92   | 115.14     | 0.93    | ppb   |
| Lead       | 207-1 | 106.92   | 106.43   | 105.05   | 106.13     | 0.92    | ppb   |
| Lead       | 208-1 | 110.75   | 110.11   | 108.63   | 109.83     | 0.99    | ppb   |
| Lithium    | 6-1   |          |          |          | 97         |         | %     |
| Magnesium  | 24-2  | 9047.99  | 9037.61  | 9041.75  | 9042.45    | 0.06    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-10DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS014-0612-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 16:01:34  | DataFile Name :   | 062SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 2494.71 | 2502.78 | 2503.91 | 2500.47    | 0.20    | ppb   |
| Molybdenum | 94-1  | 10.47   | 10.56   | 10.57   | 10.54      | 0.51    | ppb   |
| Molybdenum | 95-1  | 0.96    | 1.02    | 0.88    | 0.95       | 7.31    | ppb   |
| Molybdenum | 96-1  | 2.53    | 2.55    | 2.47    | 2.52       | 1.64    | ppb   |
| Molybdenum | 97-1  | 1.04    | 0.92    | 0.89    | 0.95       | 8.02    | ppb   |
| Molybdenum | 98-1  | 0.92    | 0.89    | 0.86    | 0.89       | 3.39    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 41.54   | 40.58   | 41.09   | 41.07      | 1.16    | ppb   |
| Phosphorus | 31-2  | 812.95  | 819.33  | 808.01  | 813.43     | 0.70    | ppb   |
| Potassium  | 39-2  | 952.33  | 961.34  | 936.72  | 950.13     | 1.31    | ppb   |
| Rhodium    | 103-1 |         |         |         | 99         |         | %     |
| Rhodium    | 103-2 |         |         |         | 93         |         | %     |
| Scandium   | 45-1  |         |         |         | 102        |         | %     |
| Scandium   | 45-2  |         |         |         | 96         |         | %     |
| Selenium   | 77-2  | 15.87   | 15.81   | 11.20   | 14.29      | 18.73   | ppb   |
| Selenium   | 78-2  | 3.87    | 2.91    | 3.32    | 3.37       | 14.35   | ppb   |
| Selenium   | 82-1  | 1.11    | 1.00    | 1.63    | 1.25       | 27.04   | ppb   |
| Silicon    | 28-1  | 2307.94 | 2286.56 | 2294.34 | 2296.28    | 0.47    | ppb   |
| Silver     | 109-1 | 0.08    | 0.09    | 0.09    | 0.08       | 3.36    | ppb   |
| Silver     | 107-1 | 0.10    | 0.09    | 0.08    | 0.09       | 11.81   | ppb   |
| Sodium     | 23-2  | 112.77  | 116.61  | 112.91  | 114.10     | 1.91    | ppb   |
| Strontium  | 86-1  | 10.57   | 10.23   | 10.52   | 10.44      | 1.73    | ppb   |
| Strontium  | 88-1  | 10.52   | 10.69   | 10.52   | 10.58      | 0.97    | ppb   |
| Sulfur     | 34-1  | -838.40 | -892.21 | -935.30 | -888.64    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 107        |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 0.16    | 0.17    | 0.17    | 0.17       | 2.26    | ppb   |
| Thallium   | 205-1 | 0.17    | 0.19    | 0.17    | 0.17       | 6.24    | ppb   |
| Thorium    | 232-1 | 4.96    | 4.95    | 4.90    | 4.94       | 0.60    | ppb   |
| Tin        | 118-1 | 0.42    | 0.43    | 0.43    | 0.43       | 1.04    | ppb   |
| Titanium   | 47-1  | 61.53   | 60.69   | 61.34   | 61.19      | 0.72    | ppb   |
| Uranium    | 238-1 | 0.77    | 0.76    | 0.76    | 0.76       | 0.33    | ppb   |
| Vanadium   | 51-2  | 36.98   | 36.40   | 36.25   | 36.54      | 1.05    | ppb   |
| Yttrium    | 89-1  |         |         |         | 109        |         | %     |
| Yttrium    | 89-2  |         |         |         | 102        |         | %     |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-10DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS014-0612-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 16:01:34  | DataFile Name :   | 062SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 142.00  | 141.46  | 140.61  | 141.36     | 0.50    | ppb   |
| Zirconium | 90-1 | 6.48    | 6.30    | 6.38    | 6.38       | 1.44    | ppb   |
| Zirconium | 91-1 | 6.62    | 6.45    | 6.31    | 6.46       | 2.41    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-11DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS014-1218-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 16:05:09 DataFile Name : 063SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 30455.21 | 30456.41 | 30148.67 | 30353.43   | 0.58    | ppb   |
| Antimony   | 121-1 | 0.07     | 0.06     | 0.07     | 0.07       | 7.35    | ppb   |
| Arsenic    | 75-2  | 14.57    | 15.22    | 14.90    | 14.90      | 2.20    | ppb   |
| Barium     | 135-1 | 338.08   | 328.39   | 328.00   | 331.49     | 1.72    | ppb   |
| Barium     | 137-1 | 335.35   | 329.81   | 329.63   | 331.60     | 0.98    | ppb   |
| Beryllium  | 9-1   | 1.93     | 1.79     | 1.79     | 1.83       | 4.35    | ppb   |
| Bismuth    | 209-1 |          |          |          | 105        |         | %     |
| Bismuth    | 209-2 |          |          |          | 96         |         | %     |
| Boron      | 10-1  | 2.07     | 2.53     | 2.21     | 2.27       | 10.33   | ppb   |
| Boron      | 11-1  | 2.15     | 2.29     | 2.28     | 2.24       | 3.59    | ppb   |
| Cadmium    | 111-1 | 0.30     | 0.50     | 0.45     | 0.42       | 24.50   | ppb   |
| Cadmium    | 106-1 | -0.16    | 0.58     | 0.55     | 0.33       | 128.02  | ppb   |
| Cadmium    | 108-1 | 1.51     | 1.09     | 1.20     | 1.27       | 17.36   | ppb   |
| Calcium    | 43-1  | 1425.27  | 1416.33  | 1459.62  | 1433.74    | 1.59    | ppb   |
| Calcium    | 44-1  | 1419.24  | 1411.86  | 1424.21  | 1418.44    | 0.44    | ppb   |
| Chromium   | 52-2  | 34.01    | 33.73    | 33.78    | 33.84      | 0.44    | ppb   |
| Cobalt     | 59-2  | 25.17    | 25.59    | 25.42    | 25.39      | 0.82    | ppb   |
| Copper     | 63-2  | 60.52    | 60.97    | 59.45    | 60.32      | 1.29    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 108        |         | %     |
| Holmium    | 165-2 |          |          |          | 100        |         | %     |
| Indium     | 115-1 |          |          |          | 100        |         | %     |
| Indium     | 115-2 |          |          |          | 95         |         | %     |
| Iron       | 56-2  | 64460.88 | 64610.39 | 63667.30 | 64246.19   | 0.79    | ppb   |
| Iron       | 57-2  | 62338.43 | 63211.49 | 62974.70 | 62841.54   | 0.72    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 179.27   | 178.63   | 178.29   | 178.73     | 0.28    | ppb   |
| Lead       | 207-1 | 165.20   | 164.60   | 164.12   | 164.64     | 0.33    | ppb   |
| Lead       | 208-1 | 170.00   | 169.96   | 170.02   | 169.99     | 0.02    | ppb   |
| Lithium    | 6-1   |          |          |          | 96         |         | %     |
| Magnesium  | 24-2  | 9718.58  | 9685.14  | 9547.16  | 9650.30    | 0.94    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-11DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS014-1218-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 16:05:09 DataFile Name : 063SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|---------|------------|---------|-------|
| Manganese  | 55-2  | 3610.10  | 3606.83  | 3585.22 | 3600.71    | 0.38    | ppb   |
| Molybdenum | 94-1  | 10.61    | 10.29    | 10.42   | 10.44      | 1.53    | ppb   |
| Molybdenum | 95-1  | 1.02     | 0.93     | 0.95    | 0.97       | 4.90    | ppb   |
| Molybdenum | 96-1  | 2.59     | 2.68     | 2.63    | 2.63       | 1.73    | ppb   |
| Molybdenum | 97-1  | 0.99     | 0.88     | 0.84    | 0.91       | 8.52    | ppb   |
| Molybdenum | 98-1  | 1.02     | 0.92     | 0.90    | 0.95       | 6.76    | ppb   |
| Neodymium  | 150-1 |          |          |         |            |         | cps   |
| Neodymium  | 150-2 |          |          |         |            |         | cps   |
| Nickel     | 60-2  | 46.72    | 47.27    | 46.62   | 46.87      | 0.75    | ppb   |
| Phosphorus | 31-2  | 976.63   | 884.77   | 907.46  | 922.95     | 5.18    | ppb   |
| Potassium  | 39-2  | 932.83   | 937.69   | 928.40  | 932.97     | 0.50    | ppb   |
| Rhodium    | 103-1 |          |          |         | 99         |         | %     |
| Rhodium    | 103-2 |          |          |         | 92         |         | %     |
| Scandium   | 45-1  |          |          |         | 102        |         | %     |
| Scandium   | 45-2  |          |          |         | 96         |         | %     |
| Selenium   | 77-2  | 15.89    | 15.85    | 14.03   | 15.26      | 6.96    | ppb   |
| Selenium   | 78-2  | 2.53     | 3.73     | 3.26    | 3.17       | 19.14   | ppb   |
| Selenium   | 82-1  | 1.45     | 1.15     | 1.31    | 1.30       | 11.46   | ppb   |
| Silicon    | 28-1  | 1585.36  | 1585.72  | 1588.24 | 1586.44    | 0.10    | ppb   |
| Silver     | 109-1 | 0.12     | 0.12     | 0.11    | 0.12       | 4.67    | ppb   |
| Silver     | 107-1 | 0.13     | 0.12     | 0.11    | 0.12       | 7.60    | ppb   |
| Sodium     | 23-2  | 122.66   | 123.49   | 119.52  | 121.89     | 1.72    | ppb   |
| Strontium  | 86-1  | 11.07    | 10.97    | 11.27   | 11.10      | 1.40    | ppb   |
| Strontium  | 88-1  | 11.10    | 11.07    | 11.10   | 11.09      | 0.13    | ppb   |
| Sulfur     | 34-1  | -1120.34 | -1040.71 | -964.76 | -1041.94   |         | ppb   |
| Terbium    | 159-1 |          |          |         | 106        |         | %     |
| Terbium    | 159-2 |          |          |         | 99         |         | %     |
| Thallium   | 203-1 | 0.20     | 0.20     | 0.19    | 0.20       | 1.65    | ppb   |
| Thallium   | 205-1 | 0.21     | 0.21     | 0.20    | 0.21       | 2.64    | ppb   |
| Thorium    | 232-1 | 5.95     | 6.01     | 5.93    | 5.96       | 0.71    | ppb   |
| Tin        | 118-1 | 0.44     | 0.48     | 0.44    | 0.45       | 4.69    | ppb   |
| Titanium   | 47-1  | 43.82    | 44.06    | 43.75   | 43.87      | 0.37    | ppb   |
| Uranium    | 238-1 | 0.70     | 0.69     | 0.73    | 0.71       | 3.11    | ppb   |
| Vanadium   | 51-2  | 42.03    | 41.97    | 41.91   | 41.97      | 0.15    | ppb   |
| Yttrium    | 89-1  |          |          |         | 110        |         | %     |
| Yttrium    | 89-2  |          |          |         | 102        |         | %     |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-11DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS014-1218-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 16:05:09  | DataFile Name :   | 063SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 174.09  | 175.05  | 172.49  | 173.88     | 0.74    | ppb   |
| Zirconium | 90-1 | 6.41    | 6.48    | 6.37    | 6.42       | 0.82    | ppb   |
| Zirconium | 91-1 | 6.56    | 6.44    | 6.39    | 6.46       | 1.28    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-12DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS014-1824-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 16:08:45 DataFile Name : 064SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 27343.87 | 26864.12 | 27794.82 | 27334.27   | 1.70    | ppb   |
| Antimony   | 121-1 | 0.09     | 0.08     | 0.07     | 0.08       | 11.49   | ppb   |
| Arsenic    | 75-2  | 12.61    | 13.05    | 13.34    | 13.00      | 2.81    | ppb   |
| Barium     | 135-1 | 338.62   | 339.99   | 339.34   | 339.32     | 0.20    | ppb   |
| Barium     | 137-1 | 340.80   | 339.93   | 340.36   | 340.36     | 0.13    | ppb   |
| Beryllium  | 9-1   | 1.59     | 1.50     | 1.62     | 1.57       | 4.02    | ppb   |
| Bismuth    | 209-1 |          |          |          | 105        |         | %     |
| Bismuth    | 209-2 |          |          |          | 97         |         | %     |
| Boron      | 10-1  | 2.34     | 2.13     | 2.35     | 2.27       | 5.41    | ppb   |
| Boron      | 11-1  | 2.29     | 2.21     | 2.32     | 2.27       | 2.29    | ppb   |
| Cadmium    | 111-1 | 0.48     | 0.44     | 0.34     | 0.42       | 17.26   | ppb   |
| Cadmium    | 106-1 | 0.40     | 0.50     | -1.10    | -0.06      |         | ppb   |
| Cadmium    | 108-1 | 1.15     | 1.05     | 1.20     | 1.14       | 6.90    | ppb   |
| Calcium    | 43-1  | 1430.85  | 1429.24  | 1468.51  | 1442.87    | 1.54    | ppb   |
| Calcium    | 44-1  | 1475.37  | 1455.14  | 1469.55  | 1466.69    | 0.71    | ppb   |
| Chromium   | 52-2  | 30.71    | 29.39    | 30.57    | 30.22      | 2.41    | ppb   |
| Cobalt     | 59-2  | 22.17    | 22.39    | 23.10    | 22.56      | 2.15    | ppb   |
| Copper     | 63-2  | 51.64    | 51.47    | 53.36    | 52.16      | 2.00    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 108        |         | %     |
| Holmium    | 165-2 |          |          |          | 100        |         | %     |
| Indium     | 115-1 |          |          |          | 101        |         | %     |
| Indium     | 115-2 |          |          |          | 96         |         | %     |
| Iron       | 56-2  | 54126.47 | 53321.03 | 55331.47 | 54259.66   | 1.86    | ppb   |
| Iron       | 57-2  | 52453.20 | 51808.35 | 53758.08 | 52673.21   | 1.89    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 107.62   | 107.58   | 107.35   | 107.51     | 0.13    | ppb   |
| Lead       | 207-1 | 98.71    | 98.59    | 98.84    | 98.71      | 0.13    | ppb   |
| Lead       | 208-1 | 102.17   | 101.99   | 102.31   | 102.16     | 0.16    | ppb   |
| Lithium    | 6-1   |          |          |          | 96         |         | %     |
| Magnesium  | 24-2  | 8356.62  | 8272.90  | 8493.88  | 8374.47    | 1.33    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-12DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS014-1824-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 16:08:45  | DataFile Name :   | 064SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 3206.46 | 3150.01  | 3298.32  | 3218.26    | 2.33    | ppb   |
| Molybdenum | 94-1  | 9.44    | 9.45     | 9.36     | 9.42       | 0.53    | ppb   |
| Molybdenum | 95-1  | 1.11    | 1.01     | 0.94     | 1.02       | 8.45    | ppb   |
| Molybdenum | 96-1  | 2.46    | 2.57     | 2.43     | 2.49       | 2.92    | ppb   |
| Molybdenum | 97-1  | 0.96    | 0.86     | 0.96     | 0.93       | 6.02    | ppb   |
| Molybdenum | 98-1  | 0.92    | 0.91     | 0.91     | 0.92       | 0.47    | ppb   |
| Neodymium  | 150-1 |         |          |          |            |         | cps   |
| Neodymium  | 150-2 |         |          |          |            |         | cps   |
| Nickel     | 60-2  | 40.96   | 39.74    | 41.78    | 40.83      | 2.51    | ppb   |
| Phosphorus | 31-2  | 893.93  | 880.68   | 801.65   | 858.75     | 5.81    | ppb   |
| Potassium  | 39-2  | 796.53  | 798.90   | 822.64   | 806.02     | 1.79    | ppb   |
| Rhodium    | 103-1 |         |          |          | 99         |         | %     |
| Rhodium    | 103-2 |         |          |          | 92         |         | %     |
| Scandium   | 45-1  |         |          |          | 101        |         | %     |
| Scandium   | 45-2  |         |          |          | 95         |         | %     |
| Selenium   | 77-2  | 11.89   | 12.98    | 11.17    | 12.01      | 7.60    | ppb   |
| Selenium   | 78-2  | 2.69    | 3.79     | 3.90     | 3.46       | 19.30   | ppb   |
| Selenium   | 82-1  | 0.82    | 1.00     | 1.24     | 1.02       | 20.70   | ppb   |
| Silicon    | 28-1  | 2539.64 | 2546.58  | 2550.72  | 2545.65    | 0.22    | ppb   |
| Silver     | 109-1 | 0.09    | 0.09     | 0.09     | 0.09       | 0.64    | ppb   |
| Silver     | 107-1 | 0.10    | 0.11     | 0.09     | 0.10       | 11.59   | ppb   |
| Sodium     | 23-2  | 159.83  | 162.33   | 167.54   | 163.24     | 2.41    | ppb   |
| Strontium  | 86-1  | 11.65   | 11.51    | 11.37    | 11.51      | 1.22    | ppb   |
| Strontium  | 88-1  | 11.51   | 11.69    | 11.50    | 11.57      | 0.92    | ppb   |
| Sulfur     | 34-1  | -978.79 | -1044.81 | -1084.93 | -1036.17   |         | ppb   |
| Terbium    | 159-1 |         |          |          | 106        |         | %     |
| Terbium    | 159-2 |         |          |          | 99         |         | %     |
| Thallium   | 203-1 | 0.22    | 0.22     | 0.21     | 0.22       | 1.91    | ppb   |
| Thallium   | 205-1 | 0.22    | 0.20     | 0.21     | 0.21       | 2.81    | ppb   |
| Thorium    | 232-1 | 4.56    | 4.58     | 4.60     | 4.58       | 0.46    | ppb   |
| Tin        | 118-1 | 0.33    | 0.35     | 0.34     | 0.34       | 3.16    | ppb   |
| Titanium   | 47-1  | 44.21   | 44.80    | 44.66    | 44.56      | 0.69    | ppb   |
| Uranium    | 238-1 | 0.64    | 0.62     | 0.61     | 0.63       | 2.61    | ppb   |
| Vanadium   | 51-2  | 38.73   | 37.90    | 38.76    | 38.46      | 1.27    | ppb   |
| Yttrium    | 89-1  |         |          |          | 108        |         | %     |
| Yttrium    | 89-2  |         |          |          | 101        |         | %     |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-12DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS014-1824-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 16:08:45  | DataFile Name :   | 064SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 155.05  | 154.16  | 161.39  | 156.87     | 2.51    | ppb   |
| Zirconium | 90-1 | 5.72    | 5.68    | 5.58    | 5.66       | 1.28    | ppb   |
| Zirconium | 91-1 | 5.73    | 5.96    | 5.84    | 5.84       | 1.93    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-13DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS015-0006-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 16:12:20 DataFile Name : 065SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 15814.26 | 18202.29 | 16748.06 | 16921.54   | 7.11    | ppb   |
| Antimony   | 121-1 | 0.61     | 0.59     | 0.69     | 0.63       | 8.31    | ppb   |
| Arsenic    | 75-2  | 4.85     | 5.84     | 5.22     | 5.30       | 9.41    | ppb   |
| Barium     | 135-1 | 301.77   | 300.96   | 344.49   | 315.74     | 7.89    | ppb   |
| Barium     | 137-1 | 301.82   | 298.38   | 349.79   | 316.66     | 9.08    | ppb   |
| Beryllium  | 9-1   | 0.96     | 1.06     | 1.11     | 1.04       | 7.66    | ppb   |
| Bismuth    | 209-1 |          |          |          | 103        |         | %     |
| Bismuth    | 209-2 |          |          |          | 97         |         | %     |
| Boron      | 10-1  | 2.63     | 2.66     | 3.18     | 2.83       | 11.01   | ppb   |
| Boron      | 11-1  | 2.39     | 2.33     | 2.85     | 2.52       | 11.14   | ppb   |
| Cadmium    | 111-1 | 0.47     | 0.38     | 0.56     | 0.47       | 19.42   | ppb   |
| Cadmium    | 106-1 | -0.33    | -1.61    | -1.20    | -1.05      |         | ppb   |
| Cadmium    | 108-1 | 0.83     | 0.92     | 0.84     | 0.86       | 5.88    | ppb   |
| Calcium    | 43-1  | 2071.84  | 2055.10  | 2398.39  | 2175.11    | 8.90    | ppb   |
| Calcium    | 44-1  | 2110.19  | 2075.61  | 2422.51  | 2202.77    | 8.67    | ppb   |
| Chromium   | 52-2  | 18.72    | 21.40    | 20.05    | 20.06      | 6.70    | ppb   |
| Cobalt     | 59-2  | 7.71     | 8.82     | 8.16     | 8.23       | 6.80    | ppb   |
| Copper     | 63-2  | 40.95    | 47.69    | 43.41    | 44.02      | 7.75    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 105        |         | %     |
| Holmium    | 165-2 |          |          |          | 100        |         | %     |
| Indium     | 115-1 |          |          |          | 98         |         | %     |
| Indium     | 115-2 |          |          |          | 95         |         | %     |
| Iron       | 56-2  | 21809.29 | 25039.36 | 22918.56 | 23255.74   | 7.06    | ppb   |
| Iron       | 57-2  | 20973.58 | 24344.89 | 22173.52 | 22497.33   | 7.60    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 143.25   | 141.89   | 164.52   | 149.89     | 8.47    | ppb   |
| Lead       | 207-1 | 133.67   | 133.28   | 153.32   | 140.09     | 8.18    | ppb   |
| Lead       | 208-1 | 136.83   | 136.68   | 157.88   | 143.80     | 8.48    | ppb   |
| Lithium    | 6-1   |          |          |          | 91         |         | %     |
| Magnesium  | 24-2  | 3163.73  | 3658.67  | 3334.00  | 3385.46    | 7.43    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-13DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS015-0006-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 16:12:20  | DataFile Name :   | 065SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 494.71  | 570.81  | 525.16  | 530.23     | 7.22    | ppb   |
| Molybdenum | 94-1  | 4.65    | 4.71    | 5.57    | 4.98       | 10.38   | ppb   |
| Molybdenum | 95-1  | 1.04    | 0.97    | 1.20    | 1.07       | 11.34   | ppb   |
| Molybdenum | 96-1  | 1.67    | 1.67    | 1.84    | 1.73       | 5.99    | ppb   |
| Molybdenum | 97-1  | 1.09    | 1.03    | 1.12    | 1.08       | 4.18    | ppb   |
| Molybdenum | 98-1  | 1.08    | 1.02    | 1.08    | 1.06       | 3.05    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 21.32   | 24.04   | 22.82   | 22.73      | 5.99    | ppb   |
| Phosphorus | 31-2  | 1361.72 | 1601.55 | 1542.90 | 1502.06    | 8.32    | ppb   |
| Potassium  | 39-2  | 642.11  | 743.51  | 682.74  | 689.46     | 7.40    | ppb   |
| Rhodium    | 103-1 |         |         |         | 96         |         | %     |
| Rhodium    | 103-2 |         |         |         | 93         |         | %     |
| Scandium   | 45-1  |         |         |         | 96         |         | %     |
| Scandium   | 45-2  |         |         |         | 93         |         | %     |
| Selenium   | 77-2  | 8.67    | 16.44   | 14.98   | 13.36      | 30.88   | ppb   |
| Selenium   | 78-2  | 3.31    | 3.57    | 4.27    | 3.72       | 13.42   | ppb   |
| Selenium   | 82-1  | 1.79    | 1.87    | 1.89    | 1.85       | 2.93    | ppb   |
| Silicon    | 28-1  | 2675.87 | 2663.77 | 3088.75 | 2809.46    | 8.61    | ppb   |
| Silver     | 109-1 | 0.10    | 0.10    | 0.12    | 0.10       | 11.78   | ppb   |
| Silver     | 107-1 | 0.09    | 0.11    | 0.15    | 0.12       | 26.77   | ppb   |
| Sodium     | 23-2  | 159.03  | 188.75  | 167.11  | 171.63     | 8.95    | ppb   |
| Strontium  | 86-1  | 16.28   | 16.34   | 18.19   | 16.94      | 6.41    | ppb   |
| Strontium  | 88-1  | 16.47   | 16.29   | 18.66   | 17.14      | 7.69    | ppb   |
| Sulfur     | 34-1  | 723.96  | 570.13  | 1499.88 | 931.33     | 53.51   | ppb   |
| Terbium    | 159-1 |         |         |         | 103        |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 0.17    | 0.16    | 0.18    | 0.17       | 6.62    | ppb   |
| Thallium   | 205-1 | 0.14    | 0.16    | 0.18    | 0.16       | 11.97   | ppb   |
| Thorium    | 232-1 | 0.94    | 0.93    | 1.06    | 0.97       | 7.25    | ppb   |
| Tin        | 118-1 | 0.57    | 0.53    | 0.63    | 0.57       | 8.42    | ppb   |
| Titanium   | 47-1  | 61.16   | 61.02   | 70.02   | 64.06      | 8.05    | ppb   |
| Uranium    | 238-1 | 0.91    | 0.89    | 1.05    | 0.95       | 9.21    | ppb   |
| Vanadium   | 51-2  | 21.69   | 24.70   | 22.79   | 23.06      | 6.62    | ppb   |
| Yttrium    | 89-1  |         |         |         | 104        |         | %     |
| Yttrium    | 89-2  |         |         |         | 99         |         | %     |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-13DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS015-0006-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 16:12:20  | DataFile Name :   | 065SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 82.17   | 93.66   | 87.07   | 87.64      | 6.58    | ppb   |
| Zirconium | 90-1 | 2.63    | 2.64    | 3.07    | 2.78       | 9.07    | ppb   |
| Zirconium | 91-1 | 2.75    | 2.55    | 3.06    | 2.79       | 9.15    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : PB115775BL Instrumnet Name : P7  
 Client Sample ID : PB115775BL Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 16:15:55 DataFile Name : 066CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.47    | 0.66    | 0.46    | 0.53       | 21.41   | ppb   |
| Antimony   | 121-1 | 0.00    | 0.01    | 0.00    | 0.00       | 221.98  | ppb   |
| Arsenic    | 75-2  | 0.00    | 0.03    | 0.01    | 0.01       | 111.81  | ppb   |
| Barium     | 135-1 | 0.02    | 0.02    | 0.01    | 0.01       | 48.55   | ppb   |
| Barium     | 137-1 | 0.02    | 0.02    | 0.02    | 0.02       | 13.14   | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.02    | 0.02    | 0.02       | 46.55   | ppb   |
| Bismuth    | 209-1 |         |         |         | 105        |         | %     |
| Bismuth    | 209-2 |         |         |         | 95         |         | %     |
| Boron      | 10-1  | 0.43    | 0.10    | 0.32    | 0.28       | 59.73   | ppb   |
| Boron      | 11-1  | 0.29    | 0.18    | 0.33    | 0.27       | 29.99   | ppb   |
| Cadmium    | 111-1 | -0.30   | -0.21   | -0.21   | -0.24      |         | ppb   |
| Cadmium    | 106-1 | -3.90   | -2.75   | -2.80   | -3.15      |         | ppb   |
| Cadmium    | 108-1 | -0.06   | -0.08   | -0.06   | -0.07      |         | ppb   |
| Calcium    | 43-1  | -0.06   | 0.28    | 0.29    | 0.17       | 115.15  | ppb   |
| Calcium    | 44-1  | -0.77   | -0.33   | -0.39   | -0.50      |         | ppb   |
| Chromium   | 52-2  | -0.02   | 0.00    | 0.03    | 0.00       | 3253.74 | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Copper     | 63-2  | 0.00    | -0.01   | 0.01    | 0.00       | 440.81  | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 104        |         | %     |
| Holmium    | 165-2 |         |         |         | 95         |         | %     |
| Indium     | 115-1 |         |         |         | 99         |         | %     |
| Indium     | 115-2 |         |         |         | 92         |         | %     |
| Iron       | 56-2  | 0.92    | 0.92    | 0.90    | 0.92       | 1.41    | ppb   |
| Iron       | 57-2  | 1.89    | 1.19    | 0.88    | 1.32       | 38.93   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.03    | 0.02    | 0.03    | 0.02       | 27.87   | ppb   |
| Lead       | 207-1 | 0.04    | 0.01    | 0.02    | 0.02       | 46.06   | ppb   |
| Lead       | 208-1 | 0.03    | 0.02    | 0.03    | 0.03       | 29.29   | ppb   |
| Lithium    | 6-1   |         |         |         | 91         |         | %     |
| Magnesium  | 24-2  | -0.01   | -0.13   | 0.10    | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB115775BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB115775BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 16:15:55 | DataFile Name :   | 066CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 0.07     | 0.05     | 0.03     | 0.05       | 37.28   | ppb   |
| Molybdenum | 94-1  | -0.01    | 0.00     | -0.02    | -0.01      |         | ppb   |
| Molybdenum | 95-1  | 0.00     | 0.00     | 0.00     | 0.00       | 1.36    | ppb   |
| Molybdenum | 96-1  | 0.00     | 0.00     | -0.01    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | 0.00     | -0.01    | -0.01    | -0.01      |         | ppb   |
| Molybdenum | 98-1  | 0.00     | 0.00     | 0.01     | 0.00       | 163.07  | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | -0.01    | -0.01    | 0.01     | 0.00       |         | ppb   |
| Phosphorus | 31-2  | -50.76   | -54.33   | -47.82   | -50.97     |         | ppb   |
| Potassium  | 39-2  | -3.28    | -1.81    | -6.01    | -3.70      |         | ppb   |
| Rhodium    | 103-1 |          |          |          | 98         |         | %     |
| Rhodium    | 103-2 |          |          |          | 91         |         | %     |
| Scandium   | 45-1  |          |          |          | 96         |         | %     |
| Scandium   | 45-2  |          |          |          | 88         |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.16    | -0.46    | 0.65     | 0.01       | 7380.28 | ppb   |
| Selenium   | 82-1  | -0.05    | 0.01     | -0.05    | -0.03      |         | ppb   |
| Silicon    | 28-1  | -0.90    | -0.61    | -0.86    | -0.79      |         | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Sodium     | 23-2  | -9.14    | -8.28    | -8.36    | -8.59      |         | ppb   |
| Strontium  | 86-1  | -0.01    | -0.03    | -0.04    | -0.03      |         | ppb   |
| Strontium  | 88-1  | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -1574.18 | -1475.78 | -1458.90 | -1502.95   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 103        |         | %     |
| Terbium    | 159-2 |          |          |          | 95         |         | %     |
| Thallium   | 203-1 | 0.01     | 0.01     | 0.01     | 0.01       | 6.30    | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.01     | 0.01       | 26.33   | ppb   |
| Thorium    | 232-1 | 0.00     | 0.00     | 0.00     | 0.00       | 16.77   | ppb   |
| Tin        | 118-1 | 0.01     | 0.00     | 0.01     | 0.01       | 117.77  | ppb   |
| Titanium   | 47-1  | -0.03    | 0.01     | 0.02     | 0.00       | 9786.69 | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Yttrium    | 89-1  |          |          |          | 98         |         | %     |
| Yttrium    | 89-2  |          |          |          | 91         |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB115775BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB115775BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 16:15:55 | DataFile Name :   | 066CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | -0.05   | 0.07    | 0.00    | 0.01       | 791.30  | ppb   |
| Zirconium | 90-1 | -0.01   | -0.01   | 0.00    | 0.00       |         | ppb   |
| Zirconium | 91-1 | -0.01   | -0.01   | 0.00    | -0.01      |         | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100071            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV28               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV28               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-12-27 16:24:46 | DataFile Name :   | 068CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 53745.62  | 53227.74  | 52676.19  | 53216.52   | 1.00    | ppb   |
| Antimony   | 121-1 | 494.17    | 495.92    | 487.39    | 492.49     | 0.91    | ppb   |
| Arsenic    | 75-2  | 491.78    | 488.51    | 488.64    | 489.64     | 0.38    | ppb   |
| Barium     | 135-1 | 2489.75   | 2479.85   | 2442.25   | 2470.62    | 1.01    | ppb   |
| Barium     | 137-1 | 2520.66   | 2527.61   | 2483.22   | 2510.50    | 0.95    | ppb   |
| Beryllium  | 9-1   | 508.73    | 509.01    | 504.51    | 507.41     | 0.50    | ppb   |
| Bismuth    | 209-1 |           |           |           | 96         |         | %     |
| Bismuth    | 209-2 |           |           |           | 85         |         | %     |
| Boron      | 10-1  | 484.43    | 499.35    | 506.11    | 496.63     | 2.23    | ppb   |
| Boron      | 11-1  | 493.38    | 503.10    | 502.08    | 499.52     | 1.07    | ppb   |
| Cadmium    | 111-1 | 516.13    | 515.72    | 502.46    | 511.44     | 1.52    | ppb   |
| Cadmium    | 106-1 | 529.07    | 519.61    | 509.53    | 519.40     | 1.88    | ppb   |
| Cadmium    | 108-1 | 521.13    | 522.42    | 517.11    | 520.22     | 0.53    | ppb   |
| Calcium    | 43-1  | 244011.39 | 244693.90 | 244664.78 | 244456.69  | 0.16    | ppb   |
| Calcium    | 44-1  | 244204.89 | 244341.30 | 243530.39 | 244025.52  | 0.18    | ppb   |
| Chromium   | 52-2  | 508.36    | 504.18    | 498.26    | 503.60     | 1.01    | ppb   |
| Cobalt     | 59-2  | 494.40    | 495.07    | 490.94    | 493.47     | 0.45    | ppb   |
| Copper     | 63-2  | 1006.37   | 999.91    | 994.82    | 1000.37    | 0.58    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 108        |         | %     |
| Holmium    | 165-2 |           |           |           | 96         |         | %     |
| Indium     | 115-1 |           |           |           | 94         |         | %     |
| Indium     | 115-2 |           |           |           | 86         |         | %     |
| Iron       | 56-2  | 132245.27 | 130926.74 | 129836.94 | 131002.98  | 0.92    | ppb   |
| Iron       | 57-2  | 133116.30 | 131258.86 | 131077.88 | 131817.68  | 0.86    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 502.50    | 503.59    | 499.77    | 501.96     | 0.39    | ppb   |
| Lead       | 207-1 | 505.19    | 497.78    | 499.43    | 500.80     | 0.78    | ppb   |
| Lead       | 208-1 | 509.77    | 505.77    | 505.15    | 506.90     | 0.49    | ppb   |
| Lithium    | 6-1   |           |           |           | 92         |         | %     |
| Magnesium  | 24-2  | 254394.25 | 251909.70 | 249135.09 | 251813.01  | 1.04    | ppb   |



|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100071            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV28               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV28               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-12-27 16:24:46 | DataFile Name :   | 068CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 1000.14   | 989.86    | 983.26    | 991.09     | 0.86    | ppb   |
| Molybdenum | 94-1  | 2493.86   | 2506.86   | 2512.91   | 2504.54    | 0.39    | ppb   |
| Molybdenum | 95-1  | 2500.64   | 2494.22   | 2506.47   | 2500.44    | 0.25    | ppb   |
| Molybdenum | 96-1  | 2505.19   | 2484.22   | 2507.58   | 2499.00    | 0.51    | ppb   |
| Molybdenum | 97-1  | 2505.36   | 2486.76   | 2496.45   | 2496.19    | 0.37    | ppb   |
| Molybdenum | 98-1  | 2494.04   | 2501.46   | 2492.26   | 2495.92    | 0.20    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 493.67    | 489.78    | 483.37    | 488.94     | 1.06    | ppb   |
| Phosphorus | 31-2  | 10162.87  | 10180.61  | 10098.31  | 10147.26   | 0.43    | ppb   |
| Potassium  | 39-2  | 130177.03 | 128772.29 | 127834.25 | 128927.86  | 0.91    | ppb   |
| Rhodium    | 103-1 |           |           |           | 88         |         | %     |
| Rhodium    | 103-2 |           |           |           | 81         |         | %     |
| Scandium   | 45-1  |           |           |           | 96         |         | %     |
| Scandium   | 45-2  |           |           |           | 91         |         | %     |
| Selenium   | 77-2  | 519.93    | 495.75    | 509.35    | 508.34     | 2.38    | ppb   |
| Selenium   | 78-2  | 509.39    | 514.00    | 513.70    | 512.36     | 0.50    | ppb   |
| Selenium   | 82-1  | 476.97    | 483.46    | 482.50    | 480.98     | 0.73    | ppb   |
| Silicon    | 28-1  | 531.91    | 541.16    | 544.95    | 539.34     | 1.24    | ppb   |
| Silver     | 109-1 | 485.06    | 485.86    | 477.24    | 482.72     | 0.99    | ppb   |
| Silver     | 107-1 | 489.91    | 491.68    | 479.13    | 486.91     | 1.40    | ppb   |
| Sodium     | 23-2  | 253507.93 | 249708.98 | 248690.66 | 250635.86  | 1.01    | ppb   |
| Strontium  | 86-1  | 491.22    | 492.70    | 492.66    | 492.19     | 0.17    | ppb   |
| Strontium  | 88-1  | 500.46    | 500.44    | 498.23    | 499.71     | 0.26    | ppb   |
| Sulfur     | 34-1  | 10486.80  | 10501.11  | 10390.78  | 10459.56   | 0.57    | ppb   |
| Terbium    | 159-1 |           |           |           | 106        |         | %     |
| Terbium    | 159-2 |           |           |           | 95         |         | %     |
| Thallium   | 203-1 | 505.27    | 505.25    | 500.96    | 503.83     | 0.49    | ppb   |
| Thallium   | 205-1 | 527.42    | 526.82    | 522.07    | 525.43     | 0.56    | ppb   |
| Thorium    | 232-1 | 517.58    | 513.67    | 513.48    | 514.91     | 0.45    | ppb   |
| Tin        | 118-1 | 479.22    | 477.94    | 471.98    | 476.38     | 0.81    | ppb   |
| Titanium   | 47-1  | 2499.59   | 2487.33   | 2471.06   | 2485.99    | 0.58    | ppb   |
| Uranium    | 238-1 | 508.64    | 505.17    | 500.73    | 504.85     | 0.79    | ppb   |
| Vanadium   | 51-2  | 514.47    | 507.44    | 502.10    | 508.00     | 1.22    | ppb   |
| Yttrium    | 89-1  |           |           |           | 98         |         | %     |
| Yttrium    | 89-2  |           |           |           | 90         |         | %     |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100071            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV28               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV28               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-12-27 16:24:46 | DataFile Name :   | 068CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 1040.79 | 1027.78 | 1024.19 | 1030.92    | 0.85    | ppb   |
| Zirconium | 90-1 | 505.89  | 500.31  | 500.54  | 502.25     | 0.63    | ppb   |
| Zirconium | 91-1 | 498.36  | 495.19  | 490.59  | 494.71     | 0.79    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : CCB28 Instrumnet Name : P7  
 Client Sample ID : CCB28 Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 16:29:49 DataFile Name : 069CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.39    | 1.30    | 0.39    | 0.69       | 75.59   | ppb   |
| Antimony   | 121-1 | 0.13    | 0.11    | 0.12    | 0.12       | 8.78    | ppb   |
| Arsenic    | 75-2  | 0.03    | 0.03    | 0.02    | 0.02       | 17.93   | ppb   |
| Barium     | 135-1 | 0.04    | 0.04    | 0.08    | 0.05       | 44.26   | ppb   |
| Barium     | 137-1 | 0.07    | 0.05    | 0.06    | 0.06       | 15.34   | ppb   |
| Beryllium  | 9-1   | 0.05    | 0.03    | 0.06    | 0.05       | 29.51   | ppb   |
| Bismuth    | 209-1 |         |         |         | 113        |         | %     |
| Bismuth    | 209-2 |         |         |         | 101        |         | %     |
| Boron      | 10-1  | 8.19    | 7.58    | 7.55    | 7.78       | 4.65    | ppb   |
| Boron      | 11-1  | 8.37    | 8.05    | 7.40    | 7.94       | 6.23    | ppb   |
| Cadmium    | 111-1 | -0.15   | -0.12   | -0.21   | -0.16      |         | ppb   |
| Cadmium    | 106-1 | -2.16   | -1.85   | -2.96   | -2.32      |         | ppb   |
| Cadmium    | 108-1 | 0.11    | -0.04   | -0.08   | 0.00       |         | ppb   |
| Calcium    | 43-1  | 4.46    | 4.43    | 2.77    | 3.89       | 24.91   | ppb   |
| Calcium    | 44-1  | 3.77    | 3.45    | 2.75    | 3.32       | 15.71   | ppb   |
| Chromium   | 52-2  | -0.03   | 0.01    | -0.02   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.01    | 0.01    | 0.01    | 0.01       | 16.02   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 113        |         | %     |
| Holmium    | 165-2 |         |         |         | 102        |         | %     |
| Indium     | 115-1 |         |         |         | 107        |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Iron       | 56-2  | 2.03    | 1.99    | 1.94    | 1.99       | 2.42    | ppb   |
| Iron       | 57-2  | 2.42    | 3.13    | 2.49    | 2.68       | 14.55   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.07    | 0.06    | 0.06    | 0.06       | 8.32    | ppb   |
| Lead       | 207-1 | 0.06    | 0.06    | 0.05    | 0.06       | 10.07   | ppb   |
| Lead       | 208-1 | 0.06    | 0.05    | 0.06    | 0.06       | 7.29    | ppb   |
| Lithium    | 6-1   |         |         |         | 104        |         | %     |
| Magnesium  | 24-2  | 4.55    | 3.70    | 3.61    | 3.95       | 13.08   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB28               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB28               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 16:29:49 | DataFile Name :   | 069CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Molybdenum | 94-1  | 0.21    | 0.20    | 0.17    | 0.19       | 9.52    | ppb   |
| Molybdenum | 95-1  | 0.29    | 0.24    | 0.20    | 0.24       | 17.56   | ppb   |
| Molybdenum | 96-1  | 0.22    | 0.23    | 0.18    | 0.21       | 12.09   | ppb   |
| Molybdenum | 97-1  | 0.25    | 0.23    | 0.16    | 0.22       | 23.02   | ppb   |
| Molybdenum | 98-1  | 0.28    | 0.23    | 0.23    | 0.25       | 13.28   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.02   | -0.01   | 0.00    | -0.01      |         | ppb   |
| Phosphorus | 31-2  | -55.65  | -42.83  | -44.53  | -47.67     |         | ppb   |
| Potassium  | 39-2  | 9.01    | 7.96    | 5.77    | 7.58       | 21.84   | ppb   |
| Rhodium    | 103-1 |         |         |         | 106        |         | %     |
| Rhodium    | 103-2 |         |         |         | 98         |         | %     |
| Scandium   | 45-1  |         |         |         | 105        |         | %     |
| Scandium   | 45-2  |         |         |         | 99         |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.15   | 0.07    | 0.26    | 0.06       | 325.71  | ppb   |
| Selenium   | 82-1  | 0.13    | 0.20    | 0.50    | 0.27       | 70.77   | ppb   |
| Silicon    | 28-1  | -1.61   | -1.42   | -1.27   | -1.43      |         | ppb   |
| Silver     | 109-1 | 0.02    | 0.02    | 0.02    | 0.02       | 13.35   | ppb   |
| Silver     | 107-1 | 0.02    | 0.03    | 0.02    | 0.02       | 31.00   | ppb   |
| Sodium     | 23-2  | 15.33   | 15.91   | 13.39   | 14.88      | 8.86    | ppb   |
| Strontium  | 86-1  | 0.00    | -0.02   | -0.02   | -0.01      |         | ppb   |
| Strontium  | 88-1  | 0.01    | 0.01    | 0.01    | 0.01       | 36.26   | ppb   |
| Sulfur     | 34-1  | 183.15  | 136.56  | 216.12  | 178.61     | 22.38   | ppb   |
| Terbium    | 159-1 |         |         |         | 111        |         | %     |
| Terbium    | 159-2 |         |         |         | 102        |         | %     |
| Thallium   | 203-1 | 0.09    | 0.06    | 0.08    | 0.07       | 21.94   | ppb   |
| Thallium   | 205-1 | 0.08    | 0.08    | 0.08    | 0.08       | 1.40    | ppb   |
| Thorium    | 232-1 | 0.06    | 0.05    | 0.05    | 0.05       | 6.89    | ppb   |
| Tin        | 118-1 | 0.07    | 0.07    | 0.07    | 0.07       | 2.18    | ppb   |
| Titanium   | 47-1  | 0.07    | 0.05    | 0.02    | 0.04       | 51.99   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 17.26   | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.01    | 0.00    | 0.01       | 61.36   | ppb   |
| Yttrium    | 89-1  |         |         |         | 107        |         | %     |
| Yttrium    | 89-2  |         |         |         | 99         |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB28               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB28               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 16:29:49 | DataFile Name :   | 069CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 0.05    | -0.05   | 0.12    | 0.04       | 198.54  | ppb   |
| Zirconium | 90-1 | 0.01    | 0.03    | 0.02    | 0.02       | 33.78   | ppb   |
| Zirconium | 91-1 | 0.00    | 0.02    | 0.03    | 0.02       | 75.02   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB115775BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB115775BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 16:34:41 | DataFile Name :   | 070LCS6.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9717.50  | 9850.14  | 9771.67  | 9779.77    | 0.68    | ppb   |
| Antimony   | 121-1 | 488.49   | 488.59   | 483.27   | 486.78     | 0.63    | ppb   |
| Arsenic    | 75-2  | 513.76   | 511.43   | 510.46   | 511.88     | 0.33    | ppb   |
| Barium     | 135-1 | 2459.98  | 2488.73  | 2456.27  | 2468.33    | 0.72    | ppb   |
| Barium     | 137-1 | 2518.08  | 2519.75  | 2503.89  | 2513.90    | 0.35    | ppb   |
| Beryllium  | 9-1   | 509.74   | 506.63   | 513.93   | 510.10     | 0.72    | ppb   |
| Bismuth    | 209-1 |          |          |          | 106        |         | %     |
| Bismuth    | 209-2 |          |          |          | 94         |         | %     |
| Boron      | 10-1  | 480.00   | 488.49   | 505.61   | 491.37     | 2.65    | ppb   |
| Boron      | 11-1  | 482.14   | 496.68   | 505.49   | 494.77     | 2.38    | ppb   |
| Cadmium    | 111-1 | 503.64   | 503.02   | 497.90   | 501.52     | 0.63    | ppb   |
| Cadmium    | 106-1 | 502.53   | 501.52   | 508.23   | 504.09     | 0.72    | ppb   |
| Cadmium    | 108-1 | 506.76   | 505.36   | 497.16   | 503.09     | 1.03    | ppb   |
| Calcium    | 43-1  | 49432.67 | 49210.75 | 49099.92 | 49247.78   | 0.34    | ppb   |
| Calcium    | 44-1  | 49511.91 | 49466.98 | 49437.12 | 49472.00   | 0.08    | ppb   |
| Chromium   | 52-2  | 506.05   | 504.06   | 505.97   | 505.36     | 0.22    | ppb   |
| Cobalt     | 59-2  | 507.93   | 507.34   | 506.06   | 507.11     | 0.19    | ppb   |
| Copper     | 63-2  | 1020.01  | 1025.65  | 1018.70  | 1021.45    | 0.36    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 110        |         | %     |
| Holmium    | 165-2 |          |          |          | 99         |         | %     |
| Indium     | 115-1 |          |          |          | 100        |         | %     |
| Indium     | 115-2 |          |          |          | 91         |         | %     |
| Iron       | 56-2  | 27110.89 | 27057.09 | 26844.04 | 27004.01   | 0.52    | ppb   |
| Iron       | 57-2  | 26381.00 | 26542.08 | 26421.87 | 26448.32   | 0.32    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 479.48   | 479.12   | 473.92   | 477.51     | 0.65    | ppb   |
| Lead       | 207-1 | 474.79   | 474.20   | 473.20   | 474.06     | 0.17    | ppb   |
| Lead       | 208-1 | 483.34   | 481.97   | 479.90   | 481.74     | 0.36    | ppb   |
| Lithium    | 6-1   |          |          |          | 97         |         | %     |
| Magnesium  | 24-2  | 54184.98 | 54116.39 | 53861.00 | 54054.12   | 0.32    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB115775BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB115775BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 16:34:41 | DataFile Name :   | 070LCS6.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 1000.95  | 1013.76  | 1009.15  | 1007.95    | 0.64    | ppb   |
| Molybdenum | 94-1  | 2422.67  | 2475.24  | 2415.25  | 2437.72    | 1.34    | ppb   |
| Molybdenum | 95-1  | 2444.91  | 2476.06  | 2452.56  | 2457.84    | 0.66    | ppb   |
| Molybdenum | 96-1  | 2453.72  | 2474.26  | 2447.46  | 2458.48    | 0.57    | ppb   |
| Molybdenum | 97-1  | 2438.87  | 2439.51  | 2452.27  | 2443.55    | 0.31    | ppb   |
| Molybdenum | 98-1  | 2439.65  | 2458.80  | 2456.72  | 2451.72    | 0.43    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 514.48   | 512.90   | 508.27   | 511.89     | 0.63    | ppb   |
| Phosphorus | 31-2  | 10503.63 | 10549.76 | 10309.03 | 10454.14   | 1.22    | ppb   |
| Potassium  | 39-2  | 25121.34 | 25140.32 | 24887.68 | 25049.78   | 0.56    | ppb   |
| Rhodium    | 103-1 |          |          |          | 96         |         | %     |
| Rhodium    | 103-2 |          |          |          | 88         |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 91         |         | %     |
| Selenium   | 77-2  | 517.96   | 522.58   | 493.17   | 511.24     | 3.09    | ppb   |
| Selenium   | 78-2  | 512.47   | 514.41   | 525.04   | 517.31     | 1.31    | ppb   |
| Selenium   | 82-1  | 500.57   | 500.56   | 505.67   | 502.27     | 0.59    | ppb   |
| Silicon    | 28-1  | 520.98   | 530.37   | 528.97   | 526.77     | 0.96    | ppb   |
| Silver     | 109-1 | 499.27   | 499.13   | 495.77   | 498.06     | 0.40    | ppb   |
| Silver     | 107-1 | 495.48   | 503.22   | 494.51   | 497.74     | 0.96    | ppb   |
| Sodium     | 23-2  | 50682.83 | 50325.49 | 50350.98 | 50453.10   | 0.40    | ppb   |
| Strontium  | 86-1  | 486.03   | 491.39   | 487.89   | 488.44     | 0.56    | ppb   |
| Strontium  | 88-1  | 494.28   | 496.61   | 491.24   | 494.04     | 0.54    | ppb   |
| Sulfur     | 34-1  | 10502.45 | 10395.13 | 10347.20 | 10414.92   | 0.76    | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 98         |         | %     |
| Thallium   | 203-1 | 478.09   | 474.60   | 471.38   | 474.69     | 0.71    | ppb   |
| Thallium   | 205-1 | 495.66   | 494.07   | 492.66   | 494.13     | 0.30    | ppb   |
| Thorium    | 232-1 | 466.53   | 469.74   | 468.08   | 468.12     | 0.34    | ppb   |
| Tin        | 118-1 | 484.48   | 485.48   | 482.00   | 483.99     | 0.37    | ppb   |
| Titanium   | 47-1  | 2469.72  | 2470.37  | 2444.05  | 2461.38    | 0.61    | ppb   |
| Uranium    | 238-1 | 456.01   | 457.94   | 458.17   | 457.37     | 0.26    | ppb   |
| Vanadium   | 51-2  | 505.58   | 502.52   | 502.69   | 503.60     | 0.34    | ppb   |
| Yttrium    | 89-1  |          |          |          | 102        |         | %     |
| Yttrium    | 89-2  |          |          |          | 92         |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB115775BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB115775BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 16:34:41 | DataFile Name :   | 070LCS6.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 1037.73 | 1038.43 | 1026.72 | 1034.29    | 0.64    | ppb   |
| Zirconium | 90-1 | 483.76  | 492.18  | 489.34  | 488.43     | 0.88    | ppb   |
| Zirconium | 91-1 | 478.72  | 487.05  | 479.69  | 481.82     | 0.95    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS008-1218-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 16:38:15 | DataFile Name :   | 071SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 141900.69 | 141154.07 | 141392.91 | 141482.56  | 0.27    | ppb   |
| Antimony   | 121-1 | 0.55      | 0.48      | 0.45      | 0.50       | 10.12   | ppb   |
| Arsenic    | 75-2  | 51.33     | 51.08     | 51.59     | 51.33      | 0.51    | ppb   |
| Barium     | 135-1 | 1806.69   | 1782.87   | 1781.77   | 1790.44    | 0.79    | ppb   |
| Barium     | 137-1 | 1864.97   | 1843.40   | 1836.62   | 1848.33    | 0.80    | ppb   |
| Beryllium  | 9-1   | 7.48      | 7.35      | 7.52      | 7.45       | 1.24    | ppb   |
| Bismuth    | 209-1 |           |           |           | 103        |         | %     |
| Bismuth    | 209-2 |           |           |           | 92         |         | %     |
| Boron      | 10-1  | 27.76     | 28.90     | 27.50     | 28.05      | 2.65    | ppb   |
| Boron      | 11-1  | 28.25     | 27.36     | 26.79     | 27.46      | 2.68    | ppb   |
| Cadmium    | 111-1 | 4.87      | 4.65      | 4.54      | 4.69       | 3.56    | ppb   |
| Cadmium    | 106-1 | 24.12     | 20.86     | 18.77     | 21.25      | 12.70   | ppb   |
| Cadmium    | 108-1 | 10.51     | 10.69     | 11.07     | 10.76      | 2.66    | ppb   |
| Calcium    | 43-1  | 14333.16  | 14097.40  | 14070.41  | 14166.99   | 1.02    | ppb   |
| Calcium    | 44-1  | 14431.10  | 14444.18  | 14397.25  | 14424.18   | 0.17    | ppb   |
| Chromium   | 52-2  | 208.41    | 208.84    | 209.47    | 208.91     | 0.26    | ppb   |
| Cobalt     | 59-2  | 115.34    | 115.62    | 116.87    | 115.94     | 0.70    | ppb   |
| Copper     | 63-2  | 361.65    | 357.31    | 362.46    | 360.48     | 0.77    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 113        |         | %     |
| Holmium    | 165-2 |           |           |           | 103        |         | %     |
| Indium     | 115-1 |           |           |           | 100        |         | %     |
| Indium     | 115-2 |           |           |           | 95         |         | %     |
| Iron       | 56-2  | 322067.71 | 321795.82 | 321484.88 | 321782.80  | 0.09    | ppb   |
| Iron       | 57-2  | 322152.78 | 320154.51 | 319141.12 | 320482.80  | 0.48    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 2821.54   | 2807.96   | 2820.39   | 2816.63    | 0.27    | ppb   |
| Lead       | 207-1 | 2562.07   | 2566.47   | 2567.52   | 2565.35    | 0.11    | ppb   |
| Lead       | 208-1 | 2648.37   | 2640.07   | 2660.85   | 2649.76    | 0.39    | ppb   |
| Lithium    | 6-1   |           |           |           | 108        |         | %     |
| Magnesium  | 24-2  | 53395.67  | 52895.67  | 53070.50  | 53120.61   | 0.48    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS008-1218-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 16:38:15 | DataFile Name :   | 071SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 10930.94 | 10836.93 | 10914.15 | 10894.01   | 0.46    | ppb   |
| Molybdenum | 94-1  | 65.48    | 64.11    | 64.96    | 64.85      | 1.07    | ppb   |
| Molybdenum | 95-1  | 11.04    | 10.85    | 10.77    | 10.88      | 1.29    | ppb   |
| Molybdenum | 96-1  | 19.95    | 19.92    | 19.27    | 19.71      | 1.95    | ppb   |
| Molybdenum | 97-1  | 11.06    | 10.63    | 10.46    | 10.72      | 2.89    | ppb   |
| Molybdenum | 98-1  | 10.78    | 10.58    | 10.56    | 10.64      | 1.13    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 256.38   | 253.55   | 255.72   | 255.22     | 0.58    | ppb   |
| Phosphorus | 31-2  | 5783.66  | 5680.36  | 5597.77  | 5687.26    | 1.64    | ppb   |
| Potassium  | 39-2  | 7505.30  | 7527.81  | 7500.67  | 7511.26    | 0.19    | ppb   |
| Rhodium    | 103-1 |          |          |          | 97         |         | %     |
| Rhodium    | 103-2 |          |          |          | 90         |         | %     |
| Scandium   | 45-1  |          |          |          | 116        |         | %     |
| Scandium   | 45-2  |          |          |          | 109        |         | %     |
| Selenium   | 77-2  | 68.46    | 78.06    | 74.29    | 73.60      | 6.57    | ppb   |
| Selenium   | 78-2  | 15.18    | 14.46    | 15.00    | 14.88      | 2.52    | ppb   |
| Selenium   | 82-1  | 3.26     | 2.70     | 3.34     | 3.10       | 11.21   | ppb   |
| Silicon    | 28-1  | 11183.70 | 11137.75 | 11068.66 | 11130.03   | 0.52    | ppb   |
| Silver     | 109-1 | 0.64     | 0.64     | 0.62     | 0.63       | 1.76    | ppb   |
| Silver     | 107-1 | 0.72     | 0.70     | 0.72     | 0.71       | 1.48    | ppb   |
| Sodium     | 23-2  | 804.91   | 793.50   | 798.97   | 799.13     | 0.71    | ppb   |
| Strontium  | 86-1  | 54.05    | 53.52    | 52.76    | 53.44      | 1.22    | ppb   |
| Strontium  | 88-1  | 53.94    | 53.73    | 53.24    | 53.64      | 0.67    | ppb   |
| Sulfur     | 34-1  | 741.67   | 574.24   | 489.02   | 601.65     | 21.36   | ppb   |
| Terbium    | 159-1 |          |          |          | 111        |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 0.85     | 0.86     | 0.84     | 0.85       | 1.54    | ppb   |
| Thallium   | 205-1 | 0.91     | 0.87     | 0.91     | 0.90       | 2.21    | ppb   |
| Thorium    | 232-1 | 33.38    | 33.38    | 33.16    | 33.31      | 0.39    | ppb   |
| Tin        | 118-1 | 3.34     | 3.28     | 3.24     | 3.28       | 1.49    | ppb   |
| Titanium   | 47-1  | 191.46   | 190.86   | 193.96   | 192.10     | 0.86    | ppb   |
| Uranium    | 238-1 | 4.16     | 4.26     | 4.17     | 4.20       | 1.27    | ppb   |
| Vanadium   | 51-2  | 181.03   | 182.94   | 183.48   | 182.48     | 0.71    | ppb   |
| Yttrium    | 89-1  |          |          |          | 158        |         | %     |
| Yttrium    | 89-2  |          |          |          | 147        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS008-1218-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 16:38:15 | DataFile Name :   | 071SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 1621.81 | 1612.55 | 1617.54 | 1617.30    | 0.29    | ppb   |
| Zirconium | 90-1 | 37.05   | 37.25   | 36.92   | 37.07      | 0.45    | ppb   |
| Zirconium | 91-1 | 37.73   | 37.72   | 37.25   | 37.57      | 0.74    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-04DUP          | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS008-1218-01DU | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 16:41:52  | DataFile Name :   | 072SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 143521.07 | 143099.16 | 142609.01 | 143076.41  | 0.32    | ppb   |
| Antimony   | 121-1 | 0.37      | 0.35      | 0.35      | 0.36       | 3.87    | ppb   |
| Arsenic    | 75-2  | 51.84     | 51.22     | 51.64     | 51.57      | 0.62    | ppb   |
| Barium     | 135-1 | 1800.11   | 1789.08   | 1781.82   | 1790.34    | 0.51    | ppb   |
| Barium     | 137-1 | 1860.20   | 1844.50   | 1857.57   | 1854.09    | 0.45    | ppb   |
| Beryllium  | 9-1   | 7.39      | 7.59      | 7.44      | 7.47       | 1.37    | ppb   |
| Bismuth    | 209-1 |           |           |           | 103        |         | %     |
| Bismuth    | 209-2 |           |           |           | 91         |         | %     |
| Boron      | 10-1  | 20.99     | 21.07     | 22.32     | 21.46      | 3.48    | ppb   |
| Boron      | 11-1  | 21.07     | 21.13     | 21.33     | 21.17      | 0.64    | ppb   |
| Cadmium    | 111-1 | 4.44      | 4.55      | 4.45      | 4.48       | 1.36    | ppb   |
| Cadmium    | 106-1 | 18.69     | 19.34     | 18.61     | 18.88      | 2.12    | ppb   |
| Cadmium    | 108-1 | 10.43     | 9.11      | 9.45      | 9.66       | 7.08    | ppb   |
| Calcium    | 43-1  | 13867.49  | 13846.50  | 13824.91  | 13846.30   | 0.15    | ppb   |
| Calcium    | 44-1  | 14139.08  | 14133.63  | 14153.08  | 14141.93   | 0.07    | ppb   |
| Chromium   | 52-2  | 207.54    | 206.94    | 208.67    | 207.72     | 0.42    | ppb   |
| Cobalt     | 59-2  | 116.71    | 116.64    | 116.43    | 116.59     | 0.12    | ppb   |
| Copper     | 63-2  | 361.12    | 360.55    | 360.18    | 360.62     | 0.13    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 112        |         | %     |
| Holmium    | 165-2 |           |           |           | 102        |         | %     |
| Indium     | 115-1 |           |           |           | 100        |         | %     |
| Indium     | 115-2 |           |           |           | 93         |         | %     |
| Iron       | 56-2  | 325467.87 | 320655.83 | 323764.43 | 323296.04  | 0.75    | ppb   |
| Iron       | 57-2  | 324483.12 | 321649.37 | 322467.11 | 322866.54  | 0.45    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 2816.66   | 2814.04   | 2812.69   | 2814.47    | 0.07    | ppb   |
| Lead       | 207-1 | 2563.51   | 2564.22   | 2559.63   | 2562.45    | 0.10    | ppb   |
| Lead       | 208-1 | 2652.61   | 2642.20   | 2653.74   | 2649.52    | 0.24    | ppb   |
| Lithium    | 6-1   |           |           |           | 106        |         | %     |
| Magnesium  | 24-2  | 53883.80  | 53237.25  | 53485.40  | 53535.48   | 0.61    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-04DUP Instrumnet Name : P7  
 Client Sample ID : P001-SS008-1218-01DU Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 16:41:52 DataFile Name : 072SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 11204.91 | 11096.42 | 11293.70 | 11198.34   | 0.88    | ppb   |
| Molybdenum | 94-1  | 65.67    | 64.68    | 65.49    | 65.28      | 0.81    | ppb   |
| Molybdenum | 95-1  | 10.69    | 10.67    | 10.45    | 10.61      | 1.25    | ppb   |
| Molybdenum | 96-1  | 19.18    | 19.46    | 19.14    | 19.26      | 0.90    | ppb   |
| Molybdenum | 97-1  | 10.33    | 10.19    | 10.45    | 10.32      | 1.28    | ppb   |
| Molybdenum | 98-1  | 10.56    | 10.36    | 10.39    | 10.44      | 1.00    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 254.51   | 254.11   | 257.08   | 255.23     | 0.63    | ppb   |
| Phosphorus | 31-2  | 5733.40  | 5821.35  | 5879.11  | 5811.28    | 1.26    | ppb   |
| Potassium  | 39-2  | 7458.21  | 7404.44  | 7483.00  | 7448.55    | 0.54    | ppb   |
| Rhodium    | 103-1 |          |          |          | 96         |         | %     |
| Rhodium    | 103-2 |          |          |          | 89         |         | %     |
| Scandium   | 45-1  |          |          |          | 115        |         | %     |
| Scandium   | 45-2  |          |          |          | 107        |         | %     |
| Selenium   | 77-2  | 67.30    | 61.63    | 68.72    | 65.88      | 5.69    | ppb   |
| Selenium   | 78-2  | 13.82    | 14.55    | 14.37    | 14.24      | 2.65    | ppb   |
| Selenium   | 82-1  | 2.95     | 3.26     | 3.22     | 3.15       | 5.39    | ppb   |
| Silicon    | 28-1  | 11692.56 | 11686.25 | 11547.80 | 11642.20   | 0.70    | ppb   |
| Silver     | 109-1 | 0.62     | 0.62     | 0.60     | 0.62       | 1.91    | ppb   |
| Silver     | 107-1 | 0.68     | 0.68     | 0.67     | 0.68       | 1.05    | ppb   |
| Sodium     | 23-2  | 303.39   | 300.03   | 299.66   | 301.03     | 0.68    | ppb   |
| Strontium  | 86-1  | 53.05    | 52.74    | 52.60    | 52.80      | 0.43    | ppb   |
| Strontium  | 88-1  | 52.64    | 52.39    | 52.53    | 52.52      | 0.24    | ppb   |
| Sulfur     | 34-1  | -116.52  | -147.99  | -141.02  | -135.18    |         | ppb   |
| Terbium    | 159-1 |          |          |          | 110        |         | %     |
| Terbium    | 159-2 |          |          |          | 101        |         | %     |
| Thallium   | 203-1 | 0.89     | 0.86     | 0.84     | 0.86       | 2.94    | ppb   |
| Thallium   | 205-1 | 0.85     | 0.83     | 0.84     | 0.84       | 1.31    | ppb   |
| Thorium    | 232-1 | 33.95    | 33.83    | 33.61    | 33.80      | 0.51    | ppb   |
| Tin        | 118-1 | 2.07     | 1.90     | 1.95     | 1.97       | 4.56    | ppb   |
| Titanium   | 47-1  | 201.38   | 200.76   | 199.19   | 200.44     | 0.56    | ppb   |
| Uranium    | 238-1 | 4.23     | 4.21     | 4.16     | 4.20       | 0.78    | ppb   |
| Vanadium   | 51-2  | 182.45   | 182.06   | 182.98   | 182.50     | 0.25    | ppb   |
| Yttrium    | 89-1  |          |          |          | 156        |         | %     |
| Yttrium    | 89-2  |          |          |          | 144        |         | %     |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-04DUP          | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS008-1218-01DU | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 16:41:52  | DataFile Name :   | 072SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 1588.98 | 1595.49 | 1587.02 | 1590.49    | 0.28    | ppb   |
| Zirconium | 90-1 | 37.20   | 36.97   | 37.21   | 37.13      | 0.36    | ppb   |
| Zirconium | 91-1 | 37.60   | 37.69   | 37.41   | 37.57      | 0.37    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-04LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS008-1218-01L | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 16:45:28 | DataFile Name :   | 073SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 30133.48 | 29769.69 | 29887.48 | 29930.22   | 0.62    | ppb   |
| Antimony   | 121-1 | 0.10     | 0.11     | 0.09     | 0.10       | 6.16    | ppb   |
| Arsenic    | 75-2  | 14.46    | 15.21    | 14.42    | 14.70      | 3.02    | ppb   |
| Barium     | 135-1 | 362.96   | 356.59   | 363.03   | 360.86     | 1.02    | ppb   |
| Barium     | 137-1 | 359.10   | 361.20   | 361.96   | 360.75     | 0.41    | ppb   |
| Beryllium  | 9-1   | 1.51     | 1.75     | 1.65     | 1.64       | 7.20    | ppb   |
| Bismuth    | 209-1 |          |          |          | 110        |         | %     |
| Bismuth    | 209-2 |          |          |          | 99         |         | %     |
| Boron      | 10-1  | 6.73     | 7.73     | 7.36     | 7.27       | 6.96    | ppb   |
| Boron      | 11-1  | 7.32     | 7.59     | 7.50     | 7.47       | 1.84    | ppb   |
| Cadmium    | 111-1 | 0.76     | 0.78     | 0.73     | 0.76       | 3.22    | ppb   |
| Cadmium    | 106-1 | 1.96     | 0.87     | 0.93     | 1.25       | 48.96   | ppb   |
| Cadmium    | 108-1 | 2.13     | 1.92     | 2.33     | 2.13       | 9.51    | ppb   |
| Calcium    | 43-1  | 3114.18  | 3120.77  | 3130.41  | 3121.79    | 0.26    | ppb   |
| Calcium    | 44-1  | 3137.88  | 3121.13  | 3104.55  | 3121.19    | 0.53    | ppb   |
| Chromium   | 52-2  | 45.79    | 45.26    | 45.52    | 45.52      | 0.58    | ppb   |
| Cobalt     | 59-2  | 25.95    | 25.41    | 25.78    | 25.71      | 1.07    | ppb   |
| Copper     | 63-2  | 82.55    | 82.29    | 82.02    | 82.29      | 0.33    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 113        |         | %     |
| Holmium    | 165-2 |          |          |          | 104        |         | %     |
| Indium     | 115-1 |          |          |          | 104        |         | %     |
| Indium     | 115-2 |          |          |          | 98         |         | %     |
| Iron       | 56-2  | 70901.12 | 69432.73 | 70239.23 | 70191.03   | 1.05    | ppb   |
| Iron       | 57-2  | 68747.36 | 68298.10 | 68463.02 | 68502.83   | 0.33    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 520.20   | 516.06   | 522.26   | 519.51     | 0.61    | ppb   |
| Lead       | 207-1 | 472.94   | 466.69   | 470.32   | 469.98     | 0.67    | ppb   |
| Lead       | 208-1 | 500.40   | 497.67   | 500.11   | 499.39     | 0.30    | ppb   |
| Lithium    | 6-1   |          |          |          | 101        |         | %     |
| Magnesium  | 24-2  | 11326.42 | 11213.21 | 11252.40 | 11264.01   | 0.51    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-04LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS008-1218-01L | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 16:45:28 | DataFile Name :   | 073SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 2334.91  | 2315.95  | 2339.32  | 2330.06    | 0.53    | ppb   |
| Molybdenum | 94-1  | 17.30    | 17.41    | 17.19    | 17.30      | 0.63    | ppb   |
| Molybdenum | 95-1  | 2.91     | 2.85     | 2.93     | 2.90       | 1.50    | ppb   |
| Molybdenum | 96-1  | 5.29     | 5.18     | 5.38     | 5.28       | 1.96    | ppb   |
| Molybdenum | 97-1  | 2.82     | 3.00     | 3.01     | 2.94       | 3.64    | ppb   |
| Molybdenum | 98-1  | 2.84     | 2.83     | 2.85     | 2.84       | 0.48    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 57.43    | 57.61    | 57.72    | 57.59      | 0.26    | ppb   |
| Phosphorus | 31-2  | 1305.54  | 1193.64  | 1274.84  | 1258.01    | 4.60    | ppb   |
| Potassium  | 39-2  | 1628.33  | 1613.50  | 1625.45  | 1622.43    | 0.48    | ppb   |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Rhodium    | 103-2 |          |          |          | 95         |         | %     |
| Scandium   | 45-1  |          |          |          | 105        |         | %     |
| Scandium   | 45-2  |          |          |          | 100        |         | %     |
| Selenium   | 77-2  | 21.17    | 19.35    | 13.39    | 17.97      | 22.63   | ppb   |
| Selenium   | 78-2  | 3.39     | 2.81     | 4.31     | 3.50       | 21.61   | ppb   |
| Selenium   | 82-1  | 0.77     | 0.97     | 1.00     | 0.91       | 13.48   | ppb   |
| Silicon    | 28-1  | 2433.67  | 2432.34  | 2415.83  | 2427.28    | 0.41    | ppb   |
| Silver     | 109-1 | 0.14     | 0.13     | 0.12     | 0.13       | 6.18    | ppb   |
| Silver     | 107-1 | 0.14     | 0.15     | 0.14     | 0.14       | 5.60    | ppb   |
| Sodium     | 23-2  | 166.05   | 170.73   | 166.57   | 167.79     | 1.53    | ppb   |
| Strontium  | 86-1  | 14.41    | 14.78    | 14.34    | 14.51      | 1.61    | ppb   |
| Strontium  | 88-1  | 14.80    | 14.80    | 14.77    | 14.79      | 0.12    | ppb   |
| Sulfur     | 34-1  | -1156.94 | -1154.53 | -1137.38 | -1149.61   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 111        |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 0.19     | 0.18     | 0.18     | 0.18       | 3.10    | ppb   |
| Thallium   | 205-1 | 0.21     | 0.18     | 0.20     | 0.19       | 7.55    | ppb   |
| Thorium    | 232-1 | 6.31     | 6.32     | 6.36     | 6.33       | 0.40    | ppb   |
| Tin        | 118-1 | 0.62     | 0.63     | 0.68     | 0.64       | 4.76    | ppb   |
| Titanium   | 47-1  | 42.36    | 42.39    | 42.37    | 42.37      | 0.04    | ppb   |
| Uranium    | 238-1 | 0.79     | 0.81     | 0.79     | 0.80       | 1.08    | ppb   |
| Vanadium   | 51-2  | 39.36    | 39.31    | 38.88    | 39.18      | 0.67    | ppb   |
| Yttrium    | 89-1  |          |          |          | 116        |         | %     |
| Yttrium    | 89-2  |          |          |          | 108        |         | %     |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-04LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS008-1218-01L | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 16:45:28 | DataFile Name :   | 073SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 391.77  | 386.32  | 387.19  | 388.42     | 0.75    | ppb   |
| Zirconium | 90-1 | 10.07   | 9.92    | 9.89    | 9.96       | 0.98    | ppb   |
| Zirconium | 91-1 | 10.31   | 9.91    | 10.23   | 10.15      | 2.06    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-04MS           | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS008-1218-01MS | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 16:49:05  | DataFile Name :   | 074SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 153494.92 | 153854.47 | 151967.05 | 153105.48  | 0.65    | ppb   |
| Antimony   | 121-1 | 118.45    | 117.60    | 116.33    | 117.46     | 0.91    | ppb   |
| Arsenic    | 75-2  | 338.88    | 342.43    | 341.08    | 340.80     | 0.53    | ppb   |
| Barium     | 135-1 | 4132.60   | 4108.85   | 4113.09   | 4118.18    | 0.31    | ppb   |
| Barium     | 137-1 | 4163.47   | 4118.71   | 4121.72   | 4134.63    | 0.61    | ppb   |
| Beryllium  | 9-1   | 441.83    | 444.43    | 443.55    | 443.27     | 0.30    | ppb   |
| Bismuth    | 209-1 |           |           |           | 98         |         | %     |
| Bismuth    | 209-2 |           |           |           | 87         |         | %     |
| Boron      | 10-1  | 394.70    | 401.65    | 405.66    | 400.67     | 1.38    | ppb   |
| Boron      | 11-1  | 399.55    | 403.15    | 405.10    | 402.60     | 0.70    | ppb   |
| Cadmium    | 111-1 | 438.63    | 434.58    | 434.54    | 435.92     | 0.54    | ppb   |
| Cadmium    | 106-1 | 450.48    | 451.39    | 438.76    | 446.88     | 1.58    | ppb   |
| Cadmium    | 108-1 | 451.34    | 434.60    | 438.08    | 441.34     | 2.00    | ppb   |
| Calcium    | 43-1  | 52513.46  | 52580.06  | 51869.38  | 52320.97   | 0.75    | ppb   |
| Calcium    | 44-1  | 52867.48  | 52873.63  | 52415.51  | 52718.87   | 0.50    | ppb   |
| Chromium   | 52-2  | 612.64    | 616.97    | 614.61    | 614.74     | 0.35    | ppb   |
| Cobalt     | 59-2  | 522.16    | 525.25    | 523.80    | 523.74     | 0.30    | ppb   |
| Copper     | 63-2  | 1122.24   | 1133.94   | 1129.33   | 1128.50    | 0.52    | 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 |           |           |           | 109        |         | %     |
| Holmium    | 165-2 |           |           |           | 98         |         | %     |
| Indium     | 115-1 |           |           |           | 95         |         | %     |
| Indium     | 115-2 |           |           |           | 88         |         | %     |
| Iron       | 56-2  | 351290.02 | 353796.08 | 350066.43 | 351717.51  | 0.54    | ppb   |
| Iron       | 57-2  | 352442.67 | 353743.34 | 351515.98 | 352567.33  | 0.32    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 3289.45   | 3262.61   | 3261.74   | 3271.27    | 0.48    | ppb   |
| Lead       | 207-1 | 3046.77   | 3006.97   | 2993.09   | 3015.61    | 0.92    | ppb   |
| Lead       | 208-1 | 3109.81   | 3088.90   | 3094.00   | 3097.57    | 0.35    | ppb   |
| Lithium    | 6-1   |           |           |           | 98         |         | %     |
| Magnesium  | 24-2  | 99918.95  | 100539.88 | 99239.67  | 99899.50   | 0.65    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-04MS Instrumnet Name : P7  
 Client Sample ID : P001-SS008-1218-01MS Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 16:49:05 DataFile Name : 074SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 12463.94 | 12526.56 | 12422.61 | 12471.03   | 0.42    | ppb   |
| Molybdenum | 94-1  | 1470.08  | 1479.68  | 1467.47  | 1472.41    | 0.44    | ppb   |
| Molybdenum | 95-1  | 1455.80  | 1450.00  | 1443.23  | 1449.68    | 0.43    | ppb   |
| Molybdenum | 96-1  | 1456.22  | 1446.89  | 1456.81  | 1453.31    | 0.38    | ppb   |
| Molybdenum | 97-1  | 1451.56  | 1417.75  | 1420.81  | 1430.04    | 1.31    | ppb   |
| Molybdenum | 98-1  | 1452.89  | 1453.33  | 1449.78  | 1452.00    | 0.13    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 656.13   | 661.42   | 656.91   | 658.15     | 0.43    | ppb   |
| Phosphorus | 31-2  | 5006.60  | 5239.63  | 5042.51  | 5096.24    | 2.46    | ppb   |
| Potassium  | 39-2  | 27237.47 | 27415.18 | 27254.65 | 27302.43   | 0.36    | ppb   |
| Rhodium    | 103-1 |          |          |          | 90         |         | %     |
| Rhodium    | 103-2 |          |          |          | 82         |         | %     |
| Scandium   | 45-1  |          |          |          | 109        |         | %     |
| Scandium   | 45-2  |          |          |          | 102        |         | %     |
| Selenium   | 77-2  | 367.23   | 339.58   | 339.13   | 348.65     | 4.62    | ppb   |
| Selenium   | 78-2  | 290.98   | 303.55   | 296.49   | 297.01     | 2.12    | ppb   |
| Selenium   | 82-1  | 275.77   | 273.74   | 273.40   | 274.30     | 0.47    | ppb   |
| Silicon    | 28-1  | 18612.91 | 18625.59 | 18455.84 | 18564.78   | 0.51    | ppb   |
| Silver     | 109-1 | 397.40   | 391.27   | 392.43   | 393.70     | 0.83    | ppb   |
| Silver     | 107-1 | 400.73   | 395.91   | 394.65   | 397.09     | 0.81    | ppb   |
| Sodium     | 23-2  | 39456.32 | 39784.56 | 39292.66 | 39511.18   | 0.63    | ppb   |
| Strontium  | 86-1  | 353.25   | 348.12   | 350.94   | 350.77     | 0.73    | ppb   |
| Strontium  | 88-1  | 362.47   | 359.46   | 362.12   | 361.35     | 0.46    | ppb   |
| Sulfur     | 34-1  | -116.59  | -71.98   | -111.58  | -100.05    |         | ppb   |
| Terbium    | 159-1 |          |          |          | 106        |         | %     |
| Terbium    | 159-2 |          |          |          | 98         |         | %     |
| Thallium   | 203-1 | 434.88   | 428.98   | 429.64   | 431.17     | 0.75    | ppb   |
| Thallium   | 205-1 | 453.50   | 450.65   | 450.89   | 451.68     | 0.35    | ppb   |
| Thorium    | 232-1 | 39.31    | 39.00    | 39.03    | 39.11      | 0.43    | ppb   |
| Tin        | 118-1 | 213.43   | 211.82   | 209.88   | 211.71     | 0.84    | ppb   |
| Titanium   | 47-1  | 1852.48  | 1863.49  | 1834.86  | 1850.28    | 0.78    | ppb   |
| Uranium    | 238-1 | 450.70   | 448.56   | 448.84   | 449.37     | 0.26    | ppb   |
| Vanadium   | 51-2  | 591.24   | 595.76   | 589.72   | 592.24     | 0.53    | ppb   |
| Yttrium    | 89-1  |          |          |          | 146        |         | %     |
| Yttrium    | 89-2  |          |          |          | 135        |         | %     |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-04MS           | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS008-1218-01MS | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 16:49:05  | DataFile Name :   | 074SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 2307.59 | 2352.45 | 2330.41 | 2330.15    | 0.96    | ppb   |
| Zirconium | 90-1 | 310.59  | 308.06  | 308.60  | 309.08     | 0.43    | ppb   |
| Zirconium | 91-1 | 305.87  | 303.61  | 304.28  | 304.59     | 0.38    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-04MSD Instrumnet Name : P7  
 Client Sample ID : P001-SS008-1218-01MS Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 16:52:44 DataFile Name : 075SMPL.d

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 152308.49 | 152189.74 | 152144.43 | 152214.22  | 0.06    | ppb   |
| Antimony   | 121-1 | 148.21    | 145.90    | 146.95    | 147.02     | 0.79    | ppb   |
| Arsenic    | 75-2  | 357.71    | 361.80    | 355.87    | 358.46     | 0.85    | ppb   |
| Barium     | 135-1 | 4147.50   | 4136.46   | 4143.88   | 4142.61    | 0.14    | ppb   |
| Barium     | 137-1 | 4169.69   | 4156.46   | 4176.20   | 4167.45    | 0.24    | ppb   |
| Beryllium  | 9-1   | 486.46    | 482.50    | 486.49    | 485.15     | 0.47    | ppb   |
| Bismuth    | 209-1 |           |           |           | 94         |         | %     |
| Bismuth    | 209-2 |           |           |           | 85         |         | %     |
| Boron      | 10-1  | 451.95    | 447.49    | 456.17    | 451.87     | 0.96    | ppb   |
| Boron      | 11-1  | 450.21    | 454.19    | 459.79    | 454.73     | 1.06    | ppb   |
| Cadmium    | 111-1 | 476.72    | 472.64    | 472.51    | 473.96     | 0.50    | ppb   |
| Cadmium    | 106-1 | 495.28    | 495.56    | 493.22    | 494.69     | 0.26    | ppb   |
| Cadmium    | 108-1 | 485.52    | 479.96    | 489.27    | 484.91     | 0.97    | ppb   |
| Calcium    | 43-1  | 56149.03  | 55529.48  | 55733.03  | 55803.85   | 0.57    | ppb   |
| Calcium    | 44-1  | 56881.76  | 56328.40  | 57017.25  | 56742.47   | 0.64    | ppb   |
| Chromium   | 52-2  | 672.83    | 674.04    | 670.81    | 672.56     | 0.24    | ppb   |
| Cobalt     | 59-2  | 563.00    | 563.32    | 565.59    | 563.97     | 0.25    | ppb   |
| Copper     | 63-2  | 1218.79   | 1226.04   | 1210.24   | 1218.35    | 0.65    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 106        |         | %     |
| Holmium    | 165-2 |           |           |           | 96         |         | %     |
| Indium     | 115-1 |           |           |           | 91         |         | %     |
| Indium     | 115-2 |           |           |           | 85         |         | %     |
| Iron       | 56-2  | 351882.70 | 351110.59 | 348227.29 | 350406.86  | 0.55    | ppb   |
| Iron       | 57-2  | 350629.55 | 350971.48 | 349233.75 | 350278.26  | 0.26    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 3304.98   | 3176.36   | 3131.82   | 3204.39    | 2.81    | ppb   |
| Lead       | 207-1 | 3045.08   | 2926.08   | 2895.27   | 2955.48    | 2.68    | ppb   |
| Lead       | 208-1 | 3135.96   | 3007.81   | 2975.05   | 3039.61    | 2.80    | ppb   |
| Lithium    | 6-1   |           |           |           | 95         |         | %     |
| Magnesium  | 24-2  | 103088.92 | 103585.16 | 103593.96 | 103422.68  | 0.28    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-04MSD Instrumnet Name : P7  
 Client Sample ID : P001-SS008-1218-01MS Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 16:52:44 DataFile Name : 075SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 10787.80 | 10723.32 | 10622.87 | 10711.33   | 0.78    | ppb   |
| Molybdenum | 94-1  | 1652.57  | 1632.57  | 1642.71  | 1642.61    | 0.61    | ppb   |
| Molybdenum | 95-1  | 1604.65  | 1582.06  | 1599.21  | 1595.31    | 0.74    | ppb   |
| Molybdenum | 96-1  | 1606.27  | 1597.48  | 1607.94  | 1603.90    | 0.35    | ppb   |
| Molybdenum | 97-1  | 1596.28  | 1597.29  | 1598.44  | 1597.33    | 0.07    | ppb   |
| Molybdenum | 98-1  | 1597.02  | 1595.52  | 1595.92  | 1596.16    | 0.05    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 702.05   | 704.78   | 700.78   | 702.54     | 0.29    | ppb   |
| Phosphorus | 31-2  | 5057.06  | 4894.27  | 4884.02  | 4945.12    | 1.96    | ppb   |
| Potassium  | 39-2  | 30488.77 | 30504.98 | 30264.82 | 30419.53   | 0.44    | ppb   |
| Rhodium    | 103-1 |          |          |          | 87         |         | %     |
| Rhodium    | 103-2 |          |          |          | 80         |         | %     |
| Scandium   | 45-1  |          |          |          | 105        |         | %     |
| Scandium   | 45-2  |          |          |          | 98         |         | %     |
| Selenium   | 77-2  | 365.25   | 367.29   | 369.59   | 367.38     | 0.59    | ppb   |
| Selenium   | 78-2  | 307.96   | 314.38   | 295.90   | 306.08     | 3.07    | ppb   |
| Selenium   | 82-1  | 290.01   | 288.02   | 286.44   | 288.16     | 0.62    | ppb   |
| Silicon    | 28-1  | 17798.34 | 17528.25 | 17827.61 | 17718.06   | 0.93    | ppb   |
| Silver     | 109-1 | 449.95   | 440.68   | 446.20   | 445.61     | 1.05    | ppb   |
| Silver     | 107-1 | 450.60   | 444.62   | 445.87   | 447.03     | 0.70    | ppb   |
| Sodium     | 23-2  | 44175.04 | 44447.11 | 44113.89 | 44245.35   | 0.40    | ppb   |
| Strontium  | 86-1  | 383.05   | 381.68   | 378.03   | 380.92     | 0.68    | ppb   |
| Strontium  | 88-1  | 392.42   | 391.80   | 390.70   | 391.64     | 0.22    | ppb   |
| Sulfur     | 34-1  | 75.74    | -17.56   | 31.59    | 29.92      | 155.98  | ppb   |
| Terbium    | 159-1 |          |          |          | 104        |         | %     |
| Terbium    | 159-2 |          |          |          | 96         |         | %     |
| Thallium   | 203-1 | 512.77   | 492.29   | 485.39   | 496.82     | 2.87    | ppb   |
| Thallium   | 205-1 | 537.16   | 512.31   | 508.84   | 519.43     | 2.97    | ppb   |
| Thorium    | 232-1 | 38.22    | 36.26    | 36.16    | 36.88      | 3.15    | ppb   |
| Tin        | 118-1 | 267.32   | 267.10   | 263.52   | 265.98     | 0.80    | ppb   |
| Titanium   | 47-1  | 2166.89  | 2139.44  | 2157.25  | 2154.53    | 0.65    | ppb   |
| Uranium    | 238-1 | 525.19   | 500.09   | 501.86   | 509.05     | 2.75    | ppb   |
| Vanadium   | 51-2  | 641.03   | 645.20   | 641.15   | 642.46     | 0.37    | ppb   |
| Yttrium    | 89-1  |          |          |          | 144        |         | %     |
| Yttrium    | 89-2  |          |          |          | 133        |         | %     |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-04MSD          | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS008-1218-01MS | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 16:52:44  | DataFile Name :   | 075SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 2320.15 | 2323.01 | 2302.61 | 2315.26    | 0.48    | ppb   |
| Zirconium | 90-1 | 352.82  | 351.97  | 351.80  | 352.19     | 0.15    | ppb   |
| Zirconium | 91-1 | 347.45  | 340.95  | 344.08  | 344.16     | 0.94    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-04A           | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS008-1218-01A | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 16:56:23 | DataFile Name :   | 076SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 150186.67 | 150865.59 | 152259.90 | 151104.05  | 0.70    | ppb   |
| Antimony   | 121-1 | 136.96    | 137.56    | 137.29    | 137.27     | 0.22    | ppb   |
| Arsenic    | 75-2  | 362.18    | 363.62    | 361.34    | 362.38     | 0.32    | ppb   |
| Barium     | 135-1 | 4149.60   | 4198.43   | 4209.39   | 4185.81    | 0.76    | ppb   |
| Barium     | 137-1 | 4198.46   | 4161.93   | 4214.73   | 4191.71    | 0.65    | ppb   |
| Beryllium  | 9-1   | 481.44    | 482.76    | 485.08    | 483.09     | 0.38    | ppb   |
| Bismuth    | 209-1 |           |           |           | 98         |         | %     |
| Bismuth    | 209-2 |           |           |           | 86         |         | %     |
| Boron      | 10-1  | 448.17    | 451.01    | 454.65    | 451.28     | 0.72    | ppb   |
| Boron      | 11-1  | 447.47    | 452.97    | 458.67    | 453.04     | 1.24    | ppb   |
| Cadmium    | 111-1 | 467.57    | 474.70    | 472.97    | 471.75     | 0.79    | ppb   |
| Cadmium    | 106-1 | 489.81    | 488.93    | 487.19    | 488.64     | 0.27    | ppb   |
| Cadmium    | 108-1 | 475.07    | 476.86    | 485.70    | 479.21     | 1.19    | ppb   |
| Calcium    | 43-1  | 54677.83  | 55345.30  | 55338.32  | 55120.48   | 0.70    | ppb   |
| Calcium    | 44-1  | 55612.08  | 56417.61  | 55878.65  | 55969.45   | 0.73    | ppb   |
| Chromium   | 52-2  | 651.20    | 657.11    | 661.05    | 656.45     | 0.75    | ppb   |
| Cobalt     | 59-2  | 551.04    | 558.60    | 562.49    | 557.37     | 1.04    | ppb   |
| Copper     | 63-2  | 1187.15   | 1191.99   | 1206.45   | 1195.19    | 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 |           |           |           | 109        |         | %     |
| Holmium    | 165-2 |           |           |           | 97         |         | %     |
| Indium     | 115-1 |           |           |           | 94         |         | %     |
| Indium     | 115-2 |           |           |           | 87         |         | %     |
| Iron       | 56-2  | 345990.29 | 347306.13 | 352508.90 | 348601.77  | 0.99    | ppb   |
| Iron       | 57-2  | 345724.50 | 346332.33 | 349496.94 | 347184.59  | 0.58    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 3203.95   | 3199.46   | 3189.33   | 3197.58    | 0.23    | ppb   |
| Lead       | 207-1 | 2933.11   | 2948.32   | 2942.83   | 2941.42    | 0.26    | ppb   |
| Lead       | 208-1 | 3010.03   | 3028.37   | 3027.87   | 3022.09    | 0.35    | ppb   |
| Lithium    | 6-1   |           |           |           | 96         |         | %     |
| Magnesium  | 24-2  | 102336.14 | 102702.62 | 104173.77 | 103070.84  | 0.94    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-04A           | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS008-1218-01A | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 16:56:23 | DataFile Name :   | 076SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 11346.02 | 11322.65 | 11484.57 | 11384.41   | 0.77    | ppb   |
| Molybdenum | 94-1  | 1623.96  | 1631.42  | 1641.74  | 1632.37    | 0.55    | ppb   |
| Molybdenum | 95-1  | 1592.67  | 1593.86  | 1606.69  | 1597.74    | 0.49    | ppb   |
| Molybdenum | 96-1  | 1601.03  | 1610.91  | 1606.05  | 1606.00    | 0.31    | ppb   |
| Molybdenum | 97-1  | 1593.75  | 1598.93  | 1605.69  | 1599.46    | 0.37    | ppb   |
| Molybdenum | 98-1  | 1599.25  | 1596.27  | 1597.28  | 1597.60    | 0.09    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 684.20   | 694.44   | 706.26   | 694.96     | 1.59    | ppb   |
| Phosphorus | 31-2  | 5078.09  | 5053.98  | 5000.42  | 5044.16    | 0.79    | ppb   |
| Potassium  | 39-2  | 29550.54 | 29697.45 | 29861.54 | 29703.18   | 0.52    | ppb   |
| Rhodium    | 103-1 |          |          |          | 88         |         | %     |
| Rhodium    | 103-2 |          |          |          | 81         |         | %     |
| Scandium   | 45-1  |          |          |          | 108        |         | %     |
| Scandium   | 45-2  |          |          |          | 100        |         | %     |
| Selenium   | 77-2  | 360.65   | 369.08   | 372.73   | 367.49     | 1.69    | ppb   |
| Selenium   | 78-2  | 309.99   | 319.75   | 320.09   | 316.61     | 1.81    | ppb   |
| Selenium   | 82-1  | 290.66   | 292.71   | 291.68   | 291.68     | 0.35    | ppb   |
| Silicon    | 28-1  | 17964.01 | 18177.68 | 18091.15 | 18077.61   | 0.59    | ppb   |
| Silver     | 109-1 | 434.03   | 437.09   | 438.87   | 436.66     | 0.56    | ppb   |
| Silver     | 107-1 | 440.11   | 437.76   | 439.76   | 439.21     | 0.29    | ppb   |
| Sodium     | 23-2  | 43465.24 | 43629.51 | 43797.97 | 43630.91   | 0.38    | ppb   |
| Strontium  | 86-1  | 381.32   | 381.89   | 381.51   | 381.57     | 0.08    | ppb   |
| Strontium  | 88-1  | 387.82   | 391.05   | 390.41   | 389.76     | 0.44    | ppb   |
| Sulfur     | 34-1  | -122.51  | -173.57  | -172.98  | -156.35    |         | ppb   |
| Terbium    | 159-1 |          |          |          | 106        |         | %     |
| Terbium    | 159-2 |          |          |          | 97         |         | %     |
| Thallium   | 203-1 | 476.46   | 480.72   | 479.65   | 478.95     | 0.46    | ppb   |
| Thallium   | 205-1 | 500.55   | 503.85   | 504.61   | 503.00     | 0.43    | ppb   |
| Thorium    | 232-1 | 37.07    | 37.17    | 37.19    | 37.14      | 0.17    | ppb   |
| Tin        | 118-1 | 245.80   | 245.34   | 249.13   | 246.76     | 0.84    | ppb   |
| Titanium   | 47-1  | 2036.93  | 2065.85  | 2048.27  | 2050.35    | 0.71    | ppb   |
| Uranium    | 238-1 | 493.10   | 497.83   | 497.77   | 496.23     | 0.55    | ppb   |
| Vanadium   | 51-2  | 624.32   | 632.11   | 633.87   | 630.10     | 0.81    | ppb   |
| Yttrium    | 89-1  |          |          |          | 145        |         | %     |
| Yttrium    | 89-2  |          |          |          | 133        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-04A           | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS008-1218-01A | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 16:56:23 | DataFile Name :   | 076SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 2295.80 | 2323.26 | 2334.07 | 2317.71    | 0.85    | ppb   |
| Zirconium | 90-1 | 344.45  | 345.14  | 344.96  | 344.85     | 0.10    | ppb   |
| Zirconium | 91-1 | 337.89  | 335.23  | 336.93  | 336.69     | 0.40    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-05            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS008-1824-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:00:02 | DataFile Name :   | 077SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 146381.62 | 146189.64 | 146402.96 | 146324.74  | 0.08    | ppb   |
| Antimony   | 121-1 | 0.30      | 0.28      | 0.28      | 0.29       | 3.27    | ppb   |
| Arsenic    | 75-2  | 51.99     | 52.73     | 52.91     | 52.55      | 0.93    | ppb   |
| Barium     | 135-1 | 1777.06   | 1792.24   | 1727.57   | 1765.62    | 1.92    | ppb   |
| Barium     | 137-1 | 1823.47   | 1841.33   | 1796.15   | 1820.32    | 1.25    | ppb   |
| Beryllium  | 9-1   | 7.58      | 7.79      | 7.27      | 7.55       | 3.47    | ppb   |
| Bismuth    | 209-1 |           |           |           | 96         |         | %     |
| Bismuth    | 209-2 |           |           |           | 88         |         | %     |
| Boron      | 10-1  | 33.48     | 32.14     | 31.61     | 32.41      | 2.98    | ppb   |
| Boron      | 11-1  | 32.84     | 31.68     | 31.45     | 31.99      | 2.33    | ppb   |
| Cadmium    | 111-1 | 4.43      | 4.68      | 4.79      | 4.64       | 4.01    | ppb   |
| Cadmium    | 106-1 | 19.76     | 21.64     | 22.19     | 21.19      | 6.01    | ppb   |
| Cadmium    | 108-1 | 10.49     | 10.93     | 10.62     | 10.68      | 2.10    | ppb   |
| Calcium    | 43-1  | 13787.88  | 13924.26  | 13829.54  | 13847.23   | 0.50    | ppb   |
| Calcium    | 44-1  | 14019.10  | 14149.58  | 14011.96  | 14060.21   | 0.55    | ppb   |
| Chromium   | 52-2  | 199.82    | 199.59    | 198.04    | 199.15     | 0.49    | ppb   |
| Cobalt     | 59-2  | 110.55    | 111.34    | 111.16    | 111.02     | 0.38    | ppb   |
| Copper     | 63-2  | 351.22    | 354.32    | 348.05    | 351.20     | 0.89    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 107        |         | %     |
| Holmium    | 165-2 |           |           |           | 98         |         | %     |
| Indium     | 115-1 |           |           |           | 94         |         | %     |
| Indium     | 115-2 |           |           |           | 90         |         | %     |
| Iron       | 56-2  | 328121.72 | 329591.83 | 330405.54 | 329373.03  | 0.35    | ppb   |
| Iron       | 57-2  | 328990.34 | 330560.16 | 329866.57 | 329805.69  | 0.24    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 3208.00   | 3052.39   | 3027.01   | 3095.80    | 3.17    | ppb   |
| Lead       | 207-1 | 2919.08   | 2775.83   | 2766.44   | 2820.45    | 3.03    | ppb   |
| Lead       | 208-1 | 3012.67   | 2862.90   | 2844.71   | 2906.76    | 3.17    | ppb   |
| Lithium    | 6-1   |           |           |           | 97         |         | %     |
| Magnesium  | 24-2  | 58643.77  | 58676.60  | 58922.25  | 58747.54   | 0.26    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-05            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS008-1824-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:00:02 | DataFile Name :   | 077SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 12933.01 | 12969.91 | 12928.82 | 12943.91   | 0.17    | ppb   |
| Molybdenum | 94-1  | 67.83    | 67.95    | 66.90    | 67.56      | 0.85    | ppb   |
| Molybdenum | 95-1  | 12.41    | 12.22    | 12.02    | 12.22      | 1.58    | ppb   |
| Molybdenum | 96-1  | 21.03    | 21.07    | 20.96    | 21.02      | 0.27    | ppb   |
| Molybdenum | 97-1  | 12.17    | 12.26    | 12.10    | 12.18      | 0.66    | ppb   |
| Molybdenum | 98-1  | 12.22    | 12.15    | 12.04    | 12.14      | 0.75    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 253.93   | 254.51   | 254.79   | 254.41     | 0.17    | ppb   |
| Phosphorus | 31-2  | 5760.53  | 5749.28  | 5943.59  | 5817.80    | 1.88    | ppb   |
| Potassium  | 39-2  | 8112.31  | 8162.91  | 8172.17  | 8149.13    | 0.40    | ppb   |
| Rhodium    | 103-1 |          |          |          | 90         |         | %     |
| Rhodium    | 103-2 |          |          |          | 85         |         | %     |
| Scandium   | 45-1  |          |          |          | 107        |         | %     |
| Scandium   | 45-2  |          |          |          | 102        |         | %     |
| Selenium   | 77-2  | 74.97    | 74.43    | 77.81    | 75.74      | 2.40    | ppb   |
| Selenium   | 78-2  | 16.66    | 16.28    | 15.25    | 16.06      | 4.57    | ppb   |
| Selenium   | 82-1  | 3.21     | 3.22     | 3.03     | 3.16       | 3.37    | ppb   |
| Silicon    | 28-1  | 5919.37  | 6013.73  | 5867.78  | 5933.63    | 1.25    | ppb   |
| Silver     | 109-1 | 0.61     | 0.67     | 0.65     | 0.64       | 4.79    | ppb   |
| Silver     | 107-1 | 0.77     | 0.67     | 0.71     | 0.72       | 6.54    | ppb   |
| Sodium     | 23-2  | 834.81   | 844.24   | 846.57   | 841.87     | 0.74    | ppb   |
| Strontium  | 86-1  | 53.43    | 52.81    | 52.39    | 52.88      | 0.99    | ppb   |
| Strontium  | 88-1  | 53.52    | 52.90    | 52.89    | 53.10      | 0.68    | ppb   |
| Sulfur     | 34-1  | 190.88   | 222.44   | -24.58   | 129.58     | 103.74  | ppb   |
| Terbium    | 159-1 |          |          |          | 105        |         | %     |
| Terbium    | 159-2 |          |          |          | 97         |         | %     |
| Thallium   | 203-1 | 0.98     | 0.99     | 0.93     | 0.97       | 3.43    | ppb   |
| Thallium   | 205-1 | 0.98     | 0.96     | 0.95     | 0.96       | 1.94    | ppb   |
| Thorium    | 232-1 | 36.82    | 34.59    | 34.14    | 35.18      | 4.08    | ppb   |
| Tin        | 118-1 | 3.49     | 3.39     | 3.31     | 3.40       | 2.58    | ppb   |
| Titanium   | 47-1  | 211.57   | 210.79   | 205.57   | 209.31     | 1.56    | ppb   |
| Uranium    | 238-1 | 4.55     | 4.33     | 4.26     | 4.38       | 3.38    | ppb   |
| Vanadium   | 51-2  | 190.02   | 190.79   | 191.29   | 190.70     | 0.33    | ppb   |
| Yttrium    | 89-1  |          |          |          | 147        |         | %     |
| Yttrium    | 89-2  |          |          |          | 139        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-05            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS008-1824-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:00:02 | DataFile Name :   | 077SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 1588.87 | 1594.28 | 1582.48 | 1588.55    | 0.37    | ppb   |
| Zirconium | 90-1 | 38.73   | 38.62   | 38.45   | 38.60      | 0.38    | ppb   |
| Zirconium | 91-1 | 39.69   | 39.08   | 38.64   | 39.14      | 1.34    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-06            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS009-0006-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:03:39 | DataFile Name :   | 078SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 136077.29 | 134096.95 | 135732.68 | 135302.30  | 0.78    | ppb   |
| Antimony   | 121-1 | 0.32      | 0.25      | 0.22      | 0.26       | 18.41   | ppb   |
| Arsenic    | 75-2  | 48.47     | 48.82     | 47.81     | 48.37      | 1.05    | ppb   |
| Barium     | 135-1 | 2098.32   | 1603.56   | 1525.96   | 1742.61    | 17.82   | ppb   |
| Barium     | 137-1 | 2099.68   | 1604.86   | 1539.65   | 1748.06    | 17.52   | ppb   |
| Beryllium  | 9-1   | 8.60      | 7.29      | 6.79      | 7.56       | 12.39   | ppb   |
| Bismuth    | 209-1 |           |           |           | 89         |         | %     |
| Bismuth    | 209-2 |           |           |           | 89         |         | %     |
| Boron      | 10-1  | 30.14     | 23.08     | 23.29     | 25.50      | 15.75   | ppb   |
| Boron      | 11-1  | 29.29     | 24.40     | 23.33     | 25.67      | 12.39   | ppb   |
| Cadmium    | 111-1 | 5.23      | 3.89      | 3.88      | 4.34       | 17.88   | ppb   |
| Cadmium    | 106-1 | 27.44     | 19.32     | 19.77     | 22.18      | 20.59   | ppb   |
| Cadmium    | 108-1 | 13.24     | 10.26     | 9.01      | 10.84      | 20.07   | ppb   |
| Calcium    | 43-1  | 28956.90  | 22686.44  | 21927.61  | 24523.65   | 15.73   | ppb   |
| Calcium    | 44-1  | 29158.64  | 23156.90  | 22261.17  | 24858.91   | 15.09   | ppb   |
| Chromium   | 52-2  | 163.35    | 162.76    | 164.36    | 163.49     | 0.50    | ppb   |
| Cobalt     | 59-2  | 123.99    | 123.94    | 125.55    | 124.49     | 0.74    | ppb   |
| Copper     | 63-2  | 275.14    | 274.43    | 277.75    | 275.78     | 0.63    | 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 |           |           |           | 87         |         | %     |
| Indium     | 115-2 |           |           |           | 91         |         | %     |
| Iron       | 56-2  | 323185.64 | 322755.67 | 324429.49 | 323456.93  | 0.27    | ppb   |
| Iron       | 57-2  | 323215.14 | 318957.39 | 323389.72 | 321854.08  | 0.78    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 666.86    | 489.86    | 469.47    | 542.06     | 20.03   | ppb   |
| Lead       | 207-1 | 616.30    | 449.69    | 429.94    | 498.64     | 20.53   | ppb   |
| Lead       | 208-1 | 647.23    | 475.44    | 455.58    | 526.08     | 20.03   | ppb   |
| Lithium    | 6-1   |           |           |           | 94         |         | %     |
| Magnesium  | 24-2  | 57944.44  | 57214.23  | 57796.20  | 57651.62   | 0.67    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-06            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS009-0006-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:03:39 | DataFile Name :   | 078SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 11893.79 | 11849.91 | 11947.65 | 11897.12   | 0.41    | ppb   |
| Molybdenum | 94-1  | 76.59    | 65.11    | 62.52    | 68.07      | 11.00   | ppb   |
| Molybdenum | 95-1  | 6.06     | 4.97     | 4.86     | 5.29       | 12.48   | ppb   |
| Molybdenum | 96-1  | 17.22    | 14.76    | 13.94    | 15.31      | 11.17   | ppb   |
| Molybdenum | 97-1  | 5.90     | 4.75     | 4.69     | 5.11       | 13.36   | ppb   |
| Molybdenum | 98-1  | 5.80     | 4.85     | 4.73     | 5.13       | 11.43   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 254.50   | 252.41   | 257.01   | 254.64     | 0.90    | ppb   |
| Phosphorus | 31-2  | 4970.41  | 4800.98  | 4929.82  | 4900.40    | 1.81    | ppb   |
| Potassium  | 39-2  | 8811.28  | 8729.42  | 8842.90  | 8794.53    | 0.67    | ppb   |
| Rhodium    | 103-1 |          |          |          | 83         |         | %     |
| Rhodium    | 103-2 |          |          |          | 86         |         | %     |
| Scandium   | 45-1  |          |          |          | 100        |         | %     |
| Scandium   | 45-2  |          |          |          | 103        |         | %     |
| Selenium   | 77-2  | 64.72    | 61.54    | 67.26    | 64.51      | 4.45    | ppb   |
| Selenium   | 78-2  | 14.85    | 14.71    | 14.69    | 14.75      | 0.59    | ppb   |
| Selenium   | 82-1  | 4.43     | 3.98     | 3.31     | 3.91       | 14.52   | ppb   |
| Silicon    | 28-1  | 8509.92  | 6753.73  | 6534.55  | 7266.07    | 14.90   | ppb   |
| Silver     | 109-1 | 0.47     | 0.35     | 0.35     | 0.39       | 18.06   | ppb   |
| Silver     | 107-1 | 0.60     | 0.42     | 0.38     | 0.47       | 25.77   | ppb   |
| Sodium     | 23-2  | 824.35   | 813.69   | 812.18   | 816.74     | 0.81    | ppb   |
| Strontium  | 86-1  | 97.85    | 82.19    | 78.98    | 86.34      | 11.70   | ppb   |
| Strontium  | 88-1  | 99.10    | 82.73    | 79.68    | 87.17      | 11.98   | ppb   |
| Sulfur     | 34-1  | 2158.14  | 495.96   | 274.44   | 976.18     | 105.47  | ppb   |
| Terbium    | 159-1 |          |          |          | 98         |         | %     |
| Terbium    | 159-2 |          |          |          | 99         |         | %     |
| Thallium   | 203-1 | 0.94     | 0.69     | 0.70     | 0.78       | 18.38   | ppb   |
| Thallium   | 205-1 | 0.96     | 0.73     | 0.73     | 0.81       | 16.08   | ppb   |
| Thorium    | 232-1 | 45.54    | 33.59    | 32.21    | 37.12      | 19.75   | ppb   |
| Tin        | 118-1 | 3.56     | 2.53     | 2.48     | 2.86       | 21.45   | ppb   |
| Titanium   | 47-1  | 198.36   | 154.12   | 149.38   | 167.29     | 16.15   | ppb   |
| Uranium    | 238-1 | 7.62     | 5.79     | 5.45     | 6.29       | 18.53   | ppb   |
| Vanadium   | 51-2  | 161.52   | 160.16   | 162.94   | 161.54     | 0.86    | ppb   |
| Yttrium    | 89-1  |          |          |          | 140        |         | %     |
| Yttrium    | 89-2  |          |          |          | 138        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-06            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS009-0006-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:03:39 | DataFile Name :   | 078SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 934.10  | 939.41  | 940.02  | 937.84     | 0.35    | ppb   |
| Zirconium | 90-1 | 48.03   | 39.81   | 38.76   | 42.20      | 12.02   | ppb   |
| Zirconium | 91-1 | 47.90   | 40.47   | 39.19   | 42.52      | 11.06   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-07            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS009-0612-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:07:15 | DataFile Name :   | 079SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 152708.90 | 147388.14 | 149873.75 | 149990.27  | 1.77    | ppb   |
| Antimony   | 121-1 | 0.22      | 0.23      | 0.22      | 0.22       | 1.17    | ppb   |
| Arsenic    | 75-2  | 52.76     | 53.23     | 53.28     | 53.09      | 0.54    | ppb   |
| Barium     | 135-1 | 1445.72   | 1441.74   | 1435.93   | 1441.13    | 0.34    | ppb   |
| Barium     | 137-1 | 1446.91   | 1442.30   | 1438.86   | 1442.69    | 0.28    | ppb   |
| Beryllium  | 9-1   | 7.79      | 8.03      | 8.07      | 7.96       | 1.90    | ppb   |
| Bismuth    | 209-1 |           |           |           | 97         |         | %     |
| Bismuth    | 209-2 |           |           |           | 90         |         | %     |
| Boron      | 10-1  | 19.51     | 19.83     | 19.32     | 19.55      | 1.32    | ppb   |
| Boron      | 11-1  | 20.13     | 19.63     | 20.03     | 19.93      | 1.33    | ppb   |
| Cadmium    | 111-1 | 2.91      | 3.07      | 2.88      | 2.95       | 3.37    | ppb   |
| Cadmium    | 106-1 | 20.05     | 21.91     | 20.26     | 20.74      | 4.90    | ppb   |
| Cadmium    | 108-1 | 9.26      | 8.71      | 8.75      | 8.91       | 3.42    | ppb   |
| Calcium    | 43-1  | 17941.68  | 18003.49  | 17801.35  | 17915.50   | 0.58    | ppb   |
| Calcium    | 44-1  | 18191.47  | 18268.34  | 18281.95  | 18247.26   | 0.27    | ppb   |
| Chromium   | 52-2  | 174.82    | 169.86    | 172.38    | 172.35     | 1.44    | ppb   |
| Cobalt     | 59-2  | 123.44    | 119.08    | 122.27    | 121.59     | 1.86    | ppb   |
| Copper     | 63-2  | 323.13    | 310.80    | 318.01    | 317.31     | 1.95    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 108        |         | %     |
| Holmium    | 165-2 |           |           |           | 100        |         | %     |
| Indium     | 115-1 |           |           |           | 95         |         | %     |
| Indium     | 115-2 |           |           |           | 92         |         | %     |
| Iron       | 56-2  | 348286.24 | 338808.88 | 343720.52 | 343605.21  | 1.38    | ppb   |
| Iron       | 57-2  | 348400.44 | 334013.50 | 341964.24 | 341459.40  | 2.11    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 591.47    | 585.73    | 579.84    | 585.68     | 0.99    | ppb   |
| Lead       | 207-1 | 540.79    | 534.14    | 528.71    | 534.54     | 1.13    | ppb   |
| Lead       | 208-1 | 568.93    | 565.03    | 560.46    | 564.81     | 0.75    | ppb   |
| Lithium    | 6-1   |           |           |           | 99         |         | %     |
| Magnesium  | 24-2  | 60943.97  | 58479.99  | 59813.42  | 59745.80   | 2.06    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-07            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS009-0612-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:07:15 | DataFile Name :   | 079SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 11583.45 | 11236.57 | 11369.15 | 11396.39   | 1.54    | ppb   |
| Molybdenum | 94-1  | 62.11    | 63.31    | 62.51    | 62.64      | 0.97    | ppb   |
| Molybdenum | 95-1  | 4.95     | 4.87     | 4.87     | 4.90       | 0.97    | ppb   |
| Molybdenum | 96-1  | 14.24    | 14.13    | 13.96    | 14.11      | 1.01    | ppb   |
| Molybdenum | 97-1  | 4.78     | 5.04     | 4.96     | 4.93       | 2.74    | ppb   |
| Molybdenum | 98-1  | 4.78     | 4.75     | 4.79     | 4.77       | 0.41    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 249.14   | 240.34   | 245.38   | 244.95     | 1.80    | ppb   |
| Phosphorus | 31-2  | 6206.88  | 5735.04  | 5971.85  | 5971.26    | 3.95    | ppb   |
| Potassium  | 39-2  | 7814.67  | 7509.86  | 7700.67  | 7675.07    | 2.01    | ppb   |
| Rhodium    | 103-1 |          |          |          | 91         |         | %     |
| Rhodium    | 103-2 |          |          |          | 87         |         | %     |
| Scandium   | 45-1  |          |          |          | 110        |         | %     |
| Scandium   | 45-2  |          |          |          | 106        |         | %     |
| Selenium   | 77-2  | 68.86    | 77.95    | 71.22    | 72.68      | 6.49    | ppb   |
| Selenium   | 78-2  | 15.70    | 15.42    | 15.92    | 15.68      | 1.59    | ppb   |
| Selenium   | 82-1  | 3.70     | 3.48     | 3.80     | 3.66       | 4.46    | ppb   |
| Silicon    | 28-1  | 6718.92  | 6701.93  | 6634.87  | 6685.24    | 0.66    | ppb   |
| Silver     | 109-1 | 0.34     | 0.37     | 0.42     | 0.38       | 10.25   | ppb   |
| Silver     | 107-1 | 0.51     | 0.44     | 0.48     | 0.48       | 6.93    | ppb   |
| Sodium     | 23-2  | 821.93   | 785.07   | 811.32   | 806.11     | 2.35    | ppb   |
| Strontium  | 86-1  | 63.25    | 62.15    | 62.96    | 62.79      | 0.90    | ppb   |
| Strontium  | 88-1  | 63.39    | 63.21    | 62.71    | 63.10      | 0.56    | ppb   |
| Sulfur     | 34-1  | -490.66  | -516.43  | -563.47  | -523.52    |         | ppb   |
| Terbium    | 159-1 |          |          |          | 106        |         | %     |
| Terbium    | 159-2 |          |          |          | 100        |         | %     |
| Thallium   | 203-1 | 0.72     | 0.73     | 0.71     | 0.72       | 1.49    | ppb   |
| Thallium   | 205-1 | 0.73     | 0.75     | 0.70     | 0.73       | 2.97    | ppb   |
| Thorium    | 232-1 | 37.59    | 37.19    | 36.72    | 37.16      | 1.17    | ppb   |
| Tin        | 118-1 | 2.10     | 2.01     | 1.99     | 2.03       | 2.73    | ppb   |
| Titanium   | 47-1  | 162.68   | 161.58   | 161.85   | 162.04     | 0.35    | ppb   |
| Uranium    | 238-1 | 6.06     | 6.08     | 6.00     | 6.05       | 0.68    | ppb   |
| Vanadium   | 51-2  | 182.84   | 177.65   | 178.84   | 179.78     | 1.51    | ppb   |
| Yttrium    | 89-1  |          |          |          | 157        |         | %     |
| Yttrium    | 89-2  |          |          |          | 149        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-07            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS009-0612-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:07:15 | DataFile Name :   | 079SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 932.25  | 907.37  | 914.95  | 918.19     | 1.39    | ppb   |
| Zirconium | 90-1 | 38.89   | 38.63   | 38.41   | 38.64      | 0.63    | ppb   |
| Zirconium | 91-1 | 39.11   | 38.98   | 39.21   | 39.10      | 0.29    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100071            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV29               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV29               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-12-27 17:14:56 | DataFile Name :   | 080CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 51203.36  | 51365.68  | 50966.13  | 51178.39   | 0.39    | ppb   |
| Antimony   | 121-1 | 495.73    | 489.30    | 490.97    | 492.00     | 0.68    | ppb   |
| Arsenic    | 75-2  | 483.24    | 479.86    | 478.69    | 480.60     | 0.49    | ppb   |
| Barium     | 135-1 | 2498.01   | 2450.84   | 2473.93   | 2474.26    | 0.95    | ppb   |
| Barium     | 137-1 | 2542.53   | 2494.61   | 2519.56   | 2518.90    | 0.95    | ppb   |
| Beryllium  | 9-1   | 511.69    | 509.97    | 515.03    | 512.23     | 0.50    | ppb   |
| Bismuth    | 209-1 |           |           |           | 88         |         | %     |
| Bismuth    | 209-2 |           |           |           | 82         |         | %     |
| Boron      | 10-1  | 486.39    | 497.55    | 507.27    | 497.07     | 2.10    | ppb   |
| Boron      | 11-1  | 486.25    | 489.96    | 501.02    | 492.41     | 1.56    | ppb   |
| Cadmium    | 111-1 | 516.70    | 507.22    | 513.13    | 512.35     | 0.93    | ppb   |
| Cadmium    | 106-1 | 523.16    | 519.86    | 514.16    | 519.06     | 0.88    | ppb   |
| Cadmium    | 108-1 | 522.62    | 511.76    | 523.04    | 519.14     | 1.23    | ppb   |
| Calcium    | 43-1  | 246438.25 | 245378.12 | 244819.84 | 245545.40  | 0.33    | ppb   |
| Calcium    | 44-1  | 246094.05 | 246436.78 | 247684.86 | 246738.57  | 0.34    | ppb   |
| Chromium   | 52-2  | 502.66    | 504.36    | 502.20    | 503.07     | 0.23    | ppb   |
| Cobalt     | 59-2  | 492.59    | 493.49    | 491.72    | 492.60     | 0.18    | ppb   |
| Copper     | 63-2  | 999.36    | 1004.97   | 1003.41   | 1002.58    | 0.29    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 103        |         | %     |
| Holmium    | 165-2 |           |           |           | 94         |         | %     |
| Indium     | 115-1 |           |           |           | 90         |         | %     |
| Indium     | 115-2 |           |           |           | 85         |         | %     |
| Iron       | 56-2  | 132342.65 | 132834.20 | 132289.11 | 132488.65  | 0.23    | ppb   |
| Iron       | 57-2  | 132658.73 | 133714.31 | 131884.21 | 132752.42  | 0.69    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 523.35    | 521.58    | 523.07    | 522.67     | 0.18    | ppb   |
| Lead       | 207-1 | 519.55    | 516.42    | 524.29    | 520.09     | 0.76    | ppb   |
| Lead       | 208-1 | 528.46    | 524.69    | 530.66    | 527.93     | 0.57    | ppb   |
| Lithium    | 6-1   |           |           |           | 86         |         | %     |
| Magnesium  | 24-2  | 251031.55 | 251717.88 | 250092.13 | 250947.19  | 0.33    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100071            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV29               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV29               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-12-27 17:14:56 | DataFile Name :   | 080CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 994.96    | 999.56    | 992.29    | 995.60     | 0.37    | ppb   |
| Molybdenum | 94-1  | 2512.82   | 2492.81   | 2538.06   | 2514.57    | 0.90    | ppb   |
| Molybdenum | 95-1  | 2520.58   | 2497.75   | 2520.52   | 2512.95    | 0.52    | ppb   |
| Molybdenum | 96-1  | 2512.08   | 2499.82   | 2530.06   | 2513.99    | 0.61    | ppb   |
| Molybdenum | 97-1  | 2519.96   | 2495.31   | 2527.21   | 2514.16    | 0.67    | ppb   |
| Molybdenum | 98-1  | 2524.96   | 2510.95   | 2536.18   | 2524.03    | 0.50    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 484.88    | 489.42    | 489.12    | 487.81     | 0.52    | ppb   |
| Phosphorus | 31-2  | 10103.08  | 9826.01   | 10055.80  | 9994.97    | 1.48    | ppb   |
| Potassium  | 39-2  | 128978.30 | 129612.99 | 128204.13 | 128931.80  | 0.55    | ppb   |
| Rhodium    | 103-1 |           |           |           | 84         |         | %     |
| Rhodium    | 103-2 |           |           |           | 79         |         | %     |
| Scandium   | 45-1  |           |           |           | 91         |         | %     |
| Scandium   | 45-2  |           |           |           | 87         |         | %     |
| Selenium   | 77-2  | 501.98    | 485.00    | 501.79    | 496.26     | 1.96    | ppb   |
| Selenium   | 78-2  | 513.63    | 506.81    | 506.33    | 508.92     | 0.80    | ppb   |
| Selenium   | 82-1  | 486.26    | 479.29    | 487.44    | 484.33     | 0.91    | ppb   |
| Silicon    | 28-1  | 521.29    | 525.52    | 539.23    | 528.68     | 1.77    | ppb   |
| Silver     | 109-1 | 486.73    | 476.85    | 483.55    | 482.37     | 1.05    | ppb   |
| Silver     | 107-1 | 490.86    | 481.80    | 479.50    | 484.05     | 1.24    | ppb   |
| Sodium     | 23-2  | 249312.21 | 249956.76 | 247865.07 | 249044.68  | 0.43    | ppb   |
| Strontium  | 86-1  | 495.49    | 489.33    | 495.40    | 493.41     | 0.72    | ppb   |
| Strontium  | 88-1  | 503.71    | 502.37    | 501.90    | 502.66     | 0.19    | ppb   |
| Sulfur     | 34-1  | 10611.94  | 10349.44  | 10499.80  | 10487.06   | 1.26    | ppb   |
| Terbium    | 159-1 |           |           |           | 101        |         | %     |
| Terbium    | 159-2 |           |           |           | 94         |         | %     |
| Thallium   | 203-1 | 525.45    | 517.56    | 521.03    | 521.34     | 0.76    | ppb   |
| Thallium   | 205-1 | 548.65    | 541.07    | 547.52    | 545.75     | 0.75    | ppb   |
| Thorium    | 232-1 | 532.50    | 531.83    | 542.99    | 535.78     | 1.17    | ppb   |
| Tin        | 118-1 | 479.35    | 474.11    | 480.57    | 478.01     | 0.72    | ppb   |
| Titanium   | 47-1  | 2506.39   | 2483.97   | 2515.90   | 2502.09    | 0.66    | ppb   |
| Uranium    | 238-1 | 518.56    | 516.70    | 528.90    | 521.39     | 1.26    | ppb   |
| Vanadium   | 51-2  | 507.75    | 508.42    | 505.34    | 507.17     | 0.32    | ppb   |
| Yttrium    | 89-1  |           |           |           | 93         |         | %     |
| Yttrium    | 89-2  |           |           |           | 88         |         | %     |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100071            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV29               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV29               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-12-27 17:14:56 | DataFile Name :   | 080CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 1039.63 | 1039.21 | 1034.99 | 1037.94    | 0.25    | ppb   |
| Zirconium | 90-1 | 507.28  | 500.01  | 508.14  | 505.14     | 0.88    | ppb   |
| Zirconium | 91-1 | 496.28  | 488.66  | 500.21  | 495.05     | 1.19    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : CCB29 Instrumnet Name : P7  
 Client Sample ID : CCB29 Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 17:24:03 DataFile Name : 081CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.77    | 0.99    | 1.08    | 1.28       | 33.05   | ppb   |
| Antimony   | 121-1 | 0.06    | 0.05    | 0.06    | 0.06       | 14.89   | ppb   |
| Arsenic    | 75-2  | 0.03    | 0.03    | 0.04    | 0.03       | 20.83   | ppb   |
| Barium     | 135-1 | 0.08    | 0.07    | 0.04    | 0.06       | 34.41   | ppb   |
| Barium     | 137-1 | 0.06    | 0.07    | 0.06    | 0.06       | 11.79   | ppb   |
| Beryllium  | 9-1   | 0.07    | 0.05    | 0.04    | 0.05       | 21.35   | ppb   |
| Bismuth    | 209-1 |         |         |         | 109        |         | %     |
| Bismuth    | 209-2 |         |         |         | 99         |         | %     |
| Boron      | 10-1  | 5.15    | 5.20    | 5.00    | 5.12       | 2.04    | ppb   |
| Boron      | 11-1  | 5.16    | 4.87    | 4.58    | 4.87       | 5.92    | ppb   |
| Cadmium    | 111-1 | -0.17   | -0.10   | -0.23   | -0.17      |         | ppb   |
| Cadmium    | 106-1 | -2.45   | -1.57   | -3.11   | -2.38      |         | ppb   |
| Cadmium    | 108-1 | -0.04   | -0.04   | -0.08   | -0.05      |         | ppb   |
| Calcium    | 43-1  | 3.39    | 4.44    | 2.37    | 3.40       | 30.51   | ppb   |
| Calcium    | 44-1  | 4.49    | 3.58    | 3.76    | 3.94       | 12.30   | ppb   |
| Chromium   | 52-2  | -0.05   | -0.02   | -0.02   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.01    | 0.00    | 0.00       | 66.10   | ppb   |
| Copper     | 63-2  | 0.02    | 0.02    | 0.02    | 0.02       | 6.81    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 109        |         | %     |
| Holmium    | 165-2 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 104        |         | %     |
| Indium     | 115-2 |         |         |         | 99         |         | %     |
| Iron       | 56-2  | 3.77    | 3.91    | 3.91    | 3.86       | 2.09    | ppb   |
| Iron       | 57-2  | 3.93    | 4.85    | 3.69    | 4.16       | 14.70   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.14    | 0.13    | 0.14    | 0.14       | 3.16    | ppb   |
| Lead       | 207-1 | 0.14    | 0.12    | 0.11    | 0.12       | 15.54   | ppb   |
| Lead       | 208-1 | 0.12    | 0.12    | 0.12    | 0.12       | 2.83    | ppb   |
| Lithium    | 6-1   |         |         |         | 97         |         | %     |
| Magnesium  | 24-2  | 5.10    | 6.09    | 5.76    | 5.65       | 8.93    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB29               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB29               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:24:03 | DataFile Name :   | 081CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.09    | 0.10    | 0.07    | 0.09       | 14.53   | ppb   |
| Molybdenum | 94-1  | 0.10    | 0.10    | 0.10    | 0.10       | 1.73    | ppb   |
| Molybdenum | 95-1  | 0.12    | 0.11    | 0.11    | 0.11       | 7.06    | ppb   |
| Molybdenum | 96-1  | 0.13    | 0.11    | 0.07    | 0.11       | 28.78   | ppb   |
| Molybdenum | 97-1  | 0.08    | 0.09    | 0.09    | 0.09       | 7.63    | ppb   |
| Molybdenum | 98-1  | 0.11    | 0.11    | 0.10    | 0.11       | 8.28    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Phosphorus | 31-2  | -40.00  | -61.85  | -65.10  | -55.65     |         | ppb   |
| Potassium  | 39-2  | 5.35    | 8.99    | 6.40    | 6.91       | 27.11   | ppb   |
| Rhodium    | 103-1 |         |         |         | 103        |         | %     |
| Rhodium    | 103-2 |         |         |         | 96         |         | %     |
| Scandium   | 45-1  |         |         |         | 102        |         | %     |
| Scandium   | 45-2  |         |         |         | 96         |         | %     |
| Selenium   | 77-2  | 0.00    | 0.84    | 0.00    | 0.28       | 173.21  | ppb   |
| Selenium   | 78-2  | 0.51    | 0.21    | 0.36    | 0.36       | 42.72   | ppb   |
| Selenium   | 82-1  | 0.00    | 0.07    | -0.02   | 0.01       | 322.17  | ppb   |
| Silicon    | 28-1  | -3.97   | -4.78   | -4.69   | -4.48      |         | ppb   |
| Silver     | 109-1 | 0.01    | 0.01    | 0.01    | 0.01       | 31.24   | ppb   |
| Silver     | 107-1 | 0.02    | 0.01    | 0.01    | 0.01       | 25.65   | ppb   |
| Sodium     | 23-2  | 3.67    | 3.08    | 2.97    | 3.24       | 11.67   | ppb   |
| Strontium  | 86-1  | -0.03   | 0.02    | -0.02   | -0.01      |         | ppb   |
| Strontium  | 88-1  | 0.01    | 0.01    | 0.01    | 0.01       | 18.82   | ppb   |
| Sulfur     | 34-1  | 198.21  | 190.51  | 208.68  | 199.13     | 4.58    | ppb   |
| Terbium    | 159-1 |         |         |         | 108        |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 0.05    | 0.06    | 0.05    | 0.05       | 3.60    | ppb   |
| Thallium   | 205-1 | 0.05    | 0.05    | 0.06    | 0.06       | 5.32    | ppb   |
| Thorium    | 232-1 | 0.02    | 0.02    | 0.02    | 0.02       | 1.63    | ppb   |
| Tin        | 118-1 | 0.02    | 0.01    | 0.05    | 0.03       | 65.27   | ppb   |
| Titanium   | 47-1  | 0.04    | 0.02    | 0.04    | 0.03       | 44.70   | ppb   |
| Uranium    | 238-1 | 0.01    | 0.00    | 0.01    | 0.01       | 16.70   | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.01    | 0.01    | 0.01       | 46.86   | ppb   |
| Yttrium    | 89-1  |         |         |         | 104        |         | %     |
| Yttrium    | 89-2  |         |         |         | 98         |         | %     |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB29               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB29               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:24:03 | DataFile Name :   | 081CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 0.47    | 0.53    | 0.49    | 0.50       | 6.11    | ppb   |
| Zirconium | 90-1 | 0.02    | 0.02    | 0.02    | 0.02       | 10.19   | ppb   |
| Zirconium | 91-1 | 0.03    | 0.00    | 0.03    | 0.02       | 101.24  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-08            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS009-1218-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:27:37 | DataFile Name :   | 082SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 160223.77 | 158832.25 | 155663.27 | 158239.76  | 1.48    | ppb   |
| Antimony   | 121-1 | 0.34      | 0.34      | 0.34      | 0.34       | 1.48    | ppb   |
| Arsenic    | 75-2  | 68.67     | 68.11     | 67.23     | 68.00      | 1.07    | ppb   |
| Barium     | 135-1 | 1266.85   | 1256.34   | 1237.05   | 1253.42    | 1.21    | ppb   |
| Barium     | 137-1 | 1264.34   | 1265.13   | 1235.58   | 1255.02    | 1.34    | ppb   |
| Beryllium  | 9-1   | 8.16      | 7.78      | 7.66      | 7.87       | 3.32    | ppb   |
| Bismuth    | 209-1 |           |           |           | 99         |         | %     |
| Bismuth    | 209-2 |           |           |           | 87         |         | %     |
| Boron      | 10-1  | 15.81     | 15.78     | 14.71     | 15.43      | 4.04    | ppb   |
| Boron      | 11-1  | 15.47     | 15.64     | 15.28     | 15.46      | 1.15    | ppb   |
| Cadmium    | 111-1 | 2.03      | 2.27      | 1.92      | 2.07       | 8.52    | ppb   |
| Cadmium    | 106-1 | 16.17     | 19.31     | 15.47     | 16.99      | 12.04   | ppb   |
| Cadmium    | 108-1 | 8.06      | 8.22      | 7.21      | 7.83       | 6.87    | ppb   |
| Calcium    | 43-1  | 6085.19   | 5979.87   | 5989.68   | 6018.25    | 0.97    | ppb   |
| Calcium    | 44-1  | 6140.50   | 6062.75   | 6054.47   | 6085.91    | 0.78    | ppb   |
| Chromium   | 52-2  | 178.48    | 178.47    | 174.30    | 177.08     | 1.36    | ppb   |
| Cobalt     | 59-2  | 127.08    | 128.14    | 125.75    | 126.99     | 0.94    | ppb   |
| Copper     | 63-2  | 364.48    | 364.16    | 358.68    | 362.44     | 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 |           |           |           | 109        |         | %     |
| Holmium    | 165-2 |           |           |           | 97         |         | %     |
| Indium     | 115-1 |           |           |           | 96         |         | %     |
| Indium     | 115-2 |           |           |           | 89         |         | %     |
| Iron       | 56-2  | 353568.64 | 351629.59 | 348135.28 | 351111.17  | 0.78    | ppb   |
| Iron       | 57-2  | 352502.05 | 349224.27 | 345731.95 | 349152.76  | 0.97    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 504.51    | 496.69    | 492.66    | 497.95     | 1.21    | ppb   |
| Lead       | 207-1 | 464.46    | 457.86    | 451.39    | 457.90     | 1.43    | ppb   |
| Lead       | 208-1 | 488.96    | 482.65    | 479.97    | 483.86     | 0.95    | ppb   |
| Lithium    | 6-1   |           |           |           | 100        |         | %     |
| Magnesium  | 24-2  | 65443.03  | 65124.52  | 64247.63  | 64938.39   | 0.95    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-08            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS009-1218-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:27:37 | DataFile Name :   | 082SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 12385.15 | 12308.08 | 12151.75 | 12281.66   | 0.97    | ppb   |
| Molybdenum | 94-1  | 55.83    | 55.78    | 54.85    | 55.49      | 0.99    | ppb   |
| Molybdenum | 95-1  | 4.04     | 4.20     | 3.95     | 4.06       | 3.09    | ppb   |
| Molybdenum | 96-1  | 12.62    | 12.53    | 12.60    | 12.58      | 0.41    | ppb   |
| Molybdenum | 97-1  | 3.99     | 3.80     | 4.13     | 3.97       | 4.26    | ppb   |
| Molybdenum | 98-1  | 3.97     | 3.90     | 3.90     | 3.92       | 1.06    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 242.90   | 247.58   | 242.45   | 244.31     | 1.16    | ppb   |
| Phosphorus | 31-2  | 4099.59  | 4174.82  | 4081.89  | 4118.77    | 1.20    | ppb   |
| Potassium  | 39-2  | 6510.75  | 6501.09  | 6373.51  | 6461.78    | 1.19    | ppb   |
| Rhodium    | 103-1 |          |          |          | 92         |         | %     |
| Rhodium    | 103-2 |          |          |          | 84         |         | %     |
| Scandium   | 45-1  |          |          |          | 113        |         | %     |
| Scandium   | 45-2  |          |          |          | 104        |         | %     |
| Selenium   | 77-2  | 77.41    | 81.77    | 78.25    | 79.15      | 2.92    | ppb   |
| Selenium   | 78-2  | 15.53    | 16.41    | 15.83    | 15.92      | 2.79    | ppb   |
| Selenium   | 82-1  | 3.55     | 3.14     | 2.74     | 3.14       | 12.92   | ppb   |
| Silicon    | 28-1  | 15271.74 | 15018.09 | 15030.51 | 15106.78   | 0.95    | ppb   |
| Silver     | 109-1 | 0.56     | 0.55     | 0.58     | 0.56       | 2.45    | ppb   |
| Silver     | 107-1 | 0.65     | 0.66     | 0.62     | 0.64       | 2.71    | ppb   |
| Sodium     | 23-2  | 753.94   | 748.87   | 729.58   | 744.13     | 1.73    | ppb   |
| Strontium  | 86-1  | 29.56    | 29.53    | 28.76    | 29.28      | 1.54    | ppb   |
| Strontium  | 88-1  | 29.48    | 29.29    | 29.17    | 29.31      | 0.52    | ppb   |
| Sulfur     | 34-1  | -1308.89 | -1435.12 | -1564.28 | -1436.10   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 107        |         | %     |
| Terbium    | 159-2 |          |          |          | 97         |         | %     |
| Thallium   | 203-1 | 0.70     | 0.72     | 0.72     | 0.71       | 1.90    | ppb   |
| Thallium   | 205-1 | 0.72     | 0.73     | 0.73     | 0.72       | 1.15    | ppb   |
| Thorium    | 232-1 | 39.39    | 39.08    | 38.36    | 38.94      | 1.36    | ppb   |
| Tin        | 118-1 | 2.28     | 2.31     | 2.35     | 2.31       | 1.66    | ppb   |
| Titanium   | 47-1  | 262.92   | 257.14   | 253.23   | 257.77     | 1.89    | ppb   |
| Uranium    | 238-1 | 4.88     | 4.84     | 4.79     | 4.84       | 0.89    | ppb   |
| Vanadium   | 51-2  | 179.63   | 178.94   | 175.87   | 178.15     | 1.12    | ppb   |
| Yttrium    | 89-1  |          |          |          | 159        |         | %     |
| Yttrium    | 89-2  |          |          |          | 147        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-08            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS009-1218-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:27:37 | DataFile Name :   | 082SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 837.03  | 834.79  | 822.45  | 831.42     | 0.94    | ppb   |
| Zirconium | 90-1 | 34.86   | 34.23   | 34.15   | 34.41      | 1.13    | ppb   |
| Zirconium | 91-1 | 35.11   | 34.37   | 34.68   | 34.72      | 1.06    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-09            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS009-1824-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:31:15 | DataFile Name :   | 083SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 153495.63 | 153283.71 | 152943.11 | 153240.81  | 0.18    | ppb   |
| Antimony   | 121-1 | 0.35      | 0.34      | 0.33      | 0.34       | 3.36    | ppb   |
| Arsenic    | 75-2  | 58.60     | 57.71     | 58.67     | 58.33      | 0.92    | ppb   |
| Barium     | 135-1 | 1392.54   | 1370.63   | 1365.34   | 1376.17    | 1.05    | ppb   |
| Barium     | 137-1 | 1394.21   | 1365.45   | 1366.16   | 1375.27    | 1.19    | ppb   |
| Beryllium  | 9-1   | 7.96      | 7.81      | 7.78      | 7.85       | 1.26    | ppb   |
| Bismuth    | 209-1 |           |           |           | 98         |         | %     |
| Bismuth    | 209-2 |           |           |           | 88         |         | %     |
| Boron      | 10-1  | 17.16     | 17.44     | 17.67     | 17.42      | 1.48    | ppb   |
| Boron      | 11-1  | 16.57     | 16.86     | 16.18     | 16.54      | 2.08    | ppb   |
| Cadmium    | 111-1 | 2.27      | 2.27      | 2.24      | 2.26       | 0.77    | ppb   |
| Cadmium    | 106-1 | 17.73     | 19.09     | 17.42     | 18.08      | 4.90    | ppb   |
| Cadmium    | 108-1 | 8.36      | 9.41      | 8.88      | 8.88       | 5.93    | ppb   |
| Calcium    | 43-1  | 6717.44   | 6556.89   | 6570.96   | 6615.10    | 1.34    | ppb   |
| Calcium    | 44-1  | 6765.53   | 6655.73   | 6658.61   | 6693.29    | 0.93    | ppb   |
| Chromium   | 52-2  | 164.93    | 165.85    | 164.74    | 165.18     | 0.36    | ppb   |
| Cobalt     | 59-2  | 126.60    | 127.40    | 127.63    | 127.21     | 0.43    | ppb   |
| Copper     | 63-2  | 326.88    | 330.54    | 330.46    | 329.29     | 0.63    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 108        |         | %     |
| Holmium    | 165-2 |           |           |           | 98         |         | %     |
| Indium     | 115-1 |           |           |           | 95         |         | %     |
| Indium     | 115-2 |           |           |           | 90         |         | %     |
| Iron       | 56-2  | 339609.91 | 341827.71 | 340620.53 | 340686.05  | 0.33    | ppb   |
| Iron       | 57-2  | 336463.58 | 340539.70 | 338334.83 | 338446.04  | 0.60    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 707.04    | 689.55    | 696.84    | 697.81     | 1.26    | ppb   |
| Lead       | 207-1 | 654.23    | 639.63    | 640.59    | 644.82     | 1.27    | ppb   |
| Lead       | 208-1 | 687.49    | 670.50    | 675.67    | 677.89     | 1.28    | ppb   |
| Lithium    | 6-1   |           |           |           | 97         |         | %     |
| Magnesium  | 24-2  | 58882.23  | 58639.54  | 58547.46  | 58689.74   | 0.29    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-09            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS009-1824-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:31:15 | DataFile Name :   | 083SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 14406.17 | 14450.31 | 14428.24 | 14428.24   | 0.15    | ppb   |
| Molybdenum | 94-1  | 63.76    | 62.32    | 62.87    | 62.99      | 1.16    | ppb   |
| Molybdenum | 95-1  | 4.02     | 3.95     | 3.91     | 3.96       | 1.35    | ppb   |
| Molybdenum | 96-1  | 13.15    | 13.42    | 13.01    | 13.19      | 1.59    | ppb   |
| Molybdenum | 97-1  | 3.86     | 3.96     | 3.65     | 3.82       | 4.24    | ppb   |
| Molybdenum | 98-1  | 3.75     | 3.80     | 3.64     | 3.73       | 2.28    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 232.15   | 232.53   | 233.77   | 232.82     | 0.36    | ppb   |
| Phosphorus | 31-2  | 4039.82  | 4076.36  | 4265.97  | 4127.38    | 2.94    | ppb   |
| Potassium  | 39-2  | 6463.69  | 6467.21  | 6509.74  | 6480.21    | 0.40    | ppb   |
| Rhodium    | 103-1 |          |          |          | 90         |         | %     |
| Rhodium    | 103-2 |          |          |          | 85         |         | %     |
| Scandium   | 45-1  |          |          |          | 112        |         | %     |
| Scandium   | 45-2  |          |          |          | 106        |         | %     |
| Selenium   | 77-2  | 78.67    | 84.33    | 88.52    | 83.84      | 5.90    | ppb   |
| Selenium   | 78-2  | 17.61    | 16.15    | 16.00    | 16.58      | 5.35    | ppb   |
| Selenium   | 82-1  | 3.22     | 3.50     | 3.22     | 3.31       | 4.92    | ppb   |
| Silicon    | 28-1  | 14352.58 | 14232.90 | 14112.96 | 14232.81   | 0.84    | ppb   |
| Silver     | 109-1 | 0.59     | 0.54     | 0.54     | 0.56       | 4.74    | ppb   |
| Silver     | 107-1 | 0.64     | 0.63     | 0.62     | 0.63       | 1.50    | ppb   |
| Sodium     | 23-2  | 691.33   | 690.53   | 683.32   | 688.39     | 0.64    | ppb   |
| Strontium  | 86-1  | 30.86    | 30.90    | 30.86    | 30.87      | 0.09    | ppb   |
| Strontium  | 88-1  | 31.36    | 31.02    | 31.06    | 31.15      | 0.60    | ppb   |
| Sulfur     | 34-1  | -1340.91 | -1433.64 | -1436.15 | -1403.57   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 106        |         | %     |
| Terbium    | 159-2 |          |          |          | 98         |         | %     |
| Thallium   | 203-1 | 0.83     | 0.80     | 0.77     | 0.80       | 3.89    | ppb   |
| Thallium   | 205-1 | 0.82     | 0.78     | 0.76     | 0.79       | 3.45    | ppb   |
| Thorium    | 232-1 | 45.53    | 44.58    | 44.83    | 44.98      | 1.10    | ppb   |
| Tin        | 118-1 | 3.64     | 3.66     | 3.48     | 3.59       | 2.77    | ppb   |
| Titanium   | 47-1  | 251.14   | 247.14   | 244.95   | 247.75     | 1.27    | ppb   |
| Uranium    | 238-1 | 5.30     | 5.13     | 5.07     | 5.17       | 2.22    | ppb   |
| Vanadium   | 51-2  | 171.90   | 172.19   | 173.69   | 172.59     | 0.56    | ppb   |
| Yttrium    | 89-1  |          |          |          | 156        |         | %     |
| Yttrium    | 89-2  |          |          |          | 147        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-09            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS009-1824-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:31:15 | DataFile Name :   | 083SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 757.27  | 770.89  | 760.20  | 762.78     | 0.94    | ppb   |
| Zirconium | 90-1 | 39.36   | 38.92   | 38.75   | 39.01      | 0.81    | ppb   |
| Zirconium | 91-1 | 40.28   | 39.99   | 39.52   | 39.93      | 0.96    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-10            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS010-0006-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:34:53 | DataFile Name :   | 084SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 105331.38 | 104644.88 | 104011.67 | 104662.64  | 0.63    | ppb   |
| Antimony   | 121-1 | 0.38      | 0.37      | 0.40      | 0.38       | 4.64    | ppb   |
| Arsenic    | 75-2  | 41.48     | 41.70     | 42.21     | 41.79      | 0.90    | ppb   |
| Barium     | 135-1 | 1630.75   | 1611.75   | 1623.71   | 1622.07    | 0.59    | ppb   |
| Barium     | 137-1 | 1673.27   | 1660.62   | 1651.75   | 1661.88    | 0.65    | ppb   |
| Beryllium  | 9-1   | 5.68      | 5.68      | 5.77      | 5.71       | 0.91    | ppb   |
| Bismuth    | 209-1 |           |           |           | 101        |         | %     |
| Bismuth    | 209-2 |           |           |           | 91         |         | %     |
| Boron      | 10-1  | 17.87     | 16.76     | 17.07     | 17.24      | 3.32    | ppb   |
| Boron      | 11-1  | 17.72     | 17.63     | 17.86     | 17.74      | 0.63    | ppb   |
| Cadmium    | 111-1 | 3.39      | 3.32      | 3.36      | 3.35       | 1.05    | ppb   |
| Cadmium    | 106-1 | 13.43     | 14.73     | 14.23     | 14.13      | 4.63    | ppb   |
| Cadmium    | 108-1 | 7.66      | 7.48      | 7.17      | 7.44       | 3.36    | ppb   |
| Calcium    | 43-1  | 38251.01  | 37944.41  | 38001.75  | 38065.72   | 0.43    | ppb   |
| Calcium    | 44-1  | 38988.54  | 38773.82  | 38952.69  | 38905.01   | 0.30    | ppb   |
| Chromium   | 52-2  | 135.67    | 134.30    | 133.33    | 134.43     | 0.87    | ppb   |
| Cobalt     | 59-2  | 92.66     | 92.00     | 92.43     | 92.37      | 0.37    | ppb   |
| Copper     | 63-2  | 256.97    | 256.89    | 256.72    | 256.86     | 0.05    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 110        |         | %     |
| Holmium    | 165-2 |           |           |           | 100        |         | %     |
| Indium     | 115-1 |           |           |           | 99         |         | %     |
| Indium     | 115-2 |           |           |           | 93         |         | %     |
| Iron       | 56-2  | 239890.95 | 237335.04 | 238040.77 | 238422.26  | 0.55    | ppb   |
| Iron       | 57-2  | 237158.16 | 236768.85 | 235735.60 | 236554.21  | 0.31    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 558.74    | 555.71    | 549.55    | 554.67     | 0.84    | ppb   |
| Lead       | 207-1 | 511.87    | 511.48    | 504.01    | 509.12     | 0.87    | ppb   |
| Lead       | 208-1 | 537.21    | 539.67    | 533.27    | 536.72     | 0.60    | ppb   |
| Lithium    | 6-1   |           |           |           | 98         |         | %     |
| Magnesium  | 24-2  | 47817.25  | 47971.00  | 47329.32  | 47705.86   | 0.70    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-10            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS010-0006-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:34:53 | DataFile Name :   | 084SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 9655.94 | 9613.95 | 9649.31 | 9639.73    | 0.23    | ppb   |
| Molybdenum | 94-1  | 54.23   | 53.21   | 53.28   | 53.57      | 1.06    | ppb   |
| Molybdenum | 95-1  | 3.06    | 3.09    | 3.08    | 3.08       | 0.53    | ppb   |
| Molybdenum | 96-1  | 10.96   | 10.86   | 10.98   | 10.93      | 0.56    | ppb   |
| Molybdenum | 97-1  | 2.97    | 2.95    | 3.04    | 2.99       | 1.67    | ppb   |
| Molybdenum | 98-1  | 2.88    | 2.91    | 2.88    | 2.89       | 0.54    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 199.96  | 198.30  | 197.20  | 198.49     | 0.70    | ppb   |
| Phosphorus | 31-2  | 4295.41 | 4439.32 | 4343.07 | 4359.27    | 1.68    | ppb   |
| Potassium  | 39-2  | 7612.22 | 7608.61 | 7530.82 | 7583.89    | 0.61    | ppb   |
| Rhodium    | 103-1 |         |         |         | 95         |         | %     |
| Rhodium    | 103-2 |         |         |         | 88         |         | %     |
| Scandium   | 45-1  |         |         |         | 107        |         | %     |
| Scandium   | 45-2  |         |         |         | 101        |         | %     |
| Selenium   | 77-2  | 41.35   | 45.13   | 45.76   | 44.08      | 5.41    | ppb   |
| Selenium   | 78-2  | 11.53   | 11.68   | 11.62   | 11.61      | 0.62    | ppb   |
| Selenium   | 82-1  | 3.60    | 3.48    | 3.36    | 3.48       | 3.48    | ppb   |
| Silicon    | 28-1  | 9074.87 | 9031.06 | 8950.13 | 9018.69    | 0.70    | ppb   |
| Silver     | 109-1 | 0.29    | 0.33    | 0.32    | 0.31       | 6.40    | ppb   |
| Silver     | 107-1 | 0.38    | 0.35    | 0.35    | 0.36       | 4.81    | ppb   |
| Sodium     | 23-2  | 689.91  | 682.72  | 678.25  | 683.63     | 0.86    | ppb   |
| Strontium  | 86-1  | 135.28  | 135.95  | 137.27  | 136.17     | 0.74    | ppb   |
| Strontium  | 88-1  | 136.13  | 135.84  | 136.37  | 136.11     | 0.19    | ppb   |
| Sulfur     | 34-1  | 4222.30 | 4087.90 | 4201.04 | 4170.41    | 1.73    | ppb   |
| Terbium    | 159-1 |         |         |         | 108        |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 0.46    | 0.49    | 0.47    | 0.47       | 3.76    | ppb   |
| Thallium   | 205-1 | 0.47    | 0.51    | 0.48    | 0.49       | 3.72    | ppb   |
| Thorium    | 232-1 | 21.20   | 20.86   | 21.02   | 21.03      | 0.80    | ppb   |
| Tin        | 118-1 | 2.33    | 2.21    | 2.14    | 2.23       | 4.26    | ppb   |
| Titanium   | 47-1  | 198.31  | 195.73  | 192.04  | 195.36     | 1.61    | ppb   |
| Uranium    | 238-1 | 3.05    | 3.01    | 3.00    | 3.02       | 0.77    | ppb   |
| Vanadium   | 51-2  | 129.72  | 128.67  | 129.27  | 129.22     | 0.41    | ppb   |
| Yttrium    | 89-1  |         |         |         | 133        |         | %     |
| Yttrium    | 89-2  |         |         |         | 124        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-10            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS010-0006-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:34:53 | DataFile Name :   | 084SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 732.38  | 731.50  | 732.64  | 732.18     | 0.08    | ppb   |
| Zirconium | 90-1 | 33.23   | 33.33   | 32.87   | 33.14      | 0.73    | ppb   |
| Zirconium | 91-1 | 33.54   | 33.87   | 33.14   | 33.52      | 1.09    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-11            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS010-0612-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:38:29 | DataFile Name :   | 085SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 82322.64  | 81452.99  | 81350.90  | 81708.85   | 0.65    | ppb   |
| Antimony   | 121-1 | 0.90      | 0.83      | 0.81      | 0.85       | 5.59    | ppb   |
| Arsenic    | 75-2  | 31.16     | 30.92     | 31.74     | 31.27      | 1.34    | ppb   |
| Barium     | 135-1 | 2380.61   | 2345.30   | 2345.44   | 2357.12    | 0.86    | ppb   |
| Barium     | 137-1 | 2444.91   | 2404.14   | 2414.36   | 2421.14    | 0.88    | ppb   |
| Beryllium  | 9-1   | 5.18      | 5.27      | 5.07      | 5.17       | 1.90    | ppb   |
| Bismuth    | 209-1 |           |           |           | 104        |         | %     |
| Bismuth    | 209-2 |           |           |           | 97         |         | %     |
| Boron      | 10-1  | 10.90     | 10.81     | 10.48     | 10.73      | 2.05    | ppb   |
| Boron      | 11-1  | 10.76     | 10.78     | 10.58     | 10.71      | 1.02    | ppb   |
| Cadmium    | 111-1 | 3.51      | 3.40      | 3.44      | 3.45       | 1.57    | ppb   |
| Cadmium    | 106-1 | 9.19      | 9.92      | 9.63      | 9.58       | 3.84    | ppb   |
| Cadmium    | 108-1 | 6.34      | 5.71      | 7.11      | 6.38       | 10.99   | ppb   |
| Calcium    | 43-1  | 54231.60  | 53515.48  | 53121.94  | 53623.01   | 1.05    | ppb   |
| Calcium    | 44-1  | 55621.96  | 54256.21  | 54486.03  | 54788.07   | 1.33    | ppb   |
| Chromium   | 52-2  | 89.63     | 88.63     | 88.87     | 89.04      | 0.58    | ppb   |
| Cobalt     | 59-2  | 52.87     | 52.67     | 52.63     | 52.72      | 0.25    | ppb   |
| Copper     | 63-2  | 246.60    | 247.20    | 247.49    | 247.10     | 0.18    | 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 |           |           |           | 112        |         | %     |
| Holmium    | 165-2 |           |           |           | 105        |         | %     |
| Indium     | 115-1 |           |           |           | 101        |         | %     |
| Indium     | 115-2 |           |           |           | 98         |         | %     |
| Iron       | 56-2  | 131548.69 | 129715.41 | 130934.23 | 130732.78  | 0.71    | ppb   |
| Iron       | 57-2  | 131110.50 | 130498.09 | 130624.31 | 130744.30  | 0.25    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 680.77    | 665.42    | 661.01    | 669.07     | 1.55    | ppb   |
| Lead       | 207-1 | 620.62    | 609.23    | 609.42    | 613.09     | 1.06    | ppb   |
| Lead       | 208-1 | 658.05    | 643.82    | 645.13    | 649.00     | 1.21    | ppb   |
| Lithium    | 6-1   |           |           |           | 96         |         | %     |
| Magnesium  | 24-2  | 19979.81  | 19641.40  | 19141.05  | 19587.42   | 2.15    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-11            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS010-0612-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:38:29 | DataFile Name :   | 085SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 5610.64  | 5545.61  | 5566.24  | 5574.16    | 0.60    | ppb   |
| Molybdenum | 94-1  | 39.95    | 39.17    | 38.88    | 39.33      | 1.41    | ppb   |
| Molybdenum | 95-1  | 5.46     | 5.48     | 5.43     | 5.45       | 0.48    | ppb   |
| Molybdenum | 96-1  | 10.75    | 10.50    | 10.36    | 10.54      | 1.83    | ppb   |
| Molybdenum | 97-1  | 5.23     | 5.30     | 5.28     | 5.27       | 0.66    | ppb   |
| Molybdenum | 98-1  | 5.38     | 5.16     | 5.20     | 5.25       | 2.27    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 114.24   | 113.75   | 114.89   | 114.29     | 0.50    | ppb   |
| Phosphorus | 31-2  | 4598.35  | 4473.83  | 4533.27  | 4535.15    | 1.37    | ppb   |
| Potassium  | 39-2  | 4107.02  | 4106.44  | 4107.57  | 4107.01    | 0.01    | ppb   |
| Rhodium    | 103-1 |          |          |          | 97         |         | %     |
| Rhodium    | 103-2 |          |          |          | 93         |         | %     |
| Scandium   | 45-1  |          |          |          | 106        |         | %     |
| Scandium   | 45-2  |          |          |          | 102        |         | %     |
| Selenium   | 77-2  | 48.00    | 42.90    | 48.75    | 46.55      | 6.84    | ppb   |
| Selenium   | 78-2  | 14.68    | 14.36    | 14.33    | 14.45      | 1.37    | ppb   |
| Selenium   | 82-1  | 7.88     | 7.52     | 7.82     | 7.74       | 2.49    | ppb   |
| Silicon    | 28-1  | 8516.84  | 8341.47  | 8357.59  | 8405.30    | 1.15    | ppb   |
| Silver     | 109-1 | 0.30     | 0.27     | 0.31     | 0.29       | 7.68    | ppb   |
| Silver     | 107-1 | 0.31     | 0.33     | 0.33     | 0.32       | 3.37    | ppb   |
| Sodium     | 23-2  | 921.15   | 911.38   | 909.30   | 913.94     | 0.69    | ppb   |
| Strontium  | 86-1  | 242.58   | 237.14   | 234.51   | 238.08     | 1.73    | ppb   |
| Strontium  | 88-1  | 246.52   | 244.59   | 240.91   | 244.01     | 1.17    | ppb   |
| Sulfur     | 34-1  | 15154.02 | 14761.08 | 14402.03 | 14772.38   | 2.55    | ppb   |
| Terbium    | 159-1 |          |          |          | 110        |         | %     |
| Terbium    | 159-2 |          |          |          | 105        |         | %     |
| Thallium   | 203-1 | 0.51     | 0.52     | 0.50     | 0.51       | 2.20    | ppb   |
| Thallium   | 205-1 | 0.54     | 0.51     | 0.52     | 0.52       | 3.19    | ppb   |
| Thorium    | 232-1 | 8.89     | 8.66     | 8.78     | 8.78       | 1.28    | ppb   |
| Tin        | 118-1 | 4.40     | 4.43     | 4.33     | 4.39       | 1.17    | ppb   |
| Titanium   | 47-1  | 229.96   | 226.57   | 224.21   | 226.91     | 1.27    | ppb   |
| Uranium    | 238-1 | 3.49     | 3.47     | 3.43     | 3.46       | 0.95    | ppb   |
| Vanadium   | 51-2  | 106.00   | 105.17   | 105.13   | 105.43     | 0.46    | ppb   |
| Yttrium    | 89-1  |          |          |          | 131        |         | %     |
| Yttrium    | 89-2  |          |          |          | 125        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-11            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS010-0612-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:38:29 | DataFile Name :   | 085SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 405.56  | 405.26  | 405.94  | 405.58     | 0.08    | ppb   |
| Zirconium | 90-1 | 23.75   | 23.31   | 23.13   | 23.40      | 1.35    | ppb   |
| Zirconium | 91-1 | 23.79   | 23.45   | 23.07   | 23.44      | 1.53    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-12            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS010-1218-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:42:06 | DataFile Name :   | 086SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 144755.41 | 141638.37 | 144008.54 | 143467.44  | 1.13    | ppb   |
| Antimony   | 121-1 | 0.53      | 0.54      | 0.52      | 0.53       | 2.41    | ppb   |
| Arsenic    | 75-2  | 66.90     | 66.99     | 65.08     | 66.32      | 1.62    | ppb   |
| Barium     | 135-1 | 2299.97   | 2265.43   | 2255.82   | 2273.74    | 1.02    | ppb   |
| Barium     | 137-1 | 2349.44   | 2332.52   | 2352.54   | 2344.84    | 0.46    | ppb   |
| Beryllium  | 9-1   | 7.71      | 7.38      | 7.40      | 7.49       | 2.47    | ppb   |
| Bismuth    | 209-1 |           |           |           | 102        |         | %     |
| Bismuth    | 209-2 |           |           |           | 92         |         | %     |
| Boron      | 10-1  | 14.39     | 14.52     | 14.16     | 14.36      | 1.28    | ppb   |
| Boron      | 11-1  | 15.20     | 15.01     | 14.13     | 14.78      | 3.85    | ppb   |
| Cadmium    | 111-1 | 2.87      | 2.83      | 2.83      | 2.84       | 0.78    | ppb   |
| Cadmium    | 106-1 | 16.78     | 14.82     | 17.23     | 16.28      | 7.90    | ppb   |
| Cadmium    | 108-1 | 8.84      | 8.68      | 8.86      | 8.79       | 1.11    | ppb   |
| Calcium    | 43-1  | 22820.29  | 22928.03  | 22572.03  | 22773.45   | 0.80    | ppb   |
| Calcium    | 44-1  | 23306.55  | 23382.88  | 23168.10  | 23285.84   | 0.47    | ppb   |
| Chromium   | 52-2  | 183.42    | 180.57    | 183.29    | 182.43     | 0.88    | ppb   |
| Cobalt     | 59-2  | 111.35    | 110.34    | 111.84    | 111.17     | 0.69    | ppb   |
| Copper     | 63-2  | 394.29    | 388.70    | 392.64    | 391.88     | 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 |           |           |           | 113        |         | %     |
| Holmium    | 165-2 |           |           |           | 103        |         | %     |
| Indium     | 115-1 |           |           |           | 100        |         | %     |
| Indium     | 115-2 |           |           |           | 95         |         | %     |
| Iron       | 56-2  | 319547.77 | 315351.73 | 320873.81 | 318591.10  | 0.90    | ppb   |
| Iron       | 57-2  | 321003.60 | 315691.70 | 319410.13 | 318701.81  | 0.86    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 2281.34   | 2281.74   | 2285.90   | 2282.99    | 0.11    | ppb   |
| Lead       | 207-1 | 2096.30   | 2095.80   | 2105.99   | 2099.36    | 0.27    | ppb   |
| Lead       | 208-1 | 2163.58   | 2163.66   | 2160.67   | 2162.64    | 0.08    | ppb   |
| Lithium    | 6-1   |           |           |           | 102        |         | %     |
| Magnesium  | 24-2  | 53587.94  | 52282.41  | 53474.12  | 53114.83   | 1.36    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-12            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS010-1218-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:42:06 | DataFile Name :   | 086SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 11487.86 | 11290.05 | 11453.59 | 11410.50   | 0.93    | ppb   |
| Molybdenum | 94-1  | 72.02    | 71.52    | 71.31    | 71.62      | 0.51    | ppb   |
| Molybdenum | 95-1  | 5.61     | 5.67     | 5.60     | 5.63       | 0.66    | ppb   |
| Molybdenum | 96-1  | 16.09    | 15.72    | 16.19    | 16.00      | 1.56    | ppb   |
| Molybdenum | 97-1  | 5.41     | 5.72     | 5.51     | 5.55       | 2.87    | ppb   |
| Molybdenum | 98-1  | 5.42     | 5.52     | 5.47     | 5.47       | 0.90    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 228.81   | 226.62   | 228.09   | 227.84     | 0.49    | ppb   |
| Phosphorus | 31-2  | 4705.18  | 4606.58  | 4617.81  | 4643.19    | 1.16    | ppb   |
| Potassium  | 39-2  | 6876.56  | 6828.06  | 6888.85  | 6864.49    | 0.47    | ppb   |
| Rhodium    | 103-1 |          |          |          | 96         |         | %     |
| Rhodium    | 103-2 |          |          |          | 89         |         | %     |
| Scandium   | 45-1  |          |          |          | 115        |         | %     |
| Scandium   | 45-2  |          |          |          | 108        |         | %     |
| Selenium   | 77-2  | 58.51    | 54.72    | 56.07    | 56.43      | 3.41    | ppb   |
| Selenium   | 78-2  | 13.19    | 13.99    | 13.29    | 13.49      | 3.24    | ppb   |
| Selenium   | 82-1  | 4.18     | 3.69     | 4.50     | 4.12       | 9.88    | ppb   |
| Silicon    | 28-1  | 11797.04 | 11888.77 | 11789.23 | 11825.01   | 0.47    | ppb   |
| Silver     | 109-1 | 0.62     | 0.61     | 0.60     | 0.61       | 1.13    | ppb   |
| Silver     | 107-1 | 0.74     | 0.70     | 0.69     | 0.71       | 3.61    | ppb   |
| Sodium     | 23-2  | 661.09   | 646.49   | 660.79   | 656.12     | 1.27    | ppb   |
| Strontium  | 86-1  | 109.04   | 107.00   | 106.70   | 107.58     | 1.18    | ppb   |
| Strontium  | 88-1  | 108.19   | 106.71   | 106.79   | 107.23     | 0.78    | ppb   |
| Sulfur     | 34-1  | 3032.16  | 2993.62  | 2992.67  | 3006.15    | 0.75    | ppb   |
| Terbium    | 159-1 |          |          |          | 110        |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 0.69     | 0.77     | 0.72     | 0.73       | 5.50    | ppb   |
| Thallium   | 205-1 | 0.72     | 0.72     | 0.70     | 0.71       | 2.17    | ppb   |
| Thorium    | 232-1 | 30.83    | 30.76    | 30.78    | 30.79      | 0.12    | ppb   |
| Tin        | 118-1 | 2.57     | 2.57     | 2.35     | 2.50       | 5.04    | ppb   |
| Titanium   | 47-1  | 216.89   | 213.03   | 211.48   | 213.80     | 1.30    | ppb   |
| Uranium    | 238-1 | 4.14     | 4.13     | 4.14     | 4.14       | 0.14    | ppb   |
| Vanadium   | 51-2  | 178.10   | 174.51   | 179.88   | 177.49     | 1.54    | ppb   |
| Yttrium    | 89-1  |          |          |          | 143        |         | %     |
| Yttrium    | 89-2  |          |          |          | 134        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-12            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS010-1218-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:42:06 | DataFile Name :   | 086SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 913.61  | 897.55  | 918.32  | 909.82     | 1.20    | ppb   |
| Zirconium | 90-1 | 44.04   | 43.79   | 44.06   | 43.96      | 0.33    | ppb   |
| Zirconium | 91-1 | 44.10   | 44.35   | 44.52   | 44.32      | 0.48    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-13            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS010-1824-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:45:43 | DataFile Name :   | 087SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 141276.28 | 141255.68 | 141137.69 | 141223.22  | 0.05    | ppb   |
| Antimony   | 121-1 | 0.53      | 0.55      | 0.56      | 0.55       | 2.90    | ppb   |
| Arsenic    | 75-2  | 61.57     | 61.57     | 61.95     | 61.70      | 0.35    | ppb   |
| Barium     | 135-1 | 2187.38   | 2180.03   | 2171.31   | 2179.57    | 0.37    | ppb   |
| Barium     | 137-1 | 2252.83   | 2228.85   | 2243.13   | 2241.60    | 0.54    | ppb   |
| Beryllium  | 9-1   | 8.08      | 7.89      | 7.87      | 7.95       | 1.50    | ppb   |
| Bismuth    | 209-1 |           |           |           | 99         |         | %     |
| Bismuth    | 209-2 |           |           |           | 90         |         | %     |
| Boron      | 10-1  | 13.44     | 14.07     | 13.72     | 13.74      | 2.30    | ppb   |
| Boron      | 11-1  | 13.80     | 13.20     | 14.26     | 13.75      | 3.85    | ppb   |
| Cadmium    | 111-1 | 2.45      | 2.71      | 2.57      | 2.58       | 5.05    | ppb   |
| Cadmium    | 106-1 | 13.44     | 16.45     | 15.96     | 15.28      | 10.55   | ppb   |
| Cadmium    | 108-1 | 9.34      | 8.66      | 8.46      | 8.82       | 5.23    | ppb   |
| Calcium    | 43-1  | 19902.31  | 19666.64  | 19674.51  | 19747.82   | 0.68    | ppb   |
| Calcium    | 44-1  | 20475.57  | 20314.37  | 20306.05  | 20365.33   | 0.47    | ppb   |
| Chromium   | 52-2  | 276.02    | 277.60    | 278.44    | 277.35     | 0.44    | ppb   |
| Cobalt     | 59-2  | 112.71    | 112.42    | 112.56    | 112.57     | 0.13    | ppb   |
| Copper     | 63-2  | 382.09    | 380.38    | 379.63    | 380.70     | 0.33    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 109        |         | %     |
| Holmium    | 165-2 |           |           |           | 100        |         | %     |
| Indium     | 115-1 |           |           |           | 97         |         | %     |
| Indium     | 115-2 |           |           |           | 92         |         | %     |
| Iron       | 56-2  | 312369.66 | 311397.46 | 310889.55 | 311552.22  | 0.24    | ppb   |
| Iron       | 57-2  | 311583.77 | 310643.98 | 309864.04 | 310697.26  | 0.28    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 1734.38   | 1712.40   | 1695.55   | 1714.11    | 1.14    | ppb   |
| Lead       | 207-1 | 1588.95   | 1580.27   | 1566.15   | 1578.46    | 0.73    | ppb   |
| Lead       | 208-1 | 1640.57   | 1623.27   | 1613.95   | 1625.93    | 0.83    | ppb   |
| Lithium    | 6-1   |           |           |           | 98         |         | %     |
| Magnesium  | 24-2  | 52186.96  | 52179.86  | 52232.41  | 52199.74   | 0.05    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-13            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS010-1824-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:45:43 | DataFile Name :   | 087SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 11242.79 | 11117.67 | 11116.97 | 11159.14   | 0.65    | ppb   |
| Molybdenum | 94-1  | 68.10    | 69.41    | 67.89    | 68.47      | 1.20    | ppb   |
| Molybdenum | 95-1  | 6.48     | 6.80     | 6.45     | 6.58       | 2.97    | ppb   |
| Molybdenum | 96-1  | 16.34    | 16.22    | 16.40    | 16.32      | 0.55    | ppb   |
| Molybdenum | 97-1  | 6.49     | 6.62     | 6.33     | 6.48       | 2.19    | ppb   |
| Molybdenum | 98-1  | 6.52     | 6.45     | 6.43     | 6.46       | 0.73    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 267.21   | 267.78   | 269.39   | 268.13     | 0.42    | ppb   |
| Phosphorus | 31-2  | 5070.90  | 5128.01  | 5113.83  | 5104.25    | 0.58    | ppb   |
| Potassium  | 39-2  | 6492.16  | 6506.12  | 6490.71  | 6496.33    | 0.13    | ppb   |
| Rhodium    | 103-1 |          |          |          | 92         |         | %     |
| Rhodium    | 103-2 |          |          |          | 86         |         | %     |
| Scandium   | 45-1  |          |          |          | 111        |         | %     |
| Scandium   | 45-2  |          |          |          | 105        |         | %     |
| Selenium   | 77-2  | 58.58    | 66.51    | 62.02    | 62.37      | 6.38    | ppb   |
| Selenium   | 78-2  | 14.45    | 14.80    | 14.54    | 14.60      | 1.24    | ppb   |
| Selenium   | 82-1  | 4.25     | 4.22     | 4.26     | 4.25       | 0.46    | ppb   |
| Silicon    | 28-1  | 15663.89 | 15621.37 | 15506.93 | 15597.40   | 0.52    | ppb   |
| Silver     | 109-1 | 0.80     | 0.79     | 0.81     | 0.80       | 1.17    | ppb   |
| Silver     | 107-1 | 0.86     | 0.86     | 0.87     | 0.86       | 0.99    | ppb   |
| Sodium     | 23-2  | 776.89   | 767.29   | 773.74   | 772.64     | 0.63    | ppb   |
| Strontium  | 86-1  | 87.63    | 87.38    | 85.65    | 86.89      | 1.24    | ppb   |
| Strontium  | 88-1  | 87.63    | 86.93    | 86.12    | 86.89      | 0.87    | ppb   |
| Sulfur     | 34-1  | 2660.43  | 2626.30  | 2523.90  | 2603.54    | 2.73    | ppb   |
| Terbium    | 159-1 |          |          |          | 107        |         | %     |
| Terbium    | 159-2 |          |          |          | 99         |         | %     |
| Thallium   | 203-1 | 0.73     | 0.73     | 0.74     | 0.73       | 0.78    | ppb   |
| Thallium   | 205-1 | 0.81     | 0.74     | 0.72     | 0.76       | 6.41    | ppb   |
| Thorium    | 232-1 | 31.70    | 31.07    | 30.93    | 31.23      | 1.31    | ppb   |
| Tin        | 118-1 | 2.97     | 2.86     | 2.88     | 2.90       | 1.90    | ppb   |
| Titanium   | 47-1  | 284.60   | 281.29   | 280.55   | 282.15     | 0.76    | ppb   |
| Uranium    | 238-1 | 4.36     | 4.34     | 4.25     | 4.32       | 1.34    | ppb   |
| Vanadium   | 51-2  | 180.05   | 179.20   | 180.32   | 179.86     | 0.33    | ppb   |
| Yttrium    | 89-1  |          |          |          | 144        |         | %     |
| Yttrium    | 89-2  |          |          |          | 136        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-13            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS010-1824-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:45:43 | DataFile Name :   | 087SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 812.98  | 812.59  | 810.50  | 812.02     | 0.16    | ppb   |
| Zirconium | 90-1 | 41.37   | 41.11   | 40.74   | 41.07      | 0.77    | ppb   |
| Zirconium | 91-1 | 41.86   | 41.89   | 41.01   | 41.59      | 1.20    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-14            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS011-0006-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:49:21 | DataFile Name :   | 088SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 121475.36 | 121628.56 | 120940.84 | 121348.25  | 0.30    | ppb   |
| Antimony   | 121-1 | 0.50      | 0.46      | 0.48      | 0.48       | 4.26    | ppb   |
| Arsenic    | 75-2  | 41.38     | 42.00     | 41.02     | 41.47      | 1.19    | ppb   |
| Barium     | 135-1 | 1792.69   | 1778.70   | 1876.32   | 1815.90    | 2.91    | ppb   |
| Barium     | 137-1 | 1836.39   | 1829.99   | 1932.35   | 1866.24    | 3.07    | ppb   |
| Beryllium  | 9-1   | 6.86      | 6.58      | 7.02      | 6.82       | 3.30    | ppb   |
| Bismuth    | 209-1 |           |           |           | 101        |         | %     |
| Bismuth    | 209-2 |           |           |           | 90         |         | %     |
| Boron      | 10-1  | 11.94     | 12.31     | 12.52     | 12.26      | 2.38    | ppb   |
| Boron      | 11-1  | 11.62     | 11.98     | 12.19     | 11.93      | 2.39    | ppb   |
| Cadmium    | 111-1 | 1.52      | 1.60      | 1.67      | 1.59       | 4.55    | ppb   |
| Cadmium    | 106-1 | 6.51      | 7.08      | 6.54      | 6.71       | 4.79    | ppb   |
| Cadmium    | 108-1 | 4.29      | 4.45      | 4.03      | 4.26       | 4.97    | ppb   |
| Calcium    | 43-1  | 14538.16  | 14419.29  | 15080.68  | 14679.38   | 2.40    | ppb   |
| Calcium    | 44-1  | 14801.52  | 14753.08  | 15591.18  | 15048.60   | 3.13    | ppb   |
| Chromium   | 52-2  | 124.70    | 124.94    | 124.75    | 124.80     | 0.10    | ppb   |
| Cobalt     | 59-2  | 98.74     | 99.55     | 99.51     | 99.27      | 0.46    | ppb   |
| Copper     | 63-2  | 173.13    | 174.08    | 173.53    | 173.58     | 0.28    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 109        |         | %     |
| Holmium    | 165-2 |           |           |           | 99         |         | %     |
| Indium     | 115-1 |           |           |           | 97         |         | %     |
| Indium     | 115-2 |           |           |           | 91         |         | %     |
| Iron       | 56-2  | 244870.42 | 243993.71 | 242962.02 | 243942.05  | 0.39    | ppb   |
| Iron       | 57-2  | 244211.21 | 243447.92 | 242949.64 | 243536.26  | 0.26    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 374.93    | 371.85    | 393.32    | 380.03     | 3.06    | ppb   |
| Lead       | 207-1 | 342.73    | 342.40    | 360.19    | 348.44     | 2.92    | ppb   |
| Lead       | 208-1 | 355.60    | 354.63    | 374.21    | 361.48     | 3.05    | ppb   |
| Lithium    | 6-1   |           |           |           | 96         |         | %     |
| Magnesium  | 24-2  | 35588.02  | 35661.99  | 35359.09  | 35536.37   | 0.44    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-14            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS011-0006-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:49:21 | DataFile Name :   | 088SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 14477.33 | 14530.92 | 14405.91 | 14471.39   | 0.43    | ppb   |
| Molybdenum | 94-1  | 38.02    | 37.89    | 39.24    | 38.38      | 1.94    | ppb   |
| Molybdenum | 95-1  | 3.39     | 3.35     | 3.46     | 3.40       | 1.60    | ppb   |
| Molybdenum | 96-1  | 9.06     | 8.98     | 9.57     | 9.20       | 3.46    | ppb   |
| Molybdenum | 97-1  | 3.10     | 3.05     | 3.26     | 3.14       | 3.50    | ppb   |
| Molybdenum | 98-1  | 3.16     | 3.09     | 3.30     | 3.19       | 3.37    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 174.13   | 172.34   | 175.07   | 173.85     | 0.80    | ppb   |
| Phosphorus | 31-2  | 4897.64  | 4966.23  | 4800.93  | 4888.27    | 1.70    | ppb   |
| Potassium  | 39-2  | 3775.57  | 3794.41  | 3764.03  | 3778.00    | 0.41    | ppb   |
| Rhodium    | 103-1 |          |          |          | 93         |         | %     |
| Rhodium    | 103-2 |          |          |          | 87         |         | %     |
| Scandium   | 45-1  |          |          |          | 105        |         | %     |
| Scandium   | 45-2  |          |          |          | 97         |         | %     |
| Selenium   | 77-2  | 42.98    | 43.30    | 43.78    | 43.35      | 0.93    | ppb   |
| Selenium   | 78-2  | 10.06    | 10.31    | 11.13    | 10.50      | 5.31    | ppb   |
| Selenium   | 82-1  | 3.51     | 3.23     | 2.93     | 3.22       | 9.00    | ppb   |
| Silicon    | 28-1  | 15317.77 | 15260.62 | 16162.27 | 15580.22   | 3.24    | ppb   |
| Silver     | 109-1 | 0.35     | 0.30     | 0.39     | 0.35       | 13.35   | ppb   |
| Silver     | 107-1 | 0.37     | 0.37     | 0.38     | 0.37       | 1.50    | ppb   |
| Sodium     | 23-2  | 637.11   | 624.00   | 631.85   | 630.99     | 1.05    | ppb   |
| Strontium  | 86-1  | 91.84    | 91.19    | 97.24    | 93.42      | 3.55    | ppb   |
| Strontium  | 88-1  | 92.81    | 91.23    | 96.23    | 93.42      | 2.74    | ppb   |
| Sulfur     | 34-1  | 1266.31  | 1342.93  | 1696.42  | 1435.22    | 15.99   | ppb   |
| Terbium    | 159-1 |          |          |          | 107        |         | %     |
| Terbium    | 159-2 |          |          |          | 99         |         | %     |
| Thallium   | 203-1 | 0.81     | 0.80     | 0.83     | 0.81       | 1.86    | ppb   |
| Thallium   | 205-1 | 0.83     | 0.79     | 0.83     | 0.82       | 2.54    | ppb   |
| Thorium    | 232-1 | 15.13    | 15.08    | 15.99    | 15.40      | 3.30    | ppb   |
| Tin        | 118-1 | 1.08     | 1.01     | 1.04     | 1.04       | 3.27    | ppb   |
| Titanium   | 47-1  | 157.46   | 157.71   | 165.89   | 160.35     | 2.99    | ppb   |
| Uranium    | 238-1 | 2.76     | 2.67     | 2.86     | 2.76       | 3.45    | ppb   |
| Vanadium   | 51-2  | 168.64   | 168.76   | 168.51   | 168.64     | 0.07    | ppb   |
| Yttrium    | 89-1  |          |          |          | 126        |         | %     |
| Yttrium    | 89-2  |          |          |          | 116        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-14            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS011-0006-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:49:21 | DataFile Name :   | 088SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 551.91  | 550.22  | 546.52  | 549.55     | 0.50    | ppb   |
| Zirconium | 90-1 | 23.13   | 22.93   | 23.91   | 23.32      | 2.20    | ppb   |
| Zirconium | 91-1 | 23.44   | 23.29   | 24.56   | 23.76      | 2.92    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-15            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS011-0612-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:53:00 | DataFile Name :   | 089SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 133956.41 | 132634.10 | 132360.17 | 132983.56  | 0.64    | ppb   |
| Antimony   | 121-1 | 0.39      | 0.37      | 0.37      | 0.38       | 3.00    | ppb   |
| Arsenic    | 75-2  | 42.58     | 42.57     | 43.34     | 42.83      | 1.03    | ppb   |
| Barium     | 135-1 | 1381.46   | 1361.51   | 1364.85   | 1369.27    | 0.78    | ppb   |
| Barium     | 137-1 | 1376.61   | 1378.41   | 1368.55   | 1374.52    | 0.38    | ppb   |
| Beryllium  | 9-1   | 6.32      | 6.38      | 6.68      | 6.46       | 3.01    | ppb   |
| Bismuth    | 209-1 |           |           |           | 99         |         | %     |
| Bismuth    | 209-2 |           |           |           | 88         |         | %     |
| Boron      | 10-1  | 11.38     | 11.21     | 11.25     | 11.28      | 0.78    | ppb   |
| Boron      | 11-1  | 11.10     | 11.33     | 11.29     | 11.24      | 1.08    | ppb   |
| Cadmium    | 111-1 | 1.33      | 1.24      | 1.24      | 1.27       | 3.93    | ppb   |
| Cadmium    | 106-1 | 8.25      | 6.84      | 7.59      | 7.56       | 9.34    | ppb   |
| Cadmium    | 108-1 | 4.29      | 3.84      | 4.44      | 4.19       | 7.36    | ppb   |
| Calcium    | 43-1  | 5803.75   | 5689.53   | 5693.83   | 5729.04    | 1.13    | ppb   |
| Calcium    | 44-1  | 5854.18   | 5834.51   | 5809.87   | 5832.85    | 0.38    | ppb   |
| Chromium   | 52-2  | 136.15    | 134.02    | 132.97    | 134.38     | 1.20    | ppb   |
| Cobalt     | 59-2  | 92.59     | 91.47     | 91.06     | 91.71      | 0.87    | ppb   |
| Copper     | 63-2  | 169.70    | 168.49    | 168.26    | 168.82     | 0.46    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 107        |         | %     |
| Holmium    | 165-2 |           |           |           | 97         |         | %     |
| Indium     | 115-1 |           |           |           | 96         |         | %     |
| Indium     | 115-2 |           |           |           | 90         |         | %     |
| Iron       | 56-2  | 252849.51 | 249731.98 | 249694.14 | 250758.55  | 0.72    | ppb   |
| Iron       | 57-2  | 252650.02 | 250897.73 | 248762.65 | 250770.13  | 0.78    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 416.78    | 410.65    | 415.67    | 414.37     | 0.79    | ppb   |
| Lead       | 207-1 | 379.42    | 376.81    | 379.26    | 378.50     | 0.39    | ppb   |
| Lead       | 208-1 | 394.88    | 389.87    | 393.23    | 392.66     | 0.65    | ppb   |
| Lithium    | 6-1   |           |           |           | 94         |         | %     |
| Magnesium  | 24-2  | 40290.30  | 39882.59  | 39710.43  | 39961.11   | 0.75    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-15            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS011-0612-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:53:00 | DataFile Name :   | 089SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 8606.55  | 8537.03  | 8503.98  | 8549.19    | 0.61    | ppb   |
| Molybdenum | 94-1  | 38.34    | 37.65    | 37.70    | 37.90      | 1.01    | ppb   |
| Molybdenum | 95-1  | 3.35     | 3.31     | 3.24     | 3.30       | 1.65    | ppb   |
| Molybdenum | 96-1  | 9.27     | 9.20     | 9.32     | 9.26       | 0.67    | ppb   |
| Molybdenum | 97-1  | 3.32     | 3.13     | 3.25     | 3.24       | 2.97    | ppb   |
| Molybdenum | 98-1  | 3.10     | 3.17     | 3.20     | 3.15       | 1.58    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 181.17   | 181.20   | 178.19   | 180.19     | 0.96    | ppb   |
| Phosphorus | 31-2  | 3596.14  | 3579.31  | 3480.95  | 3552.13    | 1.75    | ppb   |
| Potassium  | 39-2  | 3875.07  | 3799.30  | 3803.48  | 3825.95    | 1.11    | ppb   |
| Rhodium    | 103-1 |          |          |          | 91         |         | %     |
| Rhodium    | 103-2 |          |          |          | 85         |         | %     |
| Scandium   | 45-1  |          |          |          | 104        |         | %     |
| Scandium   | 45-2  |          |          |          | 96         |         | %     |
| Selenium   | 77-2  | 47.99    | 42.93    | 49.69    | 46.87      | 7.50    | ppb   |
| Selenium   | 78-2  | 11.61    | 10.98    | 12.77    | 11.79      | 7.71    | ppb   |
| Selenium   | 82-1  | 3.61     | 3.85     | 3.55     | 3.67       | 4.30    | ppb   |
| Silicon    | 28-1  | 15609.30 | 15421.80 | 15386.14 | 15472.41   | 0.77    | ppb   |
| Silver     | 109-1 | 0.36     | 0.37     | 0.37     | 0.36       | 1.69    | ppb   |
| Silver     | 107-1 | 0.43     | 0.45     | 0.44     | 0.44       | 2.00    | ppb   |
| Sodium     | 23-2  | 698.91   | 697.98   | 684.77   | 693.89     | 1.14    | ppb   |
| Strontium  | 86-1  | 44.35    | 44.54    | 44.08    | 44.32      | 0.53    | ppb   |
| Strontium  | 88-1  | 44.78    | 44.51    | 44.23    | 44.51      | 0.61    | ppb   |
| Sulfur     | 34-1  | 294.20   | 163.95   | 224.67   | 227.61     | 28.63   | ppb   |
| Terbium    | 159-1 |          |          |          | 105        |         | %     |
| Terbium    | 159-2 |          |          |          | 97         |         | %     |
| Thallium   | 203-1 | 0.92     | 0.92     | 0.92     | 0.92       | 0.30    | ppb   |
| Thallium   | 205-1 | 0.97     | 0.96     | 0.97     | 0.97       | 0.55    | ppb   |
| Thorium    | 232-1 | 21.26    | 21.04    | 21.14    | 21.15      | 0.52    | ppb   |
| Tin        | 118-1 | 1.25     | 1.28     | 1.33     | 1.29       | 3.27    | ppb   |
| Titanium   | 47-1  | 189.85   | 190.07   | 191.69   | 190.53     | 0.53    | ppb   |
| Uranium    | 238-1 | 3.17     | 3.16     | 3.17     | 3.16       | 0.25    | ppb   |
| Vanadium   | 51-2  | 177.73   | 175.39   | 175.33   | 176.15     | 0.78    | ppb   |
| Yttrium    | 89-1  |          |          |          | 127        |         | %     |
| Yttrium    | 89-2  |          |          |          | 118        |         | %     |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-15            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS011-0612-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:53:00 | DataFile Name :   | 089SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 577.58  | 569.82  | 569.95  | 572.45     | 0.78    | ppb   |
| Zirconium | 90-1 | 23.08   | 22.93   | 23.14   | 23.05      | 0.47    | ppb   |
| Zirconium | 91-1 | 22.77   | 23.35   | 23.79   | 23.30      | 2.20    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-16            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS011-1218-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:56:39 | DataFile Name :   | 090SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 137567.34 | 136028.65 | 135293.51 | 136296.50  | 0.85    | ppb   |
| Antimony   | 121-1 | 0.33      | 0.33      | 0.35      | 0.34       | 2.76    | ppb   |
| Arsenic    | 75-2  | 49.75     | 50.21     | 50.27     | 50.08      | 0.57    | ppb   |
| Barium     | 135-1 | 1043.92   | 1038.45   | 1044.57   | 1042.31    | 0.32    | ppb   |
| Barium     | 137-1 | 1043.54   | 1035.56   | 1038.85   | 1039.32    | 0.39    | ppb   |
| Beryllium  | 9-1   | 6.04      | 5.91      | 5.75      | 5.90       | 2.40    | ppb   |
| Bismuth    | 209-1 |           |           |           | 99         |         | %     |
| Bismuth    | 209-2 |           |           |           | 90         |         | %     |
| Boron      | 10-1  | 10.17     | 10.51     | 9.68      | 10.12      | 4.13    | ppb   |
| Boron      | 11-1  | 9.73      | 9.88      | 9.77      | 9.79       | 0.78    | ppb   |
| Cadmium    | 111-1 | 0.69      | 0.59      | 0.77      | 0.68       | 13.39   | ppb   |
| Cadmium    | 106-1 | 5.05      | 4.16      | 5.76      | 4.99       | 16.05   | ppb   |
| Cadmium    | 108-1 | 3.43      | 3.34      | 3.13      | 3.30       | 4.61    | ppb   |
| Calcium    | 43-1  | 3779.26   | 3781.99   | 3789.51   | 3783.58    | 0.14    | ppb   |
| Calcium    | 44-1  | 3800.86   | 3789.39   | 3797.84   | 3796.03    | 0.16    | ppb   |
| Chromium   | 52-2  | 138.77    | 137.67    | 137.65    | 138.03     | 0.47    | ppb   |
| Cobalt     | 59-2  | 76.42     | 76.46     | 76.28     | 76.39      | 0.13    | ppb   |
| Copper     | 63-2  | 149.84    | 148.57    | 148.26    | 148.89     | 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 |           |           |           | 107        |         | %     |
| Holmium    | 165-2 |           |           |           | 98         |         | %     |
| Indium     | 115-1 |           |           |           | 96         |         | %     |
| Indium     | 115-2 |           |           |           | 91         |         | %     |
| Iron       | 56-2  | 264710.11 | 263308.27 | 261973.19 | 263330.53  | 0.52    | ppb   |
| Iron       | 57-2  | 262937.80 | 261966.08 | 260892.77 | 261932.22  | 0.39    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 330.46    | 324.98    | 325.87    | 327.10     | 0.90    | ppb   |
| Lead       | 207-1 | 302.14    | 295.33    | 297.70    | 298.39     | 1.16    | ppb   |
| Lead       | 208-1 | 313.16    | 307.75    | 307.86    | 309.59     | 1.00    | ppb   |
| Lithium    | 6-1   |           |           |           | 94         |         | %     |
| Magnesium  | 24-2  | 42072.91  | 41431.74  | 41324.52  | 41609.72   | 0.97    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-16            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS011-1218-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:56:39 | DataFile Name :   | 090SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 5827.35  | 5809.73  | 5756.29  | 5797.79    | 0.64    | ppb   |
| Molybdenum | 94-1  | 32.23    | 31.46    | 31.53    | 31.74      | 1.33    | ppb   |
| Molybdenum | 95-1  | 3.15     | 3.06     | 2.99     | 3.07       | 2.52    | ppb   |
| Molybdenum | 96-1  | 8.53     | 8.76     | 8.48     | 8.59       | 1.71    | ppb   |
| Molybdenum | 97-1  | 2.98     | 2.93     | 2.95     | 2.95       | 0.79    | ppb   |
| Molybdenum | 98-1  | 3.00     | 2.90     | 2.86     | 2.92       | 2.56    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 169.74   | 171.29   | 168.97   | 170.00     | 0.70    | ppb   |
| Phosphorus | 31-2  | 3846.02  | 3899.18  | 3799.26  | 3848.15    | 1.30    | ppb   |
| Potassium  | 39-2  | 3302.11  | 3324.67  | 3285.98  | 3304.26    | 0.59    | ppb   |
| Rhodium    | 103-1 |          |          |          | 92         |         | %     |
| Rhodium    | 103-2 |          |          |          | 86         |         | %     |
| Scandium   | 45-1  |          |          |          | 101        |         | %     |
| Scandium   | 45-2  |          |          |          | 96         |         | %     |
| Selenium   | 77-2  | 42.85    | 42.74    | 43.43    | 43.01      | 0.86    | ppb   |
| Selenium   | 78-2  | 9.41     | 9.57     | 11.19    | 10.06      | 9.80    | ppb   |
| Selenium   | 82-1  | 3.54     | 3.16     | 3.48     | 3.40       | 5.99    | ppb   |
| Silicon    | 28-1  | 15015.84 | 14917.87 | 14949.41 | 14961.04   | 0.33    | ppb   |
| Silver     | 109-1 | 0.33     | 0.32     | 0.30     | 0.32       | 4.60    | ppb   |
| Silver     | 107-1 | 0.32     | 0.35     | 0.35     | 0.34       | 5.13    | ppb   |
| Sodium     | 23-2  | 751.90   | 748.64   | 734.90   | 745.15     | 1.21    | ppb   |
| Strontium  | 86-1  | 31.02    | 30.76    | 30.96    | 30.91      | 0.44    | ppb   |
| Strontium  | 88-1  | 31.19    | 30.99    | 30.93    | 31.04      | 0.44    | ppb   |
| Sulfur     | 34-1  | 38.78    | -101.60  | -2.90    | -21.91     |         | ppb   |
| Terbium    | 159-1 |          |          |          | 105        |         | %     |
| Terbium    | 159-2 |          |          |          | 98         |         | %     |
| Thallium   | 203-1 | 1.08     | 1.06     | 0.99     | 1.04       | 4.73    | ppb   |
| Thallium   | 205-1 | 1.09     | 1.08     | 1.02     | 1.06       | 3.72    | ppb   |
| Thorium    | 232-1 | 20.33    | 20.01    | 19.99    | 20.11      | 0.94    | ppb   |
| Tin        | 118-1 | 1.03     | 1.03     | 0.98     | 1.01       | 2.82    | ppb   |
| Titanium   | 47-1  | 167.63   | 168.39   | 165.98   | 167.33     | 0.74    | ppb   |
| Uranium    | 238-1 | 3.04     | 3.00     | 3.01     | 3.02       | 0.61    | ppb   |
| Vanadium   | 51-2  | 179.26   | 178.08   | 175.86   | 177.73     | 0.97    | ppb   |
| Yttrium    | 89-1  |          |          |          | 120        |         | %     |
| Yttrium    | 89-2  |          |          |          | 113        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-16            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS011-1218-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:56:39 | DataFile Name :   | 090SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 596.74  | 591.26  | 587.22  | 591.74     | 0.81    | ppb   |
| Zirconium | 90-1 | 19.50   | 19.45   | 19.28   | 19.41      | 0.59    | ppb   |
| Zirconium | 91-1 | 19.97   | 19.36   | 19.80   | 19.71      | 1.62    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-17            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS011-1824-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 18:00:18 | DataFile Name :   | 091SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 134079.39 | 133314.81 | 132923.87 | 133439.36  | 0.44    | ppb   |
| Antimony   | 121-1 | 0.26      | 0.22      | 0.21      | 0.23       | 10.32   | ppb   |
| Arsenic    | 75-2  | 47.06     | 47.18     | 48.41     | 47.55      | 1.57    | ppb   |
| Barium     | 135-1 | 1327.69   | 1315.56   | 1301.54   | 1314.93    | 1.00    | ppb   |
| Barium     | 137-1 | 1321.68   | 1308.10   | 1304.56   | 1311.45    | 0.69    | ppb   |
| Beryllium  | 9-1   | 6.13      | 6.17      | 5.93      | 6.08       | 2.12    | ppb   |
| Bismuth    | 209-1 |           |           |           | 100        |         | %     |
| Bismuth    | 209-2 |           |           |           | 89         |         | %     |
| Boron      | 10-1  | 9.32      | 10.15     | 9.86      | 9.78       | 4.29    | ppb   |
| Boron      | 11-1  | 9.01      | 9.53      | 9.75      | 9.43       | 4.04    | ppb   |
| Cadmium    | 111-1 | 0.60      | 0.72      | 0.72      | 0.68       | 9.57    | ppb   |
| Cadmium    | 106-1 | 3.56      | 4.45      | 4.57      | 4.19       | 13.06   | ppb   |
| Cadmium    | 108-1 | 3.13      | 2.52      | 3.56      | 3.07       | 17.11   | ppb   |
| Calcium    | 43-1  | 3745.39   | 3756.89   | 3765.86   | 3756.05    | 0.27    | ppb   |
| Calcium    | 44-1  | 3822.34   | 3807.82   | 3800.41   | 3810.19    | 0.29    | ppb   |
| Chromium   | 52-2  | 131.44    | 132.35    | 130.13    | 131.31     | 0.85    | ppb   |
| Cobalt     | 59-2  | 77.10     | 77.44     | 77.28     | 77.27      | 0.22    | ppb   |
| Copper     | 63-2  | 208.64    | 210.24    | 207.17    | 208.68     | 0.74    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 107        |         | %     |
| Holmium    | 165-2 |           |           |           | 98         |         | %     |
| Indium     | 115-1 |           |           |           | 96         |         | %     |
| Indium     | 115-2 |           |           |           | 91         |         | %     |
| Iron       | 56-2  | 265163.97 | 264051.08 | 264659.63 | 264624.89  | 0.21    | ppb   |
| Iron       | 57-2  | 264227.33 | 264976.33 | 263440.74 | 264214.80  | 0.29    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 234.01    | 233.40    | 232.99    | 233.46     | 0.22    | ppb   |
| Lead       | 207-1 | 215.20    | 214.12    | 215.12    | 214.81     | 0.28    | ppb   |
| Lead       | 208-1 | 223.07    | 221.45    | 221.76    | 222.09     | 0.39    | ppb   |
| Lithium    | 6-1   |           |           |           | 93         |         | %     |
| Magnesium  | 24-2  | 41198.60  | 41391.50  | 41023.84  | 41204.65   | 0.45    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-17            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS011-1824-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 18:00:18 | DataFile Name :   | 091SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 7710.75  | 7656.33  | 7618.23  | 7661.77    | 0.61    | ppb   |
| Molybdenum | 94-1  | 32.12    | 31.95    | 31.55    | 31.87      | 0.92    | ppb   |
| Molybdenum | 95-1  | 3.15     | 3.12     | 3.17     | 3.15       | 0.81    | ppb   |
| Molybdenum | 96-1  | 8.46     | 8.71     | 8.48     | 8.55       | 1.66    | ppb   |
| Molybdenum | 97-1  | 3.06     | 3.01     | 3.10     | 3.06       | 1.38    | ppb   |
| Molybdenum | 98-1  | 3.03     | 3.05     | 2.95     | 3.01       | 1.75    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 177.64   | 179.37   | 177.82   | 178.28     | 0.53    | ppb   |
| Phosphorus | 31-2  | 3314.30  | 3420.00  | 3314.89  | 3349.73    | 1.82    | ppb   |
| Potassium  | 39-2  | 2909.58  | 2884.24  | 2910.67  | 2901.50    | 0.52    | ppb   |
| Rhodium    | 103-1 |          |          |          | 92         |         | %     |
| Rhodium    | 103-2 |          |          |          | 86         |         | %     |
| Scandium   | 45-1  |          |          |          | 102        |         | %     |
| Scandium   | 45-2  |          |          |          | 96         |         | %     |
| Selenium   | 77-2  | 36.72    | 41.05    | 41.49    | 39.75      | 6.64    | ppb   |
| Selenium   | 78-2  | 8.06     | 9.75     | 8.19     | 8.67       | 10.80   | ppb   |
| Selenium   | 82-1  | 2.93     | 3.20     | 2.69     | 2.94       | 8.55    | ppb   |
| Silicon    | 28-1  | 14673.55 | 14558.30 | 14555.64 | 14595.83   | 0.46    | ppb   |
| Silver     | 109-1 | 0.32     | 0.30     | 0.30     | 0.30       | 3.38    | ppb   |
| Silver     | 107-1 | 0.32     | 0.33     | 0.33     | 0.33       | 1.67    | ppb   |
| Sodium     | 23-2  | 835.06   | 834.00   | 834.44   | 834.50     | 0.06    | ppb   |
| Strontium  | 86-1  | 33.59    | 33.28    | 32.97    | 33.28      | 0.92    | ppb   |
| Strontium  | 88-1  | 33.57    | 33.46    | 33.22    | 33.42      | 0.54    | ppb   |
| Sulfur     | 34-1  | -144.73  | -231.78  | -240.41  | -205.64    |         | ppb   |
| Terbium    | 159-1 |          |          |          | 106        |         | %     |
| Terbium    | 159-2 |          |          |          | 98         |         | %     |
| Thallium   | 203-1 | 0.91     | 0.92     | 0.96     | 0.93       | 2.96    | ppb   |
| Thallium   | 205-1 | 0.92     | 0.92     | 0.94     | 0.92       | 1.26    | ppb   |
| Thorium    | 232-1 | 21.43    | 21.39    | 21.23    | 21.35      | 0.50    | ppb   |
| Tin        | 118-1 | 0.59     | 0.64     | 0.60     | 0.61       | 4.21    | ppb   |
| Titanium   | 47-1  | 154.77   | 156.24   | 157.73   | 156.25     | 0.95    | ppb   |
| Uranium    | 238-1 | 2.88     | 2.86     | 2.87     | 2.87       | 0.36    | ppb   |
| Vanadium   | 51-2  | 165.50   | 166.86   | 164.97   | 165.78     | 0.59    | ppb   |
| Yttrium    | 89-1  |          |          |          | 121        |         | %     |
| Yttrium    | 89-2  |          |          |          | 114        |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-17            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS011-1824-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 18:00:18 | DataFile Name :   | 091SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 556.72  | 558.34  | 556.07  | 557.05     | 0.21    | ppb   |
| Zirconium | 90-1 | 19.26   | 19.14   | 19.09   | 19.17      | 0.46    | ppb   |
| Zirconium | 91-1 | 19.64   | 19.19   | 19.15   | 19.33      | 1.41    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100071            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV30               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV30               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-12-27 18:19:18 | DataFile Name :   | 092CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 51013.76  | 50710.80  | 50760.84  | 50828.47   | 0.32    | ppb   |
| Antimony   | 121-1 | 477.45    | 468.84    | 469.23    | 471.84     | 1.03    | ppb   |
| Arsenic    | 75-2  | 476.61    | 474.48    | 476.14    | 475.74     | 0.24    | ppb   |
| Barium     | 135-1 | 2476.75   | 2454.54   | 2447.60   | 2459.63    | 0.62    | ppb   |
| Barium     | 137-1 | 2521.04   | 2504.43   | 2503.28   | 2509.58    | 0.40    | ppb   |
| Beryllium  | 9-1   | 510.39    | 506.77    | 507.85    | 508.34     | 0.37    | ppb   |
| Bismuth    | 209-1 |           |           |           | 86         |         | %     |
| Bismuth    | 209-2 |           |           |           | 81         |         | %     |
| Boron      | 10-1  | 483.77    | 493.96    | 500.89    | 492.87     | 1.75    | ppb   |
| Boron      | 11-1  | 484.30    | 492.56    | 493.76    | 490.21     | 1.05    | ppb   |
| Cadmium    | 111-1 | 473.99    | 465.39    | 469.61    | 469.66     | 0.92    | ppb   |
| Cadmium    | 106-1 | 485.56    | 472.64    | 476.58    | 478.26     | 1.39    | ppb   |
| Cadmium    | 108-1 | 483.21    | 475.22    | 475.93    | 478.12     | 0.93    | ppb   |
| Calcium    | 43-1  | 245348.26 | 244254.51 | 245235.17 | 244945.98  | 0.25    | ppb   |
| Calcium    | 44-1  | 247333.96 | 245578.45 | 245711.04 | 246207.82  | 0.40    | ppb   |
| Chromium   | 52-2  | 500.27    | 502.18    | 499.28    | 500.58     | 0.29    | ppb   |
| Cobalt     | 59-2  | 494.21    | 488.57    | 490.30    | 491.03     | 0.59    | ppb   |
| Copper     | 63-2  | 974.77    | 971.60    | 968.10    | 971.49     | 0.34    | 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 |           |           |           | 94         |         | %     |
| Indium     | 115-1 |           |           |           | 86         |         | %     |
| Indium     | 115-2 |           |           |           | 83         |         | %     |
| Iron       | 56-2  | 132806.08 | 131734.11 | 131588.79 | 132043.00  | 0.50    | ppb   |
| Iron       | 57-2  | 132830.08 | 131771.88 | 131960.25 | 132187.40  | 0.43    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 531.14    | 522.24    | 526.24    | 526.54     | 0.85    | ppb   |
| Lead       | 207-1 | 525.35    | 517.76    | 522.46    | 521.86     | 0.73    | ppb   |
| Lead       | 208-1 | 530.47    | 526.26    | 530.64    | 529.12     | 0.47    | ppb   |
| Lithium    | 6-1   |           |           |           | 80         |         | %     |
| Magnesium  | 24-2  | 247512.76 | 246826.03 | 246795.90 | 247044.89  | 0.16    | ppb   |



|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100071            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV30               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV30               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-12-27 18:19:18 | DataFile Name :   | 092CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 998.39    | 993.29    | 993.06    | 994.91     | 0.30    | ppb   |
| Molybdenum | 94-1  | 2506.93   | 2490.50   | 2493.59   | 2497.01    | 0.35    | ppb   |
| Molybdenum | 95-1  | 2506.65   | 2495.25   | 2491.58   | 2497.82    | 0.31    | ppb   |
| Molybdenum | 96-1  | 2521.00   | 2508.63   | 2510.91   | 2513.51    | 0.26    | ppb   |
| Molybdenum | 97-1  | 2510.54   | 2498.68   | 2505.76   | 2504.99    | 0.24    | ppb   |
| Molybdenum | 98-1  | 2524.16   | 2504.55   | 2499.75   | 2509.49    | 0.52    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 484.52    | 484.61    | 485.76    | 484.96     | 0.14    | ppb   |
| Phosphorus | 31-2  | 10089.92  | 9784.62   | 9857.52   | 9910.69    | 1.61    | ppb   |
| Potassium  | 39-2  | 128964.23 | 128758.89 | 128326.71 | 128683.28  | 0.25    | ppb   |
| Rhodium    | 103-1 |           |           |           | 81         |         | %     |
| Rhodium    | 103-2 |           |           |           | 76         |         | %     |
| Scandium   | 45-1  |           |           |           | 86         |         | %     |
| Scandium   | 45-2  |           |           |           | 83         |         | %     |
| Selenium   | 77-2  | 482.52    | 465.80    | 449.91    | 466.08     | 3.50    | ppb   |
| Selenium   | 78-2  | 473.17    | 479.92    | 486.38    | 479.82     | 1.38    | ppb   |
| Selenium   | 82-1  | 464.18    | 460.32    | 459.16    | 461.22     | 0.57    | ppb   |
| Silicon    | 28-1  | 506.99    | 514.30    | 520.52    | 513.94     | 1.32    | ppb   |
| Silver     | 109-1 | 466.59    | 456.40    | 454.96    | 459.32     | 1.38    | ppb   |
| Silver     | 107-1 | 470.41    | 460.75    | 456.63    | 462.60     | 1.53    | ppb   |
| Sodium     | 23-2  | 246054.26 | 245029.26 | 244106.03 | 245063.19  | 0.40    | ppb   |
| Strontium  | 86-1  | 499.72    | 492.48    | 491.05    | 494.42     | 0.94    | ppb   |
| Strontium  | 88-1  | 506.35    | 500.62    | 500.50    | 502.49     | 0.67    | ppb   |
| Sulfur     | 34-1  | 10101.50  | 9914.19   | 9908.92   | 9974.87    | 1.10    | ppb   |
| Terbium    | 159-1 |           |           |           | 99         |         | %     |
| Terbium    | 159-2 |           |           |           | 92         |         | %     |
| Thallium   | 203-1 | 525.88    | 520.86    | 523.55    | 523.43     | 0.48    | ppb   |
| Thallium   | 205-1 | 550.99    | 543.12    | 548.29    | 547.47     | 0.73    | ppb   |
| Thorium    | 232-1 | 535.55    | 537.06    | 537.74    | 536.78     | 0.21    | ppb   |
| Tin        | 118-1 | 473.29    | 467.81    | 467.89    | 469.66     | 0.67    | ppb   |
| Titanium   | 47-1  | 2506.22   | 2489.83   | 2470.60   | 2488.88    | 0.72    | ppb   |
| Uranium    | 238-1 | 518.29    | 520.86    | 522.78    | 520.64     | 0.43    | ppb   |
| Vanadium   | 51-2  | 510.17    | 506.38    | 504.83    | 507.13     | 0.54    | ppb   |
| Yttrium    | 89-1  |           |           |           | 90         |         | %     |
| Yttrium    | 89-2  |           |           |           | 86         |         | %     |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100071            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV30               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV30               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-12-27 18:19:18 | DataFile Name :   | 092CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 971.93  | 964.69  | 964.62  | 967.08     | 0.43    | ppb   |
| Zirconium | 90-1 | 507.35  | 501.92  | 502.08  | 503.78     | 0.61    | ppb   |
| Zirconium | 91-1 | 496.61  | 495.66  | 492.09  | 494.79     | 0.48    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB30               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB30               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 18:23:05 | DataFile Name :   | 093CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.90    | 1.64    | 1.71    | 1.75       | 7.76    | ppb   |
| Antimony   | 121-1 | 0.13    | 0.15    | 0.13    | 0.14       | 9.06    | ppb   |
| Arsenic    | 75-2  | 0.03    | 0.05    | 0.05    | 0.04       | 18.58   | ppb   |
| Barium     | 135-1 | 0.11    | 0.09    | 0.09    | 0.10       | 11.37   | ppb   |
| Barium     | 137-1 | 0.13    | 0.09    | 0.11    | 0.11       | 19.72   | ppb   |
| Beryllium  | 9-1   | 0.06    | 0.09    | 0.05    | 0.07       | 28.25   | ppb   |
| Bismuth    | 209-1 |         |         |         | 108        |         | %     |
| Bismuth    | 209-2 |         |         |         | 97         |         | %     |
| Boron      | 10-1  | 7.22    | 7.19    | 6.34    | 6.92       | 7.27    | ppb   |
| Boron      | 11-1  | 6.96    | 6.79    | 5.87    | 6.54       | 8.95    | ppb   |
| Cadmium    | 111-1 | -0.14   | -0.23   | -0.26   | -0.21      |         | ppb   |
| Cadmium    | 106-1 | -1.99   | -3.54   | -3.61   | -3.05      |         | ppb   |
| Cadmium    | 108-1 | 0.05    | -0.08   | -0.06   | -0.03      |         | ppb   |
| Calcium    | 43-1  | 9.57    | 5.78    | 5.34    | 6.90       | 33.71   | ppb   |
| Calcium    | 44-1  | 8.72    | 7.53    | 6.22    | 7.49       | 16.65   | ppb   |
| Chromium   | 52-2  | -0.06   | -0.03   | -0.06   | -0.05      |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.00    | 0.00    | 0.00       | 878.54  | ppb   |
| Copper     | 63-2  | 0.04    | 0.00    | 0.00    | 0.01       | 152.07  | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 108        |         | %     |
| Holmium    | 165-2 |         |         |         | 99         |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Indium     | 115-2 |         |         |         | 96         |         | %     |
| Iron       | 56-2  | 5.00    | 4.31    | 4.03    | 4.45       | 11.18   | ppb   |
| Iron       | 57-2  | 6.04    | 4.58    | 5.65    | 5.43       | 13.94   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.13    | 0.10    | 0.13    | 0.12       | 15.50   | ppb   |
| Lead       | 207-1 | 0.09    | 0.10    | 0.10    | 0.10       | 1.07    | ppb   |
| Lead       | 208-1 | 0.11    | 0.10    | 0.10    | 0.10       | 5.10    | ppb   |
| Lithium    | 6-1   |         |         |         | 91         |         | %     |
| Magnesium  | 24-2  | 7.32    | 5.17    | 4.70    | 5.73       | 24.33   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB30               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB30               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 18:23:05 | DataFile Name :   | 093CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.12    | 0.16    | 0.10    | 0.13       | 24.71   | ppb   |
| Molybdenum | 94-1  | 0.34    | 0.30    | 0.32    | 0.32       | 5.82    | ppb   |
| Molybdenum | 95-1  | 0.53    | 0.41    | 0.34    | 0.43       | 22.80   | ppb   |
| Molybdenum | 96-1  | 0.51    | 0.38    | 0.34    | 0.41       | 22.00   | ppb   |
| Molybdenum | 97-1  | 0.54    | 0.37    | 0.40    | 0.44       | 20.30   | ppb   |
| Molybdenum | 98-1  | 0.54    | 0.42    | 0.33    | 0.43       | 24.07   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.00    | 0.02    | 0.03    | 0.02       | 79.59   | ppb   |
| Phosphorus | 31-2  | -49.72  | -63.85  | -53.44  | -55.67     |         | ppb   |
| Potassium  | 39-2  | 8.71    | 9.21    | 8.50    | 8.80       | 4.13    | ppb   |
| Rhodium    | 103-1 |         |         |         | 99         |         | %     |
| Rhodium    | 103-2 |         |         |         | 92         |         | %     |
| Scandium   | 45-1  |         |         |         | 95         |         | %     |
| Scandium   | 45-2  |         |         |         | 90         |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.44    | 0.15       | 173.21  | ppb   |
| Selenium   | 78-2  | 0.17    | 0.38    | 0.15    | 0.23       | 54.38   | ppb   |
| Selenium   | 82-1  | 0.29    | 0.09    | 0.08    | 0.15       | 79.95   | ppb   |
| Silicon    | 28-1  | -2.38   | -2.90   | -2.86   | -2.71      |         | ppb   |
| Silver     | 109-1 | 0.02    | 0.02    | 0.02    | 0.02       | 19.74   | ppb   |
| Silver     | 107-1 | 0.03    | 0.03    | 0.02    | 0.03       | 28.41   | ppb   |
| Sodium     | 23-2  | 14.24   | 12.37   | 12.02   | 12.87      | 9.28    | ppb   |
| Strontium  | 86-1  | -0.02   | 0.01    | 0.01    | 0.00       | 2958.53 | ppb   |
| Strontium  | 88-1  | 0.02    | 0.01    | 0.01    | 0.01       | 45.79   | ppb   |
| Sulfur     | 34-1  | -315.48 | -388.09 | -314.26 | -339.28    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 106        |         | %     |
| Terbium    | 159-2 |         |         |         | 99         |         | %     |
| Thallium   | 203-1 | 0.08    | 0.07    | 0.08    | 0.07       | 6.97    | ppb   |
| Thallium   | 205-1 | 0.08    | 0.07    | 0.07    | 0.08       | 5.48    | ppb   |
| Thorium    | 232-1 | 0.04    | 0.04    | 0.04    | 0.04       | 10.82   | ppb   |
| Tin        | 118-1 | 0.08    | 0.04    | 0.02    | 0.05       | 56.47   | ppb   |
| Titanium   | 47-1  | 0.11    | 0.13    | 0.09    | 0.11       | 20.46   | ppb   |
| Uranium    | 238-1 | 0.02    | 0.02    | 0.01    | 0.02       | 23.55   | ppb   |
| Vanadium   | 51-2  | 0.02    | 0.00    | 0.01    | 0.01       | 83.92   | ppb   |
| Yttrium    | 89-1  |         |         |         | 100        |         | %     |
| Yttrium    | 89-2  |         |         |         | 93         |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB30               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB30               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 18:23:05 | DataFile Name :   | 093CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 0.09    | 0.09    | 0.11    | 0.10       | 9.85    | ppb   |
| Zirconium | 90-1 | 0.02    | 0.03    | 0.00    | 0.02       | 65.35   | ppb   |
| Zirconium | 91-1 | 0.03    | 0.03    | 0.02    | 0.03       | 20.06   | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-04DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS008-1218-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 18:29:13 DataFile Name : 094SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 29989.28 | 30045.05 | 35187.40 | 31740.57   | 9.40    | ppb   |
| Antimony   | 121-1 | 0.09     | 0.11     | 0.11     | 0.10       | 12.10   | ppb   |
| Arsenic    | 75-2  | 14.51    | 14.70    | 17.17    | 15.46      | 9.61    | ppb   |
| Barium     | 135-1 | 359.10   | 359.51   | 363.83   | 360.81     | 0.73    | ppb   |
| Barium     | 137-1 | 363.37   | 359.73   | 362.67   | 361.92     | 0.53    | ppb   |
| Beryllium  | 9-1   | 1.59     | 1.65     | 1.69     | 1.64       | 3.07    | ppb   |
| Bismuth    | 209-1 |          |          |          | 108        |         | %     |
| Bismuth    | 209-2 |          |          |          | 93         |         | %     |
| Boron      | 10-1  | 4.95     | 5.64     | 4.89     | 5.16       | 8.12    | ppb   |
| Boron      | 11-1  | 5.12     | 4.89     | 5.22     | 5.07       | 3.34    | ppb   |
| Cadmium    | 111-1 | 0.58     | 0.78     | 0.76     | 0.71       | 15.84   | ppb   |
| Cadmium    | 106-1 | -0.61    | 0.82     | 1.11     | 0.44       | 209.80  | ppb   |
| Cadmium    | 108-1 | 2.07     | 1.72     | 1.84     | 1.87       | 9.49    | ppb   |
| Calcium    | 43-1  | 3110.88  | 3075.89  | 3197.45  | 3128.07    | 2.00    | ppb   |
| Calcium    | 44-1  | 3159.17  | 3132.09  | 3183.80  | 3158.35    | 0.82    | ppb   |
| Chromium   | 52-2  | 45.59    | 45.67    | 54.12    | 48.46      | 10.12   | ppb   |
| Cobalt     | 59-2  | 25.94    | 25.95    | 30.37    | 27.42      | 9.31    | ppb   |
| Copper     | 63-2  | 81.94    | 83.60    | 98.14    | 87.89      | 10.14   | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 111        |         | %     |
| Holmium    | 165-2 |          |          |          | 98         |         | %     |
| Indium     | 115-1 |          |          |          | 101        |         | %     |
| Indium     | 115-2 |          |          |          | 92         |         | %     |
| Iron       | 56-2  | 70945.01 | 71428.91 | 83706.75 | 75360.22   | 9.60    | ppb   |
| Iron       | 57-2  | 69247.22 | 69578.30 | 81685.24 | 73503.59   | 9.64    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 528.03   | 524.48   | 526.30   | 526.27     | 0.34    | ppb   |
| Lead       | 207-1 | 481.14   | 477.29   | 474.05   | 477.49     | 0.74    | ppb   |
| Lead       | 208-1 | 508.30   | 505.43   | 505.60   | 506.44     | 0.32    | ppb   |
| Lithium    | 6-1   |          |          |          | 95         |         | %     |
| Magnesium  | 24-2  | 11233.66 | 11295.47 | 13239.96 | 11923.03   | 9.57    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-04DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS008-1218-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 18:29:13 DataFile Name : 094SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 2346.21 | 2364.98 | 2786.70 | 2499.30    | 9.97    | ppb   |
| Molybdenum | 94-1  | 17.66   | 17.49   | 17.77   | 17.64      | 0.80    | ppb   |
| Molybdenum | 95-1  | 3.14    | 2.81    | 2.83    | 2.93       | 6.34    | ppb   |
| Molybdenum | 96-1  | 5.40    | 5.29    | 5.42    | 5.37       | 1.30    | ppb   |
| Molybdenum | 97-1  | 2.99    | 2.99    | 3.09    | 3.02       | 1.99    | ppb   |
| Molybdenum | 98-1  | 2.84    | 2.95    | 2.93    | 2.91       | 2.04    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 57.72   | 57.75   | 68.26   | 61.24      | 9.92    | ppb   |
| Phosphorus | 31-2  | 1210.70 | 1215.56 | 1557.90 | 1328.05    | 14.99   | ppb   |
| Potassium  | 39-2  | 1638.94 | 1652.68 | 1941.08 | 1744.23    | 9.78    | ppb   |
| Rhodium    | 103-1 |         |         |         | 98         |         | %     |
| Rhodium    | 103-2 |         |         |         | 88         |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 91         |         | %     |
| Selenium   | 77-2  | 15.98   | 13.89   | 23.44   | 17.77      | 28.24   | ppb   |
| Selenium   | 78-2  | 4.74    | 3.59    | 6.04    | 4.79       | 25.54   | ppb   |
| Selenium   | 82-1  | 1.19    | 1.15    | 0.51    | 0.95       | 40.13   | ppb   |
| Silicon    | 28-1  | 2399.45 | 2397.96 | 2409.52 | 2402.31    | 0.26    | ppb   |
| Silver     | 109-1 | 0.14    | 0.13    | 0.14    | 0.13       | 5.62    | ppb   |
| Silver     | 107-1 | 0.13    | 0.13    | 0.15    | 0.14       | 6.72    | ppb   |
| Sodium     | 23-2  | 169.37  | 172.33  | 208.91  | 183.54     | 12.00   | ppb   |
| Strontium  | 86-1  | 14.75   | 14.51   | 14.60   | 14.62      | 0.82    | ppb   |
| Strontium  | 88-1  | 14.92   | 14.67   | 14.73   | 14.78      | 0.89    | ppb   |
| Sulfur     | 34-1  | -656.49 | -823.13 | -851.57 | -777.06    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 109        |         | %     |
| Terbium    | 159-2 |         |         |         | 97         |         | %     |
| Thallium   | 203-1 | 0.20    | 0.18    | 0.17    | 0.18       | 9.22    | ppb   |
| Thallium   | 205-1 | 0.20    | 0.17    | 0.18    | 0.18       | 7.63    | ppb   |
| Thorium    | 232-1 | 6.48    | 6.29    | 6.31    | 6.36       | 1.59    | ppb   |
| Tin        | 118-1 | 0.68    | 0.59    | 0.61    | 0.63       | 7.87    | ppb   |
| Titanium   | 47-1  | 42.94   | 42.67   | 42.25   | 42.62      | 0.81    | ppb   |
| Uranium    | 238-1 | 0.78    | 0.78    | 0.80    | 0.79       | 1.87    | ppb   |
| Vanadium   | 51-2  | 39.55   | 39.82   | 46.90   | 42.09      | 9.90    | ppb   |
| Yttrium    | 89-1  |         |         |         | 112        |         | %     |
| Yttrium    | 89-2  |         |         |         | 102        |         | %     |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-04DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS008-1218-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 18:29:13  | DataFile Name :   | 094SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 392.30  | 396.76  | 467.72  | 418.93     | 10.10   | ppb   |
| Zirconium | 90-1 | 10.01   | 10.02   | 10.02   | 10.01      | 0.05    | ppb   |
| Zirconium | 91-1 | 9.86    | 10.06   | 10.35   | 10.09      | 2.43    | ppb   |



LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-04DUPDLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS008-1218-01DU Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 18:32:49 DataFile Name : 095SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 29996.25 | 29909.98 | 29473.28 | 29793.17   | 0.94    | ppb   |
| Antimony   | 121-1 | 0.09     | 0.07     | 0.09     | 0.08       | 8.14    | ppb   |
| Arsenic    | 75-2  | 14.60    | 14.65    | 14.42    | 14.56      | 0.83    | ppb   |
| Barium     | 135-1 | 363.00   | 358.27   | 355.27   | 358.85     | 1.09    | ppb   |
| Barium     | 137-1 | 364.49   | 357.90   | 360.23   | 360.87     | 0.93    | ppb   |
| Beryllium  | 9-1   | 1.69     | 1.60     | 1.61     | 1.63       | 2.90    | ppb   |
| Bismuth    | 209-1 |          |          |          | 107        |         | %     |
| Bismuth    | 209-2 |          |          |          | 97         |         | %     |
| Boron      | 10-1  | 4.73     | 3.69     | 4.30     | 4.24       | 12.37   | ppb   |
| Boron      | 11-1  | 4.32     | 4.26     | 4.48     | 4.36       | 2.59    | ppb   |
| Cadmium    | 111-1 | 0.65     | 0.73     | 0.80     | 0.73       | 10.37   | ppb   |
| Cadmium    | 106-1 | -0.08    | 0.67     | 1.57     | 0.72       | 114.71  | ppb   |
| Cadmium    | 108-1 | 1.68     | 2.05     | 1.68     | 1.80       | 11.98   | ppb   |
| Calcium    | 43-1  | 3080.39  | 3046.84  | 3007.31  | 3044.85    | 1.20    | ppb   |
| Calcium    | 44-1  | 3051.71  | 2999.86  | 3026.88  | 3026.15    | 0.86    | ppb   |
| Chromium   | 52-2  | 45.35    | 45.57    | 44.60    | 45.17      | 1.12    | ppb   |
| Cobalt     | 59-2  | 26.15    | 25.82    | 25.76    | 25.91      | 0.81    | ppb   |
| Copper     | 63-2  | 82.46    | 82.79    | 81.37    | 82.21      | 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 |          |          |          | 111        |         | %     |
| Holmium    | 165-2 |          |          |          | 102        |         | %     |
| Indium     | 115-1 |          |          |          | 101        |         | %     |
| Indium     | 115-2 |          |          |          | 96         |         | %     |
| Iron       | 56-2  | 72127.33 | 71096.57 | 69676.85 | 70966.91   | 1.73    | ppb   |
| Iron       | 57-2  | 69770.89 | 69001.34 | 68666.19 | 69146.14   | 0.82    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 522.47   | 515.71   | 521.43   | 519.87     | 0.70    | ppb   |
| Lead       | 207-1 | 474.32   | 465.50   | 466.60   | 468.81     | 1.02    | ppb   |
| Lead       | 208-1 | 500.18   | 495.09   | 496.92   | 497.40     | 0.52    | ppb   |
| Lithium    | 6-1   |          |          |          | 94         |         | %     |
| Magnesium  | 24-2  | 11290.20 | 11250.14 | 11003.24 | 11181.19   | 1.39    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-04DUPDLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS008-1218-01DU Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 18:32:49 DataFile Name : 095SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 2424.00  | 2404.09  | 2379.39  | 2402.49    | 0.93    | ppb   |
| Molybdenum | 94-1  | 17.36    | 16.85    | 17.44    | 17.22      | 1.87    | ppb   |
| Molybdenum | 95-1  | 2.91     | 2.91     | 2.78     | 2.86       | 2.64    | ppb   |
| Molybdenum | 96-1  | 5.26     | 5.24     | 5.23     | 5.24       | 0.28    | ppb   |
| Molybdenum | 97-1  | 2.79     | 2.62     | 2.78     | 2.73       | 3.43    | ppb   |
| Molybdenum | 98-1  | 2.91     | 2.74     | 2.79     | 2.81       | 3.20    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 58.54    | 57.77    | 57.01    | 57.77      | 1.33    | ppb   |
| Phosphorus | 31-2  | 1233.72  | 1209.39  | 1260.71  | 1234.61    | 2.08    | ppb   |
| Potassium  | 39-2  | 1616.47  | 1615.66  | 1591.71  | 1607.95    | 0.87    | ppb   |
| Rhodium    | 103-1 |          |          |          | 98         |         | %     |
| Rhodium    | 103-2 |          |          |          | 92         |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 94         |         | %     |
| Selenium   | 77-2  | 20.32    | 19.17    | 19.22    | 19.57      | 3.32    | ppb   |
| Selenium   | 78-2  | 3.76     | 3.60     | 2.37     | 3.24       | 23.40   | ppb   |
| Selenium   | 82-1  | 0.70     | 0.28     | 0.77     | 0.58       | 45.66   | ppb   |
| Silicon    | 28-1  | 2526.94  | 2471.66  | 2509.38  | 2502.66    | 1.13    | ppb   |
| Silver     | 109-1 | 0.12     | 0.11     | 0.11     | 0.11       | 1.25    | ppb   |
| Silver     | 107-1 | 0.16     | 0.12     | 0.14     | 0.14       | 11.19   | ppb   |
| Sodium     | 23-2  | 62.79    | 61.39    | 60.50    | 61.56      | 1.88    | ppb   |
| Strontium  | 86-1  | 14.59    | 14.08    | 14.29    | 14.32      | 1.79    | ppb   |
| Strontium  | 88-1  | 14.46    | 14.26    | 14.30    | 14.34      | 0.74    | ppb   |
| Sulfur     | 34-1  | -1084.17 | -1120.97 | -1173.80 | -1126.31   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 102        |         | %     |
| Thallium   | 203-1 | 0.17     | 0.16     | 0.16     | 0.16       | 3.68    | ppb   |
| Thallium   | 205-1 | 0.18     | 0.19     | 0.17     | 0.18       | 4.40    | ppb   |
| Thorium    | 232-1 | 6.39     | 6.36     | 6.20     | 6.32       | 1.63    | ppb   |
| Tin        | 118-1 | 0.40     | 0.41     | 0.38     | 0.40       | 3.20    | ppb   |
| Titanium   | 47-1  | 43.97    | 42.81    | 43.16    | 43.32      | 1.37    | ppb   |
| Uranium    | 238-1 | 0.80     | 0.77     | 0.77     | 0.78       | 2.76    | ppb   |
| Vanadium   | 51-2  | 39.59    | 39.84    | 38.76    | 39.40      | 1.44    | ppb   |
| Yttrium    | 89-1  |          |          |          | 112        |         | %     |
| Yttrium    | 89-2  |          |          |          | 105        |         | %     |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-04DUPDLX5      | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS008-1218-01DU | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 18:32:49  | DataFile Name :   | 095SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 392.49  | 387.43  | 381.20  | 387.04     | 1.46    | ppb   |
| Zirconium | 90-1 | 10.14   | 9.88    | 9.83    | 9.95       | 1.68    | ppb   |
| Zirconium | 91-1 | 10.09   | 10.01   | 10.00   | 10.04      | 0.49    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-04LDLX25 Instrumnet Name : P7  
 Client Sample ID : P001-SS008-1218-01LDI Dilution Factor : 25  
 Date & Time Acquired :: 2018-12-27 18:36:26 DataFile Name : 096SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 6201.29  | 6084.64  | 6127.93  | 6137.95    | 0.96    | ppb   |
| Antimony   | 121-1 | 0.02     | 0.03     | 0.03     | 0.03       | 18.58   | ppb   |
| Arsenic    | 75-2  | 3.10     | 3.17     | 3.17     | 3.14       | 1.26    | ppb   |
| Barium     | 135-1 | 72.28    | 72.06    | 72.09    | 72.15      | 0.17    | ppb   |
| Barium     | 137-1 | 72.47    | 72.59    | 71.11    | 72.05      | 1.14    | ppb   |
| Beryllium  | 9-1   | 0.36     | 0.35     | 0.40     | 0.37       | 7.14    | ppb   |
| Bismuth    | 209-1 |          |          |          | 112        |         | %     |
| Bismuth    | 209-2 |          |          |          | 99         |         | %     |
| Boron      | 10-1  | 1.68     | 1.39     | 1.52     | 1.53       | 9.75    | ppb   |
| Boron      | 11-1  | 1.51     | 1.53     | 1.45     | 1.50       | 2.56    | ppb   |
| Cadmium    | 111-1 | -0.05    | -0.05    | -0.16    | -0.09      |         | ppb   |
| Cadmium    | 106-1 | -2.58    | -2.60    | -4.11    | -3.09      |         | ppb   |
| Cadmium    | 108-1 | 0.44     | 0.51     | 0.30     | 0.42       | 24.59   | ppb   |
| Calcium    | 43-1  | 609.22   | 646.53   | 632.09   | 629.28     | 2.99    | ppb   |
| Calcium    | 44-1  | 637.63   | 627.99   | 621.26   | 628.96     | 1.31    | ppb   |
| Chromium   | 52-2  | 9.46     | 9.27     | 9.63     | 9.45       | 1.86    | ppb   |
| Cobalt     | 59-2  | 5.41     | 5.36     | 5.36     | 5.38       | 0.57    | ppb   |
| Copper     | 63-2  | 17.44    | 17.59    | 17.35    | 17.46      | 0.69    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 112        |         | %     |
| Holmium    | 165-2 |          |          |          | 102        |         | %     |
| Indium     | 115-1 |          |          |          | 104        |         | %     |
| Indium     | 115-2 |          |          |          | 98         |         | %     |
| Iron       | 56-2  | 14933.43 | 14662.51 | 14708.91 | 14768.28   | 0.98    | ppb   |
| Iron       | 57-2  | 14263.94 | 14273.29 | 14281.99 | 14273.07   | 0.06    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 102.57   | 101.76   | 101.89   | 102.07     | 0.43    | ppb   |
| Lead       | 207-1 | 92.75    | 92.06    | 91.78    | 92.20      | 0.54    | ppb   |
| Lead       | 208-1 | 96.68    | 96.04    | 95.56    | 96.09      | 0.58    | ppb   |
| Lithium    | 6-1   |          |          |          | 95         |         | %     |
| Magnesium  | 24-2  | 2318.79  | 2291.19  | 2291.48  | 2300.49    | 0.69    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-04LDLX25 Instrumnet Name : P7  
 Client Sample ID : P001-SS008-1218-01LDI Dilution Factor : 25  
 Date & Time Acquired :: 2018-12-27 18:36:26 DataFile Name : 096SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 492.77   | 485.56   | 485.84   | 488.06     | 0.84    | ppb   |
| Molybdenum | 94-1  | 3.79     | 3.68     | 3.68     | 3.71       | 1.67    | ppb   |
| Molybdenum | 95-1  | 0.64     | 0.67     | 0.66     | 0.66       | 2.44    | ppb   |
| Molybdenum | 96-1  | 1.15     | 1.13     | 1.07     | 1.12       | 4.07    | ppb   |
| Molybdenum | 97-1  | 0.66     | 0.63     | 0.62     | 0.64       | 3.45    | ppb   |
| Molybdenum | 98-1  | 0.61     | 0.59     | 0.62     | 0.61       | 2.12    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 12.03    | 11.86    | 11.91    | 11.93      | 0.75    | ppb   |
| Phosphorus | 31-2  | 196.90   | 187.86   | 208.20   | 197.65     | 5.16    | ppb   |
| Potassium  | 39-2  | 321.00   | 337.98   | 329.81   | 329.60     | 2.58    | ppb   |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Rhodium    | 103-2 |          |          |          | 94         |         | %     |
| Scandium   | 45-1  |          |          |          | 100        |         | %     |
| Scandium   | 45-2  |          |          |          | 93         |         | %     |
| Selenium   | 77-2  | 4.20     | 2.10     | 4.16     | 3.49       | 34.42   | ppb   |
| Selenium   | 78-2  | 0.70     | 1.40     | 1.30     | 1.13       | 33.28   | ppb   |
| Selenium   | 82-1  | 0.58     | 0.21     | 0.32     | 0.37       | 51.03   | ppb   |
| Silicon    | 28-1  | 502.80   | 501.54   | 492.89   | 499.08     | 1.08    | ppb   |
| Silver     | 109-1 | 0.03     | 0.02     | 0.03     | 0.03       | 9.65    | ppb   |
| Silver     | 107-1 | 0.03     | 0.02     | 0.02     | 0.03       | 22.91   | ppb   |
| Sodium     | 23-2  | 29.30    | 27.02    | 26.71    | 27.68      | 5.12    | ppb   |
| Strontium  | 86-1  | 3.15     | 3.02     | 3.00     | 3.05       | 2.69    | ppb   |
| Strontium  | 88-1  | 3.18     | 3.18     | 3.08     | 3.15       | 1.85    | ppb   |
| Sulfur     | 34-1  | -1415.62 | -1441.99 | -1476.28 | -1444.63   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 110        |         | %     |
| Terbium    | 159-2 |          |          |          | 102        |         | %     |
| Thallium   | 203-1 | 0.06     | 0.05     | 0.05     | 0.05       | 6.49    | ppb   |
| Thallium   | 205-1 | 0.06     | 0.05     | 0.05     | 0.05       | 5.35    | ppb   |
| Thorium    | 232-1 | 1.22     | 1.20     | 1.21     | 1.21       | 1.07    | ppb   |
| Tin        | 118-1 | 0.12     | 0.14     | 0.14     | 0.14       | 7.42    | ppb   |
| Titanium   | 47-1  | 8.44     | 8.87     | 8.32     | 8.54       | 3.35    | ppb   |
| Uranium    | 238-1 | 0.15     | 0.14     | 0.14     | 0.15       | 2.91    | ppb   |
| Vanadium   | 51-2  | 8.03     | 8.15     | 8.19     | 8.12       | 1.04    | ppb   |
| Yttrium    | 89-1  |          |          |          | 106        |         | %     |
| Yttrium    | 89-2  |          |          |          | 99         |         | %     |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB100071              | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-04LDLX25        | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS008-1218-01LDI | Dilution Factor : | 25        |
| Date & Time Acquired :: | 2018-12-27 18:36:26   | DataFile Name :   | 096SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 82.91   | 82.92   | 83.01   | 82.95      | 0.07    | ppb   |
| Zirconium | 90-1 | 2.14    | 2.16    | 2.05    | 2.12       | 2.73    | ppb   |
| Zirconium | 91-1 | 2.35    | 2.15    | 2.20    | 2.23       | 4.64    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-04MSDLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS008-1218-01MS Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 18:40:00 DataFile Name : 097SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 32865.61 | 33101.84 | 32862.64 | 32943.37   | 0.42    | ppb   |
| Antimony   | 121-1 | 24.92    | 24.70    | 24.86    | 24.83      | 0.48    | ppb   |
| Arsenic    | 75-2  | 101.47   | 99.99    | 99.46    | 100.31     | 1.04    | ppb   |
| Barium     | 135-1 | 823.79   | 810.36   | 826.56   | 820.24     | 1.06    | ppb   |
| Barium     | 137-1 | 819.26   | 813.37   | 828.40   | 820.34     | 0.92    | ppb   |
| Beryllium  | 9-1   | 99.07    | 98.78    | 98.59    | 98.82      | 0.24    | ppb   |
| Bismuth    | 209-1 |          |          |          | 105        |         | %     |
| Bismuth    | 209-2 |          |          |          | 95         |         | %     |
| Boron      | 10-1  | 81.38    | 86.04    | 87.94    | 85.12      | 3.96    | ppb   |
| Boron      | 11-1  | 85.17    | 86.72    | 86.29    | 86.06      | 0.93    | ppb   |
| Cadmium    | 111-1 | 95.18    | 94.17    | 95.40    | 94.92      | 0.69    | ppb   |
| Cadmium    | 106-1 | 90.08    | 92.12    | 92.45    | 91.55      | 1.40    | ppb   |
| Cadmium    | 108-1 | 94.61    | 96.17    | 92.91    | 94.56      | 1.72    | ppb   |
| Calcium    | 43-1  | 11808.45 | 11594.87 | 11810.00 | 11737.77   | 1.05    | ppb   |
| Calcium    | 44-1  | 11840.83 | 11779.17 | 11771.97 | 11797.32   | 0.32    | ppb   |
| Chromium   | 52-2  | 139.42   | 140.67   | 140.14   | 140.08     | 0.45    | ppb   |
| Cobalt     | 59-2  | 121.65   | 122.40   | 122.12   | 122.06     | 0.31    | ppb   |
| Copper     | 63-2  | 270.26   | 273.25   | 272.12   | 271.88     | 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 |          |          |          | 109        |         | %     |
| Holmium    | 165-2 |          |          |          | 102        |         | %     |
| Indium     | 115-1 |          |          |          | 99         |         | %     |
| Indium     | 115-2 |          |          |          | 94         |         | %     |
| Iron       | 56-2  | 80334.59 | 79019.00 | 79460.95 | 79604.85   | 0.84    | ppb   |
| Iron       | 57-2  | 77419.37 | 77588.24 | 77322.36 | 77443.33   | 0.17    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 616.25   | 605.22   | 612.57   | 611.35     | 0.92    | ppb   |
| Lead       | 207-1 | 563.46   | 554.15   | 561.42   | 559.67     | 0.87    | ppb   |
| Lead       | 208-1 | 591.70   | 586.89   | 592.31   | 590.30     | 0.50    | ppb   |
| Lithium    | 6-1   |          |          |          | 92         |         | %     |
| Magnesium  | 24-2  | 22297.06 | 22328.92 | 22195.71 | 22273.90   | 0.31    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-04MSDLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS008-1218-01MS Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 18:40:00 DataFile Name : 097SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 2756.77  | 2728.41  | 2739.84  | 2741.67    | 0.52    | ppb   |
| Molybdenum | 94-1  | 399.55   | 391.22   | 399.57   | 396.78     | 1.21    | ppb   |
| Molybdenum | 95-1  | 393.28   | 386.61   | 393.35   | 391.08     | 0.99    | ppb   |
| Molybdenum | 96-1  | 392.85   | 386.78   | 391.18   | 390.27     | 0.80    | ppb   |
| Molybdenum | 97-1  | 395.03   | 388.18   | 391.60   | 391.60     | 0.88    | ppb   |
| Molybdenum | 98-1  | 394.92   | 391.44   | 391.54   | 392.63     | 0.51    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 157.43   | 156.09   | 157.29   | 156.93     | 0.47    | ppb   |
| Phosphorus | 31-2  | 1242.05  | 1154.28  | 1070.82  | 1155.72    | 7.41    | ppb   |
| Potassium  | 39-2  | 5914.32  | 5940.38  | 5902.77  | 5919.16    | 0.33    | ppb   |
| Rhodium    | 103-1 |          |          |          | 96         |         | %     |
| Rhodium    | 103-2 |          |          |          | 89         |         | %     |
| Scandium   | 45-1  |          |          |          | 98         |         | %     |
| Scandium   | 45-2  |          |          |          | 92         |         | %     |
| Selenium   | 77-2  | 100.70   | 105.93   | 97.22    | 101.28     | 4.32    | ppb   |
| Selenium   | 78-2  | 85.99    | 96.51    | 90.78    | 91.10      | 5.78    | ppb   |
| Selenium   | 82-1  | 84.55    | 84.89    | 86.04    | 85.16      | 0.92    | ppb   |
| Silicon    | 28-1  | 4099.58  | 4066.34  | 4115.10  | 4093.67    | 0.61    | ppb   |
| Silver     | 109-1 | 86.66    | 84.77    | 85.54    | 85.66      | 1.11    | ppb   |
| Silver     | 107-1 | 86.02    | 86.32    | 85.90    | 86.08      | 0.25    | ppb   |
| Sodium     | 23-2  | 8550.19  | 8610.27  | 8529.40  | 8563.29    | 0.49    | ppb   |
| Strontium  | 86-1  | 97.79    | 97.00    | 98.17    | 97.65      | 0.61    | ppb   |
| Strontium  | 88-1  | 98.27    | 97.48    | 97.63    | 97.79      | 0.43    | ppb   |
| Sulfur     | 34-1  | -1160.25 | -1167.97 | -1243.17 | -1190.46   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 100        |         | %     |
| Thallium   | 203-1 | 83.94    | 83.87    | 84.68    | 84.16      | 0.53    | ppb   |
| Thallium   | 205-1 | 85.96    | 85.25    | 86.39    | 85.87      | 0.66    | ppb   |
| Thorium    | 232-1 | 7.24     | 7.25     | 7.40     | 7.30       | 1.22    | ppb   |
| Tin        | 118-1 | 43.67    | 43.24    | 44.64    | 43.85      | 1.64    | ppb   |
| Titanium   | 47-1  | 416.58   | 411.99   | 415.52   | 414.70     | 0.58    | ppb   |
| Uranium    | 238-1 | 81.56    | 81.50    | 82.98    | 82.01      | 1.02    | ppb   |
| Vanadium   | 51-2  | 131.89   | 134.05   | 133.38   | 133.11     | 0.83    | ppb   |
| Yttrium    | 89-1  |          |          |          | 110        |         | %     |
| Yttrium    | 89-2  |          |          |          | 103        |         | %     |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-04MSDLX5       | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS008-1218-01MS | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 18:40:00  | DataFile Name :   | 097SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 588.84  | 585.21  | 589.15  | 587.73     | 0.37    | ppb   |
| Zirconium | 90-1 | 82.37   | 81.27   | 81.92   | 81.86      | 0.68    | ppb   |
| Zirconium | 91-1 | 84.03   | 82.77   | 82.63   | 83.14      | 0.93    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-04MSDDLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS008-1218-01MS Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 18:43:37 DataFile Name : 098SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 33198.42 | 33025.12 | 33172.69 | 33132.08   | 0.28    | ppb   |
| Antimony   | 121-1 | 31.30    | 30.63    | 30.84    | 30.93      | 1.11    | ppb   |
| Arsenic    | 75-2  | 106.26   | 107.44   | 105.39   | 106.36     | 0.97    | ppb   |
| Barium     | 135-1 | 848.05   | 833.87   | 838.34   | 840.09     | 0.86    | ppb   |
| Barium     | 137-1 | 848.83   | 828.71   | 839.60   | 839.04     | 1.20    | ppb   |
| Beryllium  | 9-1   | 107.48   | 107.50   | 107.67   | 107.55     | 0.10    | ppb   |
| Bismuth    | 209-1 |          |          |          | 104        |         | %     |
| Bismuth    | 209-2 |          |          |          | 93         |         | %     |
| Boron      | 10-1  | 93.60    | 97.86    | 98.04    | 96.50      | 2.61    | ppb   |
| Boron      | 11-1  | 96.21    | 98.31    | 97.74    | 97.42      | 1.11    | ppb   |
| Cadmium    | 111-1 | 104.27   | 103.95   | 103.92   | 104.05     | 0.19    | ppb   |
| Cadmium    | 106-1 | 97.53    | 101.99   | 99.72    | 99.75      | 2.23    | ppb   |
| Cadmium    | 108-1 | 103.26   | 102.72   | 103.75   | 103.24     | 0.50    | ppb   |
| Calcium    | 43-1  | 12625.51 | 12622.32 | 12704.86 | 12650.90   | 0.37    | ppb   |
| Calcium    | 44-1  | 12796.59 | 12759.87 | 12887.84 | 12814.77   | 0.51    | ppb   |
| Chromium   | 52-2  | 152.32   | 150.67   | 152.83   | 151.94     | 0.75    | ppb   |
| Cobalt     | 59-2  | 130.94   | 131.49   | 131.99   | 131.47     | 0.40    | ppb   |
| Copper     | 63-2  | 293.32   | 291.96   | 293.57   | 292.95     | 0.29    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 108        |         | %     |
| Holmium    | 165-2 |          |          |          | 99         |         | %     |
| Indium     | 115-1 |          |          |          | 97         |         | %     |
| Indium     | 115-2 |          |          |          | 92         |         | %     |
| Iron       | 56-2  | 80396.42 | 79833.32 | 80469.41 | 80233.05   | 0.43    | ppb   |
| Iron       | 57-2  | 77750.83 | 77446.21 | 78002.38 | 77733.14   | 0.36    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 596.86   | 600.33   | 597.91   | 598.37     | 0.30    | ppb   |
| Lead       | 207-1 | 548.15   | 540.25   | 549.93   | 546.11     | 0.94    | ppb   |
| Lead       | 208-1 | 578.70   | 573.06   | 578.82   | 576.86     | 0.57    | ppb   |
| Lithium    | 6-1   |          |          |          | 91         |         | %     |
| Magnesium  | 24-2  | 23250.88 | 22858.06 | 23153.02 | 23087.32   | 0.89    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-04MSDDLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS008-1218-01MS Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 18:43:37 DataFile Name : 098SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 2388.54  | 2396.43  | 2410.72  | 2398.56    | 0.47    | ppb   |
| Molybdenum | 94-1  | 442.31   | 437.65   | 448.21   | 442.72     | 1.20    | ppb   |
| Molybdenum | 95-1  | 431.19   | 430.64   | 432.32   | 431.38     | 0.20    | ppb   |
| Molybdenum | 96-1  | 436.16   | 431.38   | 439.84   | 435.80     | 0.97    | ppb   |
| Molybdenum | 97-1  | 432.30   | 426.48   | 431.10   | 429.96     | 0.71    | ppb   |
| Molybdenum | 98-1  | 430.02   | 429.24   | 431.97   | 430.41     | 0.33    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 165.46   | 164.98   | 167.76   | 166.07     | 0.89    | ppb   |
| Phosphorus | 31-2  | 1232.82  | 1108.21  | 1247.68  | 1196.24    | 6.40    | ppb   |
| Potassium  | 39-2  | 6596.77  | 6573.74  | 6636.39  | 6602.30    | 0.48    | ppb   |
| Rhodium    | 103-1 |          |          |          | 94         |         | %     |
| Rhodium    | 103-2 |          |          |          | 87         |         | %     |
| Scandium   | 45-1  |          |          |          | 97         |         | %     |
| Scandium   | 45-2  |          |          |          | 90         |         | %     |
| Selenium   | 77-2  | 113.25   | 112.63   | 109.60   | 111.83     | 1.74    | ppb   |
| Selenium   | 78-2  | 98.43    | 97.09    | 100.54   | 98.68      | 1.76    | ppb   |
| Selenium   | 82-1  | 89.96    | 91.12    | 90.27    | 90.45      | 0.67    | ppb   |
| Silicon    | 28-1  | 3941.11  | 3884.47  | 3936.15  | 3920.58    | 0.80    | ppb   |
| Silver     | 109-1 | 97.11    | 95.25    | 95.45    | 95.94      | 1.07    | ppb   |
| Silver     | 107-1 | 97.94    | 96.51    | 96.85    | 97.10      | 0.77    | ppb   |
| Sodium     | 23-2  | 9570.17  | 9370.05  | 9486.40  | 9475.54    | 1.06    | ppb   |
| Strontium  | 86-1  | 105.78   | 104.79   | 105.45   | 105.34     | 0.48    | ppb   |
| Strontium  | 88-1  | 106.34   | 106.18   | 105.96   | 106.16     | 0.18    | ppb   |
| Sulfur     | 34-1  | -1249.25 | -1279.66 | -1191.57 | -1240.16   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 106        |         | %     |
| Terbium    | 159-2 |          |          |          | 98         |         | %     |
| Thallium   | 203-1 | 95.01    | 93.96    | 94.92    | 94.63      | 0.61    | ppb   |
| Thallium   | 205-1 | 97.23    | 96.28    | 97.31    | 96.94      | 0.59    | ppb   |
| Thorium    | 232-1 | 6.85     | 6.78     | 6.86     | 6.83       | 0.62    | ppb   |
| Tin        | 118-1 | 55.48    | 55.27    | 55.16    | 55.30      | 0.29    | ppb   |
| Titanium   | 47-1  | 482.98   | 475.54   | 475.18   | 477.90     | 0.92    | ppb   |
| Uranium    | 238-1 | 91.23    | 89.94    | 90.98    | 90.71      | 0.76    | ppb   |
| Vanadium   | 51-2  | 144.16   | 143.99   | 144.54   | 144.23     | 0.20    | ppb   |
| Yttrium    | 89-1  |          |          |          | 108        |         | %     |
| Yttrium    | 89-2  |          |          |          | 101        |         | %     |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-04MSDDLX5      | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS008-1218-01MS | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 18:43:37  | DataFile Name :   | 098SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 595.16  | 592.62  | 592.82  | 593.53     | 0.24    | ppb   |
| Zirconium | 90-1 | 94.31   | 92.67   | 94.18   | 93.72      | 0.97    | ppb   |
| Zirconium | 91-1 | 93.80   | 93.73   | 95.35   | 94.29      | 0.97    | ppb   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB100071              | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-04ADLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS008-1218-01ADL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 18:47:13   | DataFile Name :   | 099SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 32968.22 | 32985.69 | 32602.02 | 32851.98   | 0.66    | ppb   |
| Antimony   | 121-1 | 29.14    | 29.25    | 29.53    | 29.31      | 0.69    | ppb   |
| Arsenic    | 75-2  | 106.43   | 106.18   | 108.36   | 106.99     | 1.12    | ppb   |
| Barium     | 135-1 | 845.94   | 844.15   | 843.03   | 844.37     | 0.17    | ppb   |
| Barium     | 137-1 | 842.48   | 848.05   | 847.39   | 845.97     | 0.36    | ppb   |
| Beryllium  | 9-1   | 106.77   | 107.05   | 108.07   | 107.30     | 0.64    | ppb   |
| Bismuth    | 209-1 |          |          |          | 104        |         | %     |
| Bismuth    | 209-2 |          |          |          | 94         |         | %     |
| Boron      | 10-1  | 93.60    | 95.99    | 98.57    | 96.05      | 2.59    | ppb   |
| Boron      | 11-1  | 93.59    | 97.70    | 98.46    | 96.58      | 2.71    | ppb   |
| Cadmium    | 111-1 | 103.34   | 104.14   | 104.36   | 103.95     | 0.52    | ppb   |
| Cadmium    | 106-1 | 100.66   | 98.87    | 104.90   | 101.48     | 3.06    | ppb   |
| Cadmium    | 108-1 | 101.43   | 103.39   | 104.84   | 103.22     | 1.66    | ppb   |
| Calcium    | 43-1  | 12637.99 | 12391.23 | 12423.99 | 12484.40   | 1.07    | ppb   |
| Calcium    | 44-1  | 12744.61 | 12654.37 | 12701.19 | 12700.06   | 0.36    | ppb   |
| Chromium   | 52-2  | 151.37   | 150.38   | 149.14   | 150.29     | 0.74    | ppb   |
| Cobalt     | 59-2  | 130.89   | 131.79   | 130.94   | 131.21     | 0.39    | ppb   |
| Copper     | 63-2  | 289.31   | 293.97   | 288.82   | 290.70     | 0.98    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 108        |         | %     |
| Holmium    | 165-2 |          |          |          | 100        |         | %     |
| Indium     | 115-1 |          |          |          | 97         |         | %     |
| Indium     | 115-2 |          |          |          | 92         |         | %     |
| Iron       | 56-2  | 80583.36 | 80135.05 | 79437.34 | 80051.92   | 0.72    | ppb   |
| Iron       | 57-2  | 77463.47 | 77981.30 | 76861.93 | 77435.57   | 0.72    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 603.88   | 605.39   | 605.78   | 605.02     | 0.17    | ppb   |
| Lead       | 207-1 | 553.79   | 550.54   | 554.36   | 552.90     | 0.37    | ppb   |
| Lead       | 208-1 | 584.41   | 581.86   | 584.93   | 583.73     | 0.28    | ppb   |
| Lithium    | 6-1   |          |          |          | 90         |         | %     |
| Magnesium  | 24-2  | 23211.57 | 23020.67 | 22903.48 | 23045.24   | 0.67    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-04ADLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS008-1218-01ADL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 18:47:13 DataFile Name : 099SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 2552.41  | 2552.59  | 2524.17  | 2543.06    | 0.64    | ppb   |
| Molybdenum | 94-1  | 438.92   | 440.22   | 439.26   | 439.47     | 0.15    | ppb   |
| Molybdenum | 95-1  | 428.69   | 431.34   | 431.04   | 430.36     | 0.34    | ppb   |
| Molybdenum | 96-1  | 431.81   | 433.17   | 436.16   | 433.71     | 0.51    | ppb   |
| Molybdenum | 97-1  | 430.94   | 431.95   | 432.15   | 431.68     | 0.15    | ppb   |
| Molybdenum | 98-1  | 428.21   | 433.28   | 434.18   | 431.89     | 0.75    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 165.12   | 167.79   | 164.66   | 165.86     | 1.02    | ppb   |
| Phosphorus | 31-2  | 1161.83  | 1061.92  | 1172.17  | 1131.97    | 5.38    | ppb   |
| Potassium  | 39-2  | 6461.12  | 6409.66  | 6436.24  | 6435.67    | 0.40    | ppb   |
| Rhodium    | 103-1 |          |          |          | 94         |         | %     |
| Rhodium    | 103-2 |          |          |          | 88         |         | %     |
| Scandium   | 45-1  |          |          |          | 96         |         | %     |
| Scandium   | 45-2  |          |          |          | 90         |         | %     |
| Selenium   | 77-2  | 102.46   | 116.75   | 110.47   | 109.89     | 6.52    | ppb   |
| Selenium   | 78-2  | 99.75    | 99.67    | 97.08    | 98.83      | 1.54    | ppb   |
| Selenium   | 82-1  | 91.25    | 91.55    | 91.95    | 91.58      | 0.38    | ppb   |
| Silicon    | 28-1  | 4019.64  | 3977.30  | 4019.44  | 4005.46    | 0.61    | ppb   |
| Silver     | 109-1 | 94.85    | 96.01    | 95.38    | 95.41      | 0.61    | ppb   |
| Silver     | 107-1 | 94.81    | 95.25    | 95.80    | 95.29      | 0.52    | ppb   |
| Sodium     | 23-2  | 9396.04  | 9401.50  | 9291.43  | 9362.99    | 0.66    | ppb   |
| Strontium  | 86-1  | 104.48   | 104.35   | 104.77   | 104.54     | 0.20    | ppb   |
| Strontium  | 88-1  | 105.59   | 105.58   | 106.16   | 105.78     | 0.31    | ppb   |
| Sulfur     | 34-1  | -1265.10 | -1313.83 | -1306.39 | -1295.11   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 106        |         | %     |
| Terbium    | 159-2 |          |          |          | 99         |         | %     |
| Thallium   | 203-1 | 93.76    | 94.10    | 93.64    | 93.83      | 0.25    | ppb   |
| Thallium   | 205-1 | 95.42    | 95.33    | 95.63    | 95.46      | 0.16    | ppb   |
| Thorium    | 232-1 | 7.05     | 6.95     | 7.04     | 7.01       | 0.76    | ppb   |
| Tin        | 118-1 | 51.80    | 51.98    | 51.59    | 51.79      | 0.37    | ppb   |
| Titanium   | 47-1  | 462.38   | 464.39   | 465.68   | 464.15     | 0.36    | ppb   |
| Uranium    | 238-1 | 89.52    | 89.69    | 89.89    | 89.70      | 0.21    | ppb   |
| Vanadium   | 51-2  | 142.56   | 143.54   | 141.35   | 142.48     | 0.77    | ppb   |
| Yttrium    | 89-1  |          |          |          | 107        |         | %     |
| Yttrium    | 89-2  |          |          |          | 102        |         | %     |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB100071              | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-04ADLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS008-1218-01ADL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 18:47:13   | DataFile Name :   | 099SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 596.14  | 598.78  | 594.53  | 596.48     | 0.36    | ppb   |
| Zirconium | 90-1 | 91.07   | 90.81   | 91.85   | 91.24      | 0.59    | ppb   |
| Zirconium | 91-1 | 91.28   | 92.28   | 93.26   | 92.27      | 1.08    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-05DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS008-1824-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 18:50:50  | DataFile Name :   | 100SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 31035.90 | 31086.42 | 30789.40 | 30970.57   | 0.51    | ppb   |
| Antimony   | 121-1 | 0.08     | 0.07     | 0.07     | 0.07       | 10.49   | ppb   |
| Arsenic    | 75-2  | 15.56    | 15.05    | 16.27    | 15.63      | 3.90    | ppb   |
| Barium     | 135-1 | 366.65   | 361.32   | 357.76   | 361.91     | 1.24    | ppb   |
| Barium     | 137-1 | 365.88   | 361.64   | 359.54   | 362.35     | 0.89    | ppb   |
| Beryllium  | 9-1   | 1.75     | 1.63     | 1.72     | 1.70       | 3.79    | ppb   |
| Bismuth    | 209-1 |          |          |          | 102        |         | %     |
| Bismuth    | 209-2 |          |          |          | 94         |         | %     |
| Boron      | 10-1  | 7.06     | 6.13     | 6.56     | 6.58       | 7.04    | ppb   |
| Boron      | 11-1  | 6.42     | 6.49     | 6.16     | 6.36       | 2.71    | ppb   |
| Cadmium    | 111-1 | 0.73     | 0.76     | 0.54     | 0.68       | 17.73   | ppb   |
| Cadmium    | 106-1 | 0.64     | 0.68     | -0.98    | 0.11       | 837.42  | ppb   |
| Cadmium    | 108-1 | 2.25     | 1.97     | 2.02     | 2.08       | 7.26    | ppb   |
| Calcium    | 43-1  | 3169.55  | 3112.64  | 3105.13  | 3129.11    | 1.13    | ppb   |
| Calcium    | 44-1  | 3154.40  | 3104.23  | 3057.71  | 3105.45    | 1.56    | ppb   |
| Chromium   | 52-2  | 45.04    | 44.83    | 44.13    | 44.67      | 1.07    | ppb   |
| Cobalt     | 59-2  | 25.65    | 25.35    | 25.07    | 25.35      | 1.14    | ppb   |
| Copper     | 63-2  | 82.01    | 83.32    | 81.91    | 82.41      | 0.96    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 106        |         | %     |
| Holmium    | 165-2 |          |          |          | 99         |         | %     |
| Indium     | 115-1 |          |          |          | 96         |         | %     |
| Indium     | 115-2 |          |          |          | 92         |         | %     |
| Iron       | 56-2  | 74697.75 | 74521.65 | 73506.84 | 74242.08   | 0.87    | ppb   |
| Iron       | 57-2  | 71582.49 | 71783.48 | 70978.18 | 71448.05   | 0.59    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 577.54   | 565.85   | 567.95   | 570.45     | 1.09    | ppb   |
| Lead       | 207-1 | 522.77   | 513.07   | 510.88   | 515.58     | 1.23    | ppb   |
| Lead       | 208-1 | 552.21   | 545.75   | 545.35   | 547.77     | 0.70    | ppb   |
| Lithium    | 6-1   |          |          |          | 88         |         | %     |
| Magnesium  | 24-2  | 12497.26 | 12565.01 | 12394.88 | 12485.72   | 0.69    | ppb   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-05DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS008-1824-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 18:50:50  | DataFile Name :   | 100SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 2827.40  | 2831.77  | 2798.24  | 2819.14    | 0.65    | ppb   |
| Molybdenum | 94-1  | 18.60    | 18.25    | 18.27    | 18.37      | 1.07    | ppb   |
| Molybdenum | 95-1  | 3.54     | 3.57     | 3.30     | 3.47       | 4.27    | ppb   |
| Molybdenum | 96-1  | 6.01     | 5.96     | 5.70     | 5.89       | 2.77    | ppb   |
| Molybdenum | 97-1  | 3.47     | 3.33     | 3.34     | 3.38       | 2.38    | ppb   |
| Molybdenum | 98-1  | 3.41     | 3.42     | 3.31     | 3.38       | 1.82    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 59.01    | 59.27    | 57.29    | 58.52      | 1.84    | ppb   |
| Phosphorus | 31-2  | 1360.83  | 1243.14  | 1300.18  | 1301.39    | 4.52    | ppb   |
| Potassium  | 39-2  | 1782.24  | 1806.74  | 1787.62  | 1792.20    | 0.72    | ppb   |
| Rhodium    | 103-1 |          |          |          | 93         |         | %     |
| Rhodium    | 103-2 |          |          |          | 88         |         | %     |
| Scandium   | 45-1  |          |          |          | 94         |         | %     |
| Scandium   | 45-2  |          |          |          | 90         |         | %     |
| Selenium   | 77-2  | 16.31    | 16.02    | 15.46    | 15.93      | 2.72    | ppb   |
| Selenium   | 78-2  | 4.70     | 3.92     | 4.35     | 4.32       | 8.97    | ppb   |
| Selenium   | 82-1  | 0.70     | 0.96     | 1.03     | 0.90       | 19.77   | ppb   |
| Silicon    | 28-1  | 1326.47  | 1309.02  | 1298.68  | 1311.39    | 1.07    | ppb   |
| Silver     | 109-1 | 0.14     | 0.13     | 0.13     | 0.13       | 4.40    | ppb   |
| Silver     | 107-1 | 0.16     | 0.14     | 0.13     | 0.14       | 12.58   | ppb   |
| Sodium     | 23-2  | 178.41   | 174.10   | 175.30   | 175.94     | 1.26    | ppb   |
| Strontium  | 86-1  | 14.67    | 14.45    | 14.43    | 14.52      | 0.93    | ppb   |
| Strontium  | 88-1  | 14.81    | 14.69    | 14.69    | 14.73      | 0.47    | ppb   |
| Sulfur     | 34-1  | -1083.02 | -1197.86 | -1172.48 | -1151.12   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 104        |         | %     |
| Terbium    | 159-2 |          |          |          | 98         |         | %     |
| Thallium   | 203-1 | 0.22     | 0.22     | 0.20     | 0.21       | 4.68    | ppb   |
| Thallium   | 205-1 | 0.22     | 0.20     | 0.20     | 0.20       | 5.53    | ppb   |
| Thorium    | 232-1 | 6.65     | 6.62     | 6.49     | 6.58       | 1.28    | ppb   |
| Tin        | 118-1 | 0.66     | 0.71     | 0.61     | 0.66       | 7.71    | ppb   |
| Titanium   | 47-1  | 47.27    | 45.56    | 46.16    | 46.33      | 1.87    | ppb   |
| Uranium    | 238-1 | 0.84     | 0.77     | 0.82     | 0.81       | 3.98    | ppb   |
| Vanadium   | 51-2  | 42.34    | 42.57    | 42.04    | 42.32      | 0.62    | ppb   |
| Yttrium    | 89-1  |          |          |          | 106        |         | %     |
| Yttrium    | 89-2  |          |          |          | 101        |         | %     |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-05DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS008-1824-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 18:50:50  | DataFile Name :   | 100SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 398.77  | 400.09  | 396.01  | 398.29     | 0.52    | ppb   |
| Zirconium | 90-1 | 10.68   | 10.60   | 10.62   | 10.63      | 0.42    | ppb   |
| Zirconium | 91-1 | 10.53   | 10.74   | 10.63   | 10.63      | 0.96    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-06DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS009-0006-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 18:54:27 DataFile Name : 101SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 28348.85 | 28472.04 | 28082.21 | 28301.03   | 0.70    | ppb   |
| Antimony   | 121-1 | 0.06     | 0.06     | 0.05     | 0.06       | 14.94   | ppb   |
| Arsenic    | 75-2  | 13.64    | 13.62    | 13.54    | 13.60      | 0.39    | ppb   |
| Barium     | 135-1 | 306.82   | 305.25   | 304.93   | 305.67     | 0.33    | ppb   |
| Barium     | 137-1 | 308.43   | 308.10   | 305.25   | 307.26     | 0.57    | ppb   |
| Beryllium  | 9-1   | 1.59     | 1.45     | 1.51     | 1.52       | 4.64    | ppb   |
| Bismuth    | 209-1 |          |          |          | 105        |         | %     |
| Bismuth    | 209-2 |          |          |          | 95         |         | %     |
| Boron      | 10-1  | 4.71     | 4.98     | 4.58     | 4.76       | 4.22    | ppb   |
| Boron      | 11-1  | 4.63     | 4.39     | 4.57     | 4.53       | 2.71    | ppb   |
| Cadmium    | 111-1 | 0.36     | 0.54     | 0.53     | 0.48       | 21.03   | ppb   |
| Cadmium    | 106-1 | -0.96    | 0.44     | 0.21     | -0.10      |         | ppb   |
| Cadmium    | 108-1 | 1.65     | 1.96     | 1.90     | 1.84       | 9.02    | ppb   |
| Calcium    | 43-1  | 4737.92  | 4742.15  | 4683.77  | 4721.28    | 0.69    | ppb   |
| Calcium    | 44-1  | 4760.00  | 4774.13  | 4720.53  | 4751.56    | 0.58    | ppb   |
| Chromium   | 52-2  | 35.55    | 35.69    | 35.79    | 35.68      | 0.34    | ppb   |
| Cobalt     | 59-2  | 27.70    | 27.41    | 28.07    | 27.72      | 1.18    | ppb   |
| Copper     | 63-2  | 63.42    | 63.96    | 63.19    | 63.52      | 0.63    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 109        |         | %     |
| Holmium    | 165-2 |          |          |          | 100        |         | %     |
| Indium     | 115-1 |          |          |          | 98         |         | %     |
| Indium     | 115-2 |          |          |          | 94         |         | %     |
| Iron       | 56-2  | 71218.04 | 71238.99 | 71065.75 | 71174.26   | 0.13    | ppb   |
| Iron       | 57-2  | 68554.83 | 69422.38 | 69009.05 | 68995.42   | 0.63    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 91.50    | 90.32    | 89.26    | 90.36      | 1.24    | ppb   |
| Lead       | 207-1 | 83.81    | 82.04    | 80.98    | 82.28      | 1.74    | ppb   |
| Lead       | 208-1 | 86.60    | 85.44    | 84.36    | 85.46      | 1.31    | ppb   |
| Lithium    | 6-1   |          |          |          | 90         |         | %     |
| Magnesium  | 24-2  | 12029.15 | 12072.32 | 12053.34 | 12051.60   | 0.18    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-06DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS009-0006-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 18:54:27 DataFile Name : 101SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 2536.77  | 2558.84  | 2541.46  | 2545.69    | 0.46    | ppb   |
| Molybdenum | 94-1  | 16.78    | 16.99    | 16.66    | 16.81      | 0.99    | ppb   |
| Molybdenum | 95-1  | 1.19     | 1.35     | 1.40     | 1.31       | 8.32    | ppb   |
| Molybdenum | 96-1  | 3.70     | 3.73     | 3.83     | 3.75       | 1.79    | ppb   |
| Molybdenum | 97-1  | 1.40     | 1.35     | 1.40     | 1.38       | 2.07    | ppb   |
| Molybdenum | 98-1  | 1.26     | 1.31     | 1.30     | 1.29       | 2.09    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 57.49    | 57.89    | 58.03    | 57.80      | 0.48    | ppb   |
| Phosphorus | 31-2  | 1066.23  | 1043.11  | 1044.70  | 1051.35    | 1.23    | ppb   |
| Potassium  | 39-2  | 1898.64  | 1899.38  | 1913.20  | 1903.74    | 0.43    | ppb   |
| Rhodium    | 103-1 |          |          |          | 96         |         | %     |
| Rhodium    | 103-2 |          |          |          | 89         |         | %     |
| Scandium   | 45-1  |          |          |          | 97         |         | %     |
| Scandium   | 45-2  |          |          |          | 91         |         | %     |
| Selenium   | 77-2  | 14.61    | 25.11    | 17.56    | 19.09      | 28.37   | ppb   |
| Selenium   | 78-2  | 3.99     | 3.24     | 4.64     | 3.96       | 17.66   | ppb   |
| Selenium   | 82-1  | 1.03     | 1.10     | 1.37     | 1.17       | 15.30   | ppb   |
| Silicon    | 28-1  | 1382.43  | 1390.50  | 1372.21  | 1381.71    | 0.66    | ppb   |
| Silver     | 109-1 | 0.07     | 0.07     | 0.06     | 0.07       | 9.41    | ppb   |
| Silver     | 107-1 | 0.08     | 0.07     | 0.07     | 0.08       | 8.03    | ppb   |
| Sodium     | 23-2  | 164.85   | 164.67   | 166.80   | 165.44     | 0.71    | ppb   |
| Strontium  | 86-1  | 21.32    | 21.27    | 21.30    | 21.30      | 0.11    | ppb   |
| Strontium  | 88-1  | 21.75    | 21.20    | 21.53    | 21.49      | 1.28    | ppb   |
| Sulfur     | 34-1  | -1291.50 | -1321.30 | -1401.07 | -1337.96   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 107        |         | %     |
| Terbium    | 159-2 |          |          |          | 99         |         | %     |
| Thallium   | 203-1 | 0.14     | 0.13     | 0.13     | 0.13       | 3.15    | ppb   |
| Thallium   | 205-1 | 0.14     | 0.14     | 0.14     | 0.14       | 2.51    | ppb   |
| Thorium    | 232-1 | 6.01     | 5.90     | 5.91     | 5.94       | 1.00    | ppb   |
| Tin        | 118-1 | 0.45     | 0.47     | 0.48     | 0.46       | 3.19    | ppb   |
| Titanium   | 47-1  | 32.30    | 32.42    | 31.93    | 32.22      | 0.79    | ppb   |
| Uranium    | 238-1 | 1.01     | 0.99     | 0.99     | 1.00       | 1.31    | ppb   |
| Vanadium   | 51-2  | 35.27    | 34.92    | 35.18    | 35.12      | 0.52    | ppb   |
| Yttrium    | 89-1  |          |          |          | 108        |         | %     |
| Yttrium    | 89-2  |          |          |          | 102        |         | %     |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-06DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS009-0006-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 18:54:27  | DataFile Name :   | 101SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 227.82  | 226.72  | 226.69  | 227.08     | 0.28    | ppb   |
| Zirconium | 90-1 | 10.27   | 10.22   | 10.16   | 10.22      | 0.51    | ppb   |
| Zirconium | 91-1 | 10.36   | 10.36   | 10.45   | 10.39      | 0.49    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-07DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS009-0612-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 18:58:03 DataFile Name : 102SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 32745.62 | 32391.59 | 32060.16 | 32399.12   | 1.06    | ppb   |
| Antimony   | 121-1 | 0.04     | 0.05     | 0.04     | 0.04       | 11.55   | ppb   |
| Arsenic    | 75-2  | 16.05    | 15.91    | 15.70    | 15.89      | 1.12    | ppb   |
| Barium     | 135-1 | 292.69   | 289.14   | 283.57   | 288.47     | 1.59    | ppb   |
| Barium     | 137-1 | 293.70   | 288.49   | 288.28   | 290.16     | 1.06    | ppb   |
| Beryllium  | 9-1   | 1.78     | 1.70     | 1.62     | 1.70       | 4.47    | ppb   |
| Bismuth    | 209-1 |          |          |          | 106        |         | %     |
| Bismuth    | 209-2 |          |          |          | 96         |         | %     |
| Boron      | 10-1  | 3.52     | 3.50     | 3.62     | 3.55       | 1.73    | ppb   |
| Boron      | 11-1  | 3.63     | 3.51     | 3.53     | 3.56       | 1.84    | ppb   |
| Cadmium    | 111-1 | 0.27     | 0.33     | 0.26     | 0.29       | 13.42   | ppb   |
| Cadmium    | 106-1 | -0.46    | 0.20     | -0.43    | -0.23      |         | ppb   |
| Cadmium    | 108-1 | 2.10     | 1.72     | 1.69     | 1.83       | 12.40   | ppb   |
| Calcium    | 43-1  | 3996.55  | 3993.14  | 3902.85  | 3964.18    | 1.34    | ppb   |
| Calcium    | 44-1  | 4012.83  | 4018.54  | 3992.38  | 4007.92    | 0.34    | ppb   |
| Chromium   | 52-2  | 39.66    | 39.95    | 38.93    | 39.51      | 1.34    | ppb   |
| Cobalt     | 59-2  | 28.73    | 28.85    | 28.07    | 28.55      | 1.47    | ppb   |
| Copper     | 63-2  | 76.51    | 76.49    | 75.31    | 76.10      | 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 |          |          |          | 110        |         | %     |
| Holmium    | 165-2 |          |          |          | 101        |         | %     |
| Indium     | 115-1 |          |          |          | 99         |         | %     |
| Indium     | 115-2 |          |          |          | 94         |         | %     |
| Iron       | 56-2  | 79986.30 | 79581.81 | 78011.27 | 79193.13   | 1.32    | ppb   |
| Iron       | 57-2  | 76739.32 | 76578.21 | 75324.99 | 76214.17   | 1.02    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 113.34   | 111.96   | 112.31   | 112.54     | 0.63    | ppb   |
| Lead       | 207-1 | 103.04   | 102.28   | 101.89   | 102.40     | 0.57    | ppb   |
| Lead       | 208-1 | 106.95   | 105.98   | 105.89   | 106.27     | 0.55    | ppb   |
| Lithium    | 6-1   |          |          |          | 91         |         | %     |
| Magnesium  | 24-2  | 13080.40 | 13033.50 | 12944.63 | 13019.51   | 0.53    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-07DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS009-0612-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 18:58:03  | DataFile Name :   | 102SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 2609.09  | 2616.90  | 2552.34  | 2592.78    | 1.36    | ppb   |
| Molybdenum | 94-1  | 17.97    | 17.32    | 17.49    | 17.59      | 1.91    | ppb   |
| Molybdenum | 95-1  | 1.34     | 1.39     | 1.33     | 1.36       | 2.33    | ppb   |
| Molybdenum | 96-1  | 4.00     | 4.00     | 3.96     | 3.99       | 0.50    | ppb   |
| Molybdenum | 97-1  | 1.42     | 1.34     | 1.38     | 1.38       | 2.80    | ppb   |
| Molybdenum | 98-1  | 1.32     | 1.38     | 1.41     | 1.37       | 3.16    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 58.26    | 58.51    | 57.70    | 58.16      | 0.72    | ppb   |
| Phosphorus | 31-2  | 1359.55  | 1335.53  | 1352.35  | 1349.15    | 0.91    | ppb   |
| Potassium  | 39-2  | 1789.38  | 1787.36  | 1744.97  | 1773.90    | 1.41    | ppb   |
| Rhodium    | 103-1 |          |          |          | 97         |         | %     |
| Rhodium    | 103-2 |          |          |          | 90         |         | %     |
| Scandium   | 45-1  |          |          |          | 98         |         | %     |
| Scandium   | 45-2  |          |          |          | 92         |         | %     |
| Selenium   | 77-2  | 16.59    | 20.81    | 16.49    | 17.96      | 13.72   | ppb   |
| Selenium   | 78-2  | 5.03     | 5.31     | 4.92     | 5.09       | 3.98    | ppb   |
| Selenium   | 82-1  | 1.15     | 0.73     | 1.03     | 0.97       | 22.13   | ppb   |
| Silicon    | 28-1  | 1465.39  | 1461.03  | 1458.24  | 1461.55    | 0.25    | ppb   |
| Silver     | 109-1 | 0.08     | 0.08     | 0.08     | 0.08       | 1.33    | ppb   |
| Silver     | 107-1 | 0.10     | 0.10     | 0.11     | 0.10       | 3.89    | ppb   |
| Sodium     | 23-2  | 286.41   | 281.84   | 287.65   | 285.30     | 1.07    | ppb   |
| Strontium  | 86-1  | 17.69    | 17.37    | 17.48    | 17.51      | 0.93    | ppb   |
| Strontium  | 88-1  | 17.86    | 17.92    | 17.93    | 17.90      | 0.22    | ppb   |
| Sulfur     | 34-1  | -1484.80 | -1477.08 | -1429.68 | -1463.85   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 100        |         | %     |
| Thallium   | 203-1 | 0.13     | 0.12     | 0.16     | 0.14       | 14.93   | ppb   |
| Thallium   | 205-1 | 0.14     | 0.15     | 0.15     | 0.15       | 3.89    | ppb   |
| Thorium    | 232-1 | 6.79     | 6.76     | 6.80     | 6.78       | 0.31    | ppb   |
| Tin        | 118-1 | 0.40     | 0.40     | 0.38     | 0.39       | 3.79    | ppb   |
| Titanium   | 47-1  | 36.51    | 35.83    | 35.85    | 36.06      | 1.08    | ppb   |
| Uranium    | 238-1 | 1.11     | 1.10     | 1.11     | 1.11       | 0.76    | ppb   |
| Vanadium   | 51-2  | 40.68    | 41.11    | 39.51    | 40.43      | 2.05    | ppb   |
| Yttrium    | 89-1  |          |          |          | 112        |         | %     |
| Yttrium    | 89-2  |          |          |          | 105        |         | %     |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-07DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS009-0612-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 18:58:03  | DataFile Name :   | 102SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 234.78  | 235.41  | 229.90  | 233.36     | 1.29    | ppb   |
| Zirconium | 90-1 | 10.92   | 10.68   | 10.86   | 10.82      | 1.15    | ppb   |
| Zirconium | 91-1 | 10.86   | 10.95   | 10.77   | 10.86      | 0.83    | ppb   |



LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-08DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS009-1218-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 19:01:40 DataFile Name : 103SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 33540.64 | 33484.17 | 33507.15 | 33510.66   | 0.08    | ppb   |
| Antimony   | 121-1 | 0.06     | 0.07     | 0.07     | 0.07       | 13.69   | ppb   |
| Arsenic    | 75-2  | 19.57    | 20.61    | 20.26    | 20.14      | 2.63    | ppb   |
| Barium     | 135-1 | 252.66   | 250.92   | 251.24   | 251.60     | 0.37    | ppb   |
| Barium     | 137-1 | 249.93   | 252.24   | 251.58   | 251.25     | 0.47    | ppb   |
| Beryllium  | 9-1   | 1.73     | 1.83     | 1.71     | 1.76       | 3.70    | ppb   |
| Bismuth    | 209-1 |          |          |          | 107        |         | %     |
| Bismuth    | 209-2 |          |          |          | 96         |         | %     |
| Boron      | 10-1  | 2.59     | 2.73     | 2.70     | 2.68       | 2.70    | ppb   |
| Boron      | 11-1  | 3.01     | 3.03     | 2.87     | 2.97       | 2.90    | ppb   |
| Cadmium    | 111-1 | 0.23     | 0.09     | 0.11     | 0.14       | 50.74   | ppb   |
| Cadmium    | 106-1 | 0.15     | -0.97    | -0.96    | -0.59      |         | ppb   |
| Cadmium    | 108-1 | 1.28     | 1.28     | 1.31     | 1.29       | 1.24    | ppb   |
| Calcium    | 43-1  | 1364.46  | 1337.30  | 1364.58  | 1355.45    | 1.16    | ppb   |
| Calcium    | 44-1  | 1386.76  | 1371.71  | 1372.41  | 1376.96    | 0.62    | ppb   |
| Chromium   | 52-2  | 39.20    | 39.99    | 39.81    | 39.67      | 1.04    | ppb   |
| Cobalt     | 59-2  | 28.52    | 29.10    | 29.32    | 28.98      | 1.43    | ppb   |
| Copper     | 63-2  | 84.75    | 85.76    | 85.18    | 85.23      | 0.60    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 111        |         | %     |
| Holmium    | 165-2 |          |          |          | 102        |         | %     |
| Indium     | 115-1 |          |          |          | 100        |         | %     |
| Indium     | 115-2 |          |          |          | 95         |         | %     |
| Iron       | 56-2  | 78604.34 | 79092.26 | 79166.10 | 78954.23   | 0.39    | ppb   |
| Iron       | 57-2  | 75390.75 | 77154.33 | 76813.55 | 76452.88   | 1.22    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 95.37    | 96.52    | 94.68    | 95.52      | 0.98    | ppb   |
| Lead       | 207-1 | 87.50    | 88.39    | 87.74    | 87.88      | 0.52    | ppb   |
| Lead       | 208-1 | 90.48    | 91.02    | 90.42    | 90.64      | 0.36    | ppb   |
| Lithium    | 6-1   |          |          |          | 92         |         | %     |
| Magnesium  | 24-2  | 13835.30 | 13984.62 | 13918.98 | 13912.96   | 0.54    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-08DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS009-1218-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 19:01:40 DataFile Name : 103SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 2657.19  | 2700.93  | 2695.90  | 2684.67    | 0.89    | ppb   |
| Molybdenum | 94-1  | 15.51    | 15.92    | 15.58    | 15.67      | 1.42    | ppb   |
| Molybdenum | 95-1  | 1.14     | 1.10     | 1.13     | 1.12       | 1.87    | ppb   |
| Molybdenum | 96-1  | 3.58     | 3.58     | 3.47     | 3.54       | 1.70    | ppb   |
| Molybdenum | 97-1  | 1.08     | 1.21     | 1.12     | 1.14       | 6.11    | ppb   |
| Molybdenum | 98-1  | 1.13     | 1.15     | 1.08     | 1.12       | 3.26    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 58.06    | 59.00    | 57.82    | 58.29      | 1.08    | ppb   |
| Phosphorus | 31-2  | 848.25   | 898.43   | 840.07   | 862.25     | 3.66    | ppb   |
| Potassium  | 39-2  | 1389.17  | 1408.44  | 1414.50  | 1404.04    | 0.94    | ppb   |
| Rhodium    | 103-1 |          |          |          | 97         |         | %     |
| Rhodium    | 103-2 |          |          |          | 91         |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 93         |         | %     |
| Selenium   | 77-2  | 23.43    | 23.67    | 23.07    | 23.39      | 1.29    | ppb   |
| Selenium   | 78-2  | 4.43     | 5.10     | 4.44     | 4.66       | 8.28    | ppb   |
| Selenium   | 82-1  | 1.03     | 1.17     | 0.92     | 1.04       | 11.85   | ppb   |
| Silicon    | 28-1  | 3328.11  | 3328.09  | 3343.25  | 3333.15    | 0.26    | ppb   |
| Silver     | 109-1 | 0.11     | 0.12     | 0.12     | 0.11       | 7.32    | ppb   |
| Silver     | 107-1 | 0.12     | 0.13     | 0.13     | 0.13       | 5.55    | ppb   |
| Sodium     | 23-2  | 149.18   | 155.43   | 146.95   | 150.52     | 2.92    | ppb   |
| Strontium  | 86-1  | 7.95     | 8.18     | 8.32     | 8.15       | 2.25    | ppb   |
| Strontium  | 88-1  | 8.25     | 8.25     | 8.28     | 8.26       | 0.21    | ppb   |
| Sulfur     | 34-1  | -1801.38 | -1883.61 | -1818.58 | -1834.52   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 101        |         | %     |
| Thallium   | 203-1 | 0.10     | 0.15     | 0.13     | 0.13       | 17.39   | ppb   |
| Thallium   | 205-1 | 0.15     | 0.15     | 0.15     | 0.15       | 1.91    | ppb   |
| Thorium    | 232-1 | 7.20     | 7.18     | 7.27     | 7.21       | 0.66    | ppb   |
| Tin        | 118-1 | 0.40     | 0.41     | 0.44     | 0.42       | 5.22    | ppb   |
| Titanium   | 47-1  | 58.39    | 56.82    | 57.41    | 57.54      | 1.37    | ppb   |
| Uranium    | 238-1 | 0.90     | 0.87     | 0.91     | 0.89       | 2.35    | ppb   |
| Vanadium   | 51-2  | 39.23    | 39.00    | 39.25    | 39.16      | 0.35    | ppb   |
| Yttrium    | 89-1  |          |          |          | 112        |         | %     |
| Yttrium    | 89-2  |          |          |          | 106        |         | %     |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-08DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS009-1218-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 19:01:40  | DataFile Name :   | 103SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 204.66  | 208.43  | 209.88  | 207.66     | 1.30    | ppb   |
| Zirconium | 90-1 | 9.68    | 9.59    | 9.74    | 9.67       | 0.79    | ppb   |
| Zirconium | 91-1 | 9.69    | 9.82    | 9.56    | 9.69       | 1.30    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100071            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV31               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV31               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-12-27 19:05:17 | DataFile Name :   | 104CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 50921.97  | 51476.98  | 51325.74  | 51241.56   | 0.56    | ppb   |
| Antimony   | 121-1 | 486.28    | 481.28    | 480.35    | 482.64     | 0.66    | ppb   |
| Arsenic    | 75-2  | 494.12    | 498.94    | 496.94    | 496.67     | 0.49    | ppb   |
| Barium     | 135-1 | 2454.55   | 2465.79   | 2426.83   | 2449.06    | 0.82    | ppb   |
| Barium     | 137-1 | 2516.59   | 2512.37   | 2512.08   | 2513.68    | 0.10    | ppb   |
| Beryllium  | 9-1   | 505.36    | 505.20    | 501.39    | 503.98     | 0.45    | ppb   |
| Bismuth    | 209-1 |           |           |           | 86         |         | %     |
| Bismuth    | 209-2 |           |           |           | 81         |         | %     |
| Boron      | 10-1  | 489.64    | 491.42    | 499.51    | 493.52     | 1.07    | ppb   |
| Boron      | 11-1  | 487.86    | 492.50    | 496.42    | 492.26     | 0.87    | ppb   |
| Cadmium    | 111-1 | 446.98    | 450.73    | 443.72    | 447.14     | 0.78    | ppb   |
| Cadmium    | 106-1 | 459.09    | 461.08    | 448.83    | 456.33     | 1.44    | ppb   |
| Cadmium    | 108-1 | 457.94    | 453.84    | 450.33    | 454.04     | 0.84    | ppb   |
| Calcium    | 43-1  | 245964.50 | 245326.80 | 244628.83 | 245306.71  | 0.27    | ppb   |
| Calcium    | 44-1  | 247365.98 | 247888.40 | 246744.26 | 247332.88  | 0.23    | ppb   |
| Chromium   | 52-2  | 505.11    | 507.49    | 507.61    | 506.74     | 0.28    | ppb   |
| Cobalt     | 59-2  | 494.92    | 492.01    | 494.74    | 493.89     | 0.33    | ppb   |
| Copper     | 63-2  | 988.66    | 989.61    | 996.66    | 991.64     | 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 |           |           |           | 101        |         | %     |
| Holmium    | 165-2 |           |           |           | 93         |         | %     |
| Indium     | 115-1 |           |           |           | 86         |         | %     |
| Indium     | 115-2 |           |           |           | 83         |         | %     |
| Iron       | 56-2  | 134067.52 | 133781.77 | 133681.79 | 133843.69  | 0.15    | ppb   |
| Iron       | 57-2  | 135409.88 | 133751.41 | 134023.93 | 134395.07  | 0.66    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 524.71    | 528.20    | 527.31    | 526.74     | 0.34    | ppb   |
| Lead       | 207-1 | 519.69    | 525.84    | 521.67    | 522.40     | 0.60    | ppb   |
| Lead       | 208-1 | 530.08    | 533.16    | 533.13    | 532.12     | 0.33    | ppb   |
| Lithium    | 6-1   |           |           |           | 80         |         | %     |
| Magnesium  | 24-2  | 249037.39 | 250151.21 | 250594.58 | 249927.73  | 0.32    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100071            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV31               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV31               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-12-27 19:05:17 | DataFile Name :   | 104CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 1007.34   | 1010.24   | 1004.51   | 1007.36    | 0.28    | ppb   |
| Molybdenum | 94-1  | 2509.41   | 2517.87   | 2500.97   | 2509.42    | 0.34    | ppb   |
| Molybdenum | 95-1  | 2518.77   | 2520.87   | 2514.29   | 2517.98    | 0.13    | ppb   |
| Molybdenum | 96-1  | 2541.63   | 2532.72   | 2514.33   | 2529.56    | 0.55    | ppb   |
| Molybdenum | 97-1  | 2525.10   | 2530.88   | 2515.58   | 2523.85    | 0.31    | ppb   |
| Molybdenum | 98-1  | 2528.94   | 2536.65   | 2500.50   | 2522.03    | 0.75    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 488.66    | 484.90    | 492.62    | 488.73     | 0.79    | ppb   |
| Phosphorus | 31-2  | 9818.93   | 9733.57   | 9962.49   | 9838.33    | 1.18    | ppb   |
| Potassium  | 39-2  | 130079.60 | 130808.41 | 131261.68 | 130716.56  | 0.46    | ppb   |
| Rhodium    | 103-1 |           |           |           | 81         |         | %     |
| Rhodium    | 103-2 |           |           |           | 76         |         | %     |
| Scandium   | 45-1  |           |           |           | 86         |         | %     |
| Scandium   | 45-2  |           |           |           | 83         |         | %     |
| Selenium   | 77-2  | 482.91    | 473.89    | 509.26    | 488.69     | 3.76    | ppb   |
| Selenium   | 78-2  | 499.96    | 492.49    | 480.26    | 490.90     | 2.03    | ppb   |
| Selenium   | 82-1  | 475.87    | 471.29    | 472.08    | 473.08     | 0.52    | ppb   |
| Silicon    | 28-1  | 498.43    | 511.06    | 513.47    | 507.65     | 1.59    | ppb   |
| Silver     | 109-1 | 472.12    | 471.47    | 469.11    | 470.90     | 0.34    | ppb   |
| Silver     | 107-1 | 476.40    | 477.14    | 472.18    | 475.24     | 0.56    | ppb   |
| Sodium     | 23-2  | 246945.61 | 247660.50 | 248287.85 | 247631.32  | 0.27    | ppb   |
| Strontium  | 86-1  | 492.16    | 489.33    | 485.59    | 489.03     | 0.67    | ppb   |
| Strontium  | 88-1  | 504.69    | 504.66    | 502.54    | 503.97     | 0.24    | ppb   |
| Sulfur     | 34-1  | 9472.48   | 9599.08   | 9439.63   | 9503.73    | 0.89    | ppb   |
| Terbium    | 159-1 |           |           |           | 99         |         | %     |
| Terbium    | 159-2 |           |           |           | 93         |         | %     |
| Thallium   | 203-1 | 522.81    | 524.90    | 521.08    | 522.93     | 0.37    | ppb   |
| Thallium   | 205-1 | 549.95    | 553.42    | 549.84    | 551.07     | 0.37    | ppb   |
| Thorium    | 232-1 | 538.28    | 536.76    | 541.33    | 538.79     | 0.43    | ppb   |
| Tin        | 118-1 | 467.83    | 468.18    | 465.89    | 467.30     | 0.26    | ppb   |
| Titanium   | 47-1  | 2471.74   | 2488.48   | 2482.06   | 2480.76    | 0.34    | ppb   |
| Uranium    | 238-1 | 519.30    | 518.81    | 523.95    | 520.69     | 0.54    | ppb   |
| Vanadium   | 51-2  | 508.60    | 509.71    | 512.06    | 510.12     | 0.35    | ppb   |
| Yttrium    | 89-1  |           |           |           | 90         |         | %     |
| Yttrium    | 89-2  |           |           |           | 86         |         | %     |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100071            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV31               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV31               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-12-27 19:05:17 | DataFile Name :   | 104CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 996.45  | 997.87  | 1002.24 | 998.85     | 0.30    | ppb   |
| Zirconium | 90-1 | 505.63  | 507.00  | 503.25  | 505.30     | 0.38    | ppb   |
| Zirconium | 91-1 | 494.21  | 500.75  | 491.25  | 495.40     | 0.98    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB31               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB31               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 19:08:59 | DataFile Name :   | 105CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 8.24    | 7.68    | 9.96    | 8.63       | 13.83   | ppb   |
| Antimony   | 121-1 | 0.21    | 0.17    | 0.21    | 0.20       | 12.75   | ppb   |
| Arsenic    | 75-2  | 0.10    | 0.09    | 0.06    | 0.09       | 25.54   | ppb   |
| Barium     | 135-1 | 0.38    | 0.35    | 0.33    | 0.35       | 6.19    | ppb   |
| Barium     | 137-1 | 0.34    | 0.31    | 0.36    | 0.33       | 7.16    | ppb   |
| Beryllium  | 9-1   | 0.09    | 0.11    | 0.10    | 0.10       | 8.02    | ppb   |
| Bismuth    | 209-1 |         |         |         | 109        |         | %     |
| Bismuth    | 209-2 |         |         |         | 99         |         | %     |
| Boron      | 10-1  | 6.68    | 6.29    | 5.82    | 6.27       | 6.88    | ppb   |
| Boron      | 11-1  | 6.77    | 6.43    | 5.82    | 6.34       | 7.63    | ppb   |
| Cadmium    | 111-1 | -0.17   | -0.21   | -0.17   | -0.19      |         | ppb   |
| Cadmium    | 106-1 | -3.11   | -3.59   | -3.43   | -3.37      |         | ppb   |
| Cadmium    | 108-1 | -0.02   | 0.01    | -0.02   | -0.01      |         | ppb   |
| Calcium    | 43-1  | 34.03   | 28.01   | 30.43   | 30.82      | 9.82    | ppb   |
| Calcium    | 44-1  | 34.71   | 32.12   | 29.48   | 32.10      | 8.14    | ppb   |
| Chromium   | 52-2  | 0.03    | 0.00    | 0.03    | 0.02       | 100.20  | ppb   |
| Cobalt     | 59-2  | 0.07    | 0.05    | 0.05    | 0.06       | 19.86   | ppb   |
| Copper     | 63-2  | 0.16    | 0.12    | 0.12    | 0.13       | 15.43   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 109        |         | %     |
| Holmium    | 165-2 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 102        |         | %     |
| Indium     | 115-2 |         |         |         | 97         |         | %     |
| Iron       | 56-2  | 18.38   | 19.49   | 19.56   | 19.14      | 3.45    | ppb   |
| Iron       | 57-2  | 21.18   | 17.03   | 17.48   | 18.56      | 12.27   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.14    | 0.14    | 0.17    | 0.15       | 9.41    | ppb   |
| Lead       | 207-1 | 0.14    | 0.13    | 0.10    | 0.12       | 16.17   | ppb   |
| Lead       | 208-1 | 0.14    | 0.13    | 0.13    | 0.13       | 5.79    | ppb   |
| Lithium    | 6-1   |         |         |         | 91         |         | %     |
| Magnesium  | 24-2  | 29.06   | 31.11   | 33.08   | 31.09      | 6.46    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB31               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB31               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 19:08:59 | DataFile Name :   | 105CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.19    | 0.19    | 0.22    | 0.20       | 9.38    | ppb   |
| Molybdenum | 94-1  | 0.72    | 0.60    | 0.48    | 0.60       | 19.91   | ppb   |
| Molybdenum | 95-1  | 0.69    | 0.66    | 0.60    | 0.65       | 7.26    | ppb   |
| Molybdenum | 96-1  | 0.81    | 0.71    | 0.62    | 0.71       | 13.24   | ppb   |
| Molybdenum | 97-1  | 0.78    | 0.55    | 0.58    | 0.64       | 19.58   | ppb   |
| Molybdenum | 98-1  | 0.79    | 0.68    | 0.60    | 0.69       | 13.63   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.07    | 0.05    | 0.05    | 0.06       | 16.40   | ppb   |
| Phosphorus | 31-2  | -50.07  | -51.92  | -55.28  | -52.42     |         | ppb   |
| Potassium  | 39-2  | 18.26   | 19.28   | 22.92   | 20.15      | 12.15   | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Rhodium    | 103-2 |         |         |         | 93         |         | %     |
| Scandium   | 45-1  |         |         |         | 97         |         | %     |
| Scandium   | 45-2  |         |         |         | 91         |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.63    | 0.12    | 0.84    | 0.53       | 69.99   | ppb   |
| Selenium   | 82-1  | 0.12    | -0.20   | -0.21   | -0.09      |         | ppb   |
| Silicon    | 28-1  | -3.25   | -3.66   | -4.18   | -3.70      |         | ppb   |
| Silver     | 109-1 | 0.09    | 0.08    | 0.08    | 0.08       | 6.44    | ppb   |
| Silver     | 107-1 | 0.08    | 0.08    | 0.07    | 0.07       | 9.85    | ppb   |
| Sodium     | 23-2  | 37.20   | 34.45   | 34.31   | 35.32      | 4.62    | ppb   |
| Strontium  | 86-1  | 0.05    | 0.02    | 0.00    | 0.02       | 127.96  | ppb   |
| Strontium  | 88-1  | 0.06    | 0.06    | 0.06    | 0.06       | 3.49    | ppb   |
| Sulfur     | 34-1  | -645.06 | -670.14 | -642.15 | -652.45    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 108        |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 0.12    | 0.12    | 0.10    | 0.12       | 9.35    | ppb   |
| Thallium   | 205-1 | 0.13    | 0.12    | 0.12    | 0.12       | 7.68    | ppb   |
| Thorium    | 232-1 | 0.08    | 0.08    | 0.08    | 0.08       | 4.00    | ppb   |
| Tin        | 118-1 | 0.09    | 0.11    | 0.11    | 0.10       | 10.41   | ppb   |
| Titanium   | 47-1  | 0.44    | 0.38    | 0.29    | 0.37       | 20.97   | ppb   |
| Uranium    | 238-1 | 0.06    | 0.05    | 0.06    | 0.06       | 6.85    | ppb   |
| Vanadium   | 51-2  | 0.04    | 0.09    | 0.07    | 0.07       | 36.71   | ppb   |
| Yttrium    | 89-1  |         |         |         | 101        |         | %     |
| Yttrium    | 89-2  |         |         |         | 96         |         | %     |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB31               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB31               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 19:08:59 | DataFile Name :   | 105CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 0.08    | 0.30    | 0.18    | 0.19       | 59.28   | ppb   |
| Zirconium | 90-1 | 0.07    | 0.07    | 0.06    | 0.07       | 9.52    | ppb   |
| Zirconium | 91-1 | 0.06    | 0.06    | 0.05    | 0.06       | 8.20    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-09DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS009-1824-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 19:12:33 DataFile Name : 106SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 32981.29 | 33133.38 | 33089.84 | 33068.17   | 0.24    | ppb   |
| Antimony   | 121-1 | 0.13     | 0.11     | 0.11     | 0.11       | 8.80    | ppb   |
| Arsenic    | 75-2  | 16.79    | 17.24    | 17.53    | 17.19      | 2.18    | ppb   |
| Barium     | 135-1 | 277.08   | 274.97   | 276.11   | 276.05     | 0.38    | ppb   |
| Barium     | 137-1 | 277.19   | 275.14   | 273.47   | 275.27     | 0.68    | ppb   |
| Beryllium  | 9-1   | 1.80     | 1.70     | 1.69     | 1.73       | 3.33    | ppb   |
| Bismuth    | 209-1 |          |          |          | 108        |         | %     |
| Bismuth    | 209-2 |          |          |          | 98         |         | %     |
| Boron      | 10-1  | 5.13     | 5.82     | 5.26     | 5.40       | 6.78    | ppb   |
| Boron      | 11-1  | 5.56     | 5.50     | 5.48     | 5.51       | 0.81    | ppb   |
| Cadmium    | 111-1 | 0.16     | 0.18     | 0.09     | 0.14       | 34.45   | ppb   |
| Cadmium    | 106-1 | -0.92    | -0.55    | -1.59    | -1.02      |         | ppb   |
| Cadmium    | 108-1 | 1.78     | 1.42     | 1.48     | 1.56       | 12.42   | ppb   |
| Calcium    | 43-1  | 1510.25  | 1462.68  | 1499.49  | 1490.80    | 1.67    | ppb   |
| Calcium    | 44-1  | 1515.92  | 1495.61  | 1508.15  | 1506.56    | 0.68    | ppb   |
| Chromium   | 52-2  | 36.62    | 37.04    | 36.91    | 36.86      | 0.59    | ppb   |
| Cobalt     | 59-2  | 29.34    | 29.54    | 29.27    | 29.38      | 0.48    | ppb   |
| Copper     | 63-2  | 77.78    | 78.22    | 78.01    | 78.00      | 0.28    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 112        |         | %     |
| Holmium    | 165-2 |          |          |          | 104        |         | %     |
| Indium     | 115-1 |          |          |          | 102        |         | %     |
| Indium     | 115-2 |          |          |          | 98         |         | %     |
| Iron       | 56-2  | 76990.25 | 76854.31 | 76742.90 | 76862.48   | 0.16    | ppb   |
| Iron       | 57-2  | 73665.56 | 74719.05 | 74510.03 | 74298.21   | 0.75    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 133.92   | 134.83   | 133.51   | 134.09     | 0.50    | ppb   |
| Lead       | 207-1 | 124.14   | 125.06   | 122.42   | 123.87     | 1.08    | ppb   |
| Lead       | 208-1 | 127.75   | 128.49   | 126.74   | 127.66     | 0.69    | ppb   |
| Lithium    | 6-1   |          |          |          | 94         |         | %     |
| Magnesium  | 24-2  | 12761.30 | 12738.85 | 12712.69 | 12737.61   | 0.19    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-09DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS009-1824-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 19:12:33 DataFile Name : 106SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 3153.82  | 3186.07  | 3165.01  | 3168.30    | 0.52    | ppb   |
| Molybdenum | 94-1  | 17.74    | 17.89    | 17.38    | 17.67      | 1.49    | ppb   |
| Molybdenum | 95-1  | 1.22     | 1.22     | 1.28     | 1.24       | 3.02    | ppb   |
| Molybdenum | 96-1  | 3.83     | 3.59     | 3.92     | 3.78       | 4.53    | ppb   |
| Molybdenum | 97-1  | 1.24     | 1.15     | 1.09     | 1.16       | 6.19    | ppb   |
| Molybdenum | 98-1  | 1.16     | 1.21     | 1.16     | 1.18       | 2.53    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 53.73    | 54.27    | 53.88    | 53.96      | 0.52    | ppb   |
| Phosphorus | 31-2  | 853.13   | 1030.80  | 890.73   | 924.89     | 10.12   | ppb   |
| Potassium  | 39-2  | 1454.88  | 1466.89  | 1451.67  | 1457.81    | 0.55    | ppb   |
| Rhodium    | 103-1 |          |          |          | 99         |         | %     |
| Rhodium    | 103-2 |          |          |          | 94         |         | %     |
| Scandium   | 45-1  |          |          |          | 102        |         | %     |
| Scandium   | 45-2  |          |          |          | 97         |         | %     |
| Selenium   | 77-2  | 21.23    | 22.50    | 16.83    | 20.19      | 14.74   | ppb   |
| Selenium   | 78-2  | 5.64     | 4.07     | 3.80     | 4.50       | 22.09   | ppb   |
| Selenium   | 82-1  | 1.10     | 0.94     | 1.08     | 1.04       | 8.37    | ppb   |
| Silicon    | 28-1  | 3172.70  | 3140.54  | 3180.71  | 3164.65    | 0.67    | ppb   |
| Silver     | 109-1 | 0.13     | 0.12     | 0.10     | 0.12       | 9.66    | ppb   |
| Silver     | 107-1 | 0.15     | 0.16     | 0.15     | 0.15       | 3.62    | ppb   |
| Sodium     | 23-2  | 159.49   | 158.27   | 164.15   | 160.64     | 1.93    | ppb   |
| Strontium  | 86-1  | 8.81     | 8.80     | 8.63     | 8.75       | 1.19    | ppb   |
| Strontium  | 88-1  | 8.76     | 8.75     | 8.64     | 8.72       | 0.74    | ppb   |
| Sulfur     | 34-1  | -1222.93 | -1391.62 | -1499.42 | -1371.32   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 110        |         | %     |
| Terbium    | 159-2 |          |          |          | 104        |         | %     |
| Thallium   | 203-1 | 0.17     | 0.19     | 0.21     | 0.19       | 8.95    | ppb   |
| Thallium   | 205-1 | 0.20     | 0.20     | 0.21     | 0.20       | 3.36    | ppb   |
| Thorium    | 232-1 | 8.33     | 8.30     | 8.28     | 8.30       | 0.30    | ppb   |
| Tin        | 118-1 | 0.70     | 0.75     | 0.67     | 0.71       | 5.57    | ppb   |
| Titanium   | 47-1  | 55.87    | 54.69    | 55.97    | 55.51      | 1.28    | ppb   |
| Uranium    | 238-1 | 0.97     | 0.98     | 0.96     | 0.97       | 0.89    | ppb   |
| Vanadium   | 51-2  | 39.01    | 38.60    | 38.40    | 38.67      | 0.79    | ppb   |
| Yttrium    | 89-1  |          |          |          | 115        |         | %     |
| Yttrium    | 89-2  |          |          |          | 110        |         | %     |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-09DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS009-1824-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 19:12:33  | DataFile Name :   | 106SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 191.50  | 192.13  | 192.57  | 192.06     | 0.28    | ppb   |
| Zirconium | 90-1 | 10.80   | 10.85   | 10.72   | 10.79      | 0.60    | ppb   |
| Zirconium | 91-1 | 10.89   | 10.58   | 10.62   | 10.70      | 1.61    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-10DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS010-0006-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 19:16:10 DataFile Name : 107SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 20774.26 | 20713.70 | 20875.05 | 20787.67   | 0.39    | ppb   |
| Antimony   | 121-1 | 0.13     | 0.12     | 0.14     | 0.13       | 9.26    | ppb   |
| Arsenic    | 75-2  | 9.92     | 10.25    | 10.12    | 10.10      | 1.67    | ppb   |
| Barium     | 135-1 | 324.73   | 319.55   | 315.19   | 319.83     | 1.49    | ppb   |
| Barium     | 137-1 | 323.50   | 320.14   | 314.94   | 319.53     | 1.35    | ppb   |
| Beryllium  | 9-1   | 1.19     | 1.18     | 1.07     | 1.15       | 5.74    | ppb   |
| Bismuth    | 209-1 |          |          |          | 108        |         | %     |
| Bismuth    | 209-2 |          |          |          | 98         |         | %     |
| Boron      | 10-1  | 5.15     | 4.99     | 4.37     | 4.84       | 8.52    | ppb   |
| Boron      | 11-1  | 4.43     | 4.86     | 4.86     | 4.72       | 5.22    | ppb   |
| Cadmium    | 111-1 | 0.42     | 0.38     | 0.32     | 0.37       | 13.16   | ppb   |
| Cadmium    | 106-1 | -1.31    | -1.40    | -1.56    | -1.42      |         | ppb   |
| Cadmium    | 108-1 | 1.56     | 1.10     | 1.29     | 1.32       | 17.66   | ppb   |
| Calcium    | 43-1  | 8092.44  | 8109.06  | 7971.91  | 8057.80    | 0.93    | ppb   |
| Calcium    | 44-1  | 8205.06  | 8134.22  | 8069.89  | 8136.39    | 0.83    | ppb   |
| Chromium   | 52-2  | 27.96    | 27.89    | 27.89    | 27.91      | 0.15    | ppb   |
| Cobalt     | 59-2  | 19.46    | 19.37    | 19.60    | 19.48      | 0.61    | ppb   |
| Copper     | 63-2  | 54.72    | 55.15    | 55.41    | 55.09      | 0.63    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 111        |         | %     |
| Holmium    | 165-2 |          |          |          | 104        |         | %     |
| Indium     | 115-1 |          |          |          | 102        |         | %     |
| Indium     | 115-2 |          |          |          | 98         |         | %     |
| Iron       | 56-2  | 49827.42 | 49007.38 | 49619.51 | 49484.77   | 0.86    | ppb   |
| Iron       | 57-2  | 47488.05 | 47136.10 | 47600.73 | 47408.30   | 0.51    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 107.65   | 107.06   | 104.14   | 106.28     | 1.77    | ppb   |
| Lead       | 207-1 | 98.83    | 97.42    | 95.13    | 97.12      | 1.92    | ppb   |
| Lead       | 208-1 | 102.09   | 101.15   | 98.58    | 100.61     | 1.81    | ppb   |
| Lithium    | 6-1   |          |          |          | 94         |         | %     |
| Magnesium  | 24-2  | 9546.99  | 9539.97  | 9606.34  | 9564.43    | 0.38    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-10DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS010-0006-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 19:16:10  | DataFile Name :   | 107SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 1948.30 | 1936.40 | 1955.28 | 1946.66    | 0.49    | ppb   |
| Molybdenum | 94-1  | 12.96   | 12.71   | 12.70   | 12.79      | 1.14    | ppb   |
| Molybdenum | 95-1  | 0.79    | 0.75    | 0.75    | 0.76       | 3.13    | ppb   |
| Molybdenum | 96-1  | 2.65    | 2.50    | 2.64    | 2.60       | 3.26    | ppb   |
| Molybdenum | 97-1  | 0.72    | 0.76    | 0.71    | 0.73       | 3.21    | ppb   |
| Molybdenum | 98-1  | 0.74    | 0.76    | 0.71    | 0.74       | 3.32    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 41.56   | 42.19   | 42.74   | 42.16      | 1.40    | ppb   |
| Phosphorus | 31-2  | 909.44  | 867.40  | 927.60  | 901.48     | 3.43    | ppb   |
| Potassium  | 39-2  | 1556.42 | 1563.56 | 1585.22 | 1568.40    | 0.96    | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Rhodium    | 103-2 |         |         |         | 94         |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 95         |         | %     |
| Selenium   | 77-2  | 12.01   | 8.75    | 11.89   | 10.88      | 17.01   | ppb   |
| Selenium   | 78-2  | 3.32    | 3.42    | 3.34    | 3.36       | 1.55    | ppb   |
| Selenium   | 82-1  | 0.43    | 1.03    | 0.59    | 0.68       | 45.45   | ppb   |
| Silicon    | 28-1  | 1902.01 | 1905.99 | 1889.78 | 1899.26    | 0.44    | ppb   |
| Silver     | 109-1 | 0.06    | 0.07    | 0.05    | 0.06       | 13.49   | ppb   |
| Silver     | 107-1 | 0.08    | 0.08    | 0.07    | 0.07       | 7.71    | ppb   |
| Sodium     | 23-2  | 137.99  | 135.86  | 133.58  | 135.81     | 1.62    | ppb   |
| Strontium  | 86-1  | 33.26   | 33.01   | 31.91   | 32.72      | 2.19    | ppb   |
| Strontium  | 88-1  | 33.36   | 33.04   | 32.40   | 32.94      | 1.48    | ppb   |
| Sulfur     | 34-1  | -410.69 | -435.75 | -473.58 | -440.01    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 110        |         | %     |
| Terbium    | 159-2 |         |         |         | 103        |         | %     |
| Thallium   | 203-1 | 0.12    | 0.12    | 0.10    | 0.12       | 9.39    | ppb   |
| Thallium   | 205-1 | 0.11    | 0.12    | 0.12    | 0.12       | 4.10    | ppb   |
| Thorium    | 232-1 | 3.86    | 3.85    | 3.80    | 3.84       | 0.86    | ppb   |
| Tin        | 118-1 | 0.40    | 0.48    | 0.41    | 0.43       | 9.92    | ppb   |
| Titanium   | 47-1  | 40.99   | 41.75   | 40.27   | 41.00      | 1.79    | ppb   |
| Uranium    | 238-1 | 0.56    | 0.56    | 0.55    | 0.56       | 1.05    | ppb   |
| Vanadium   | 51-2  | 25.96   | 26.37   | 26.33   | 26.22      | 0.86    | ppb   |
| Yttrium    | 89-1  |         |         |         | 109        |         | %     |
| Yttrium    | 89-2  |         |         |         | 104        |         | %     |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-10DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS010-0006-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 19:16:10  | DataFile Name :   | 107SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 163.84  | 166.11  | 168.54  | 166.16     | 1.42    | ppb   |
| Zirconium | 90-1 | 8.03    | 7.90    | 7.75    | 7.90       | 1.76    | ppb   |
| Zirconium | 91-1 | 7.89    | 8.22    | 7.84    | 7.98       | 2.55    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-11DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS010-0612-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 19:19:44 DataFile Name : 108SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 16131.00 | 16229.02 | 16226.06 | 16195.36   | 0.34    | ppb   |
| Antimony   | 121-1 | 0.21     | 0.17     | 0.19     | 0.19       | 9.03    | ppb   |
| Arsenic    | 75-2  | 7.13     | 6.98     | 7.58     | 7.23       | 4.36    | ppb   |
| Barium     | 135-1 | 461.41   | 458.34   | 454.83   | 458.20     | 0.72    | ppb   |
| Barium     | 137-1 | 462.69   | 463.79   | 454.99   | 460.49     | 1.04    | ppb   |
| Beryllium  | 9-1   | 1.07     | 0.97     | 1.01     | 1.02       | 4.91    | ppb   |
| Bismuth    | 209-1 |          |          |          | 110        |         | %     |
| Bismuth    | 209-2 |          |          |          | 100        |         | %     |
| Boron      | 10-1  | 2.86     | 2.63     | 2.44     | 2.64       | 8.13    | ppb   |
| Boron      | 11-1  | 2.79     | 2.69     | 2.66     | 2.72       | 2.57    | ppb   |
| Cadmium    | 111-1 | 0.51     | 0.45     | 0.26     | 0.41       | 32.47   | ppb   |
| Cadmium    | 106-1 | -1.21    | -1.42    | -3.06    | -1.90      |         | ppb   |
| Cadmium    | 108-1 | 1.10     | 1.31     | 1.12     | 1.17       | 9.79    | ppb   |
| Calcium    | 43-1  | 10923.84 | 10818.35 | 10881.90 | 10874.69   | 0.49    | ppb   |
| Calcium    | 44-1  | 11024.48 | 11066.43 | 11117.51 | 11069.47   | 0.42    | ppb   |
| Chromium   | 52-2  | 17.80    | 18.15    | 18.01    | 17.98      | 0.96    | ppb   |
| Cobalt     | 59-2  | 10.98    | 10.93    | 11.03    | 10.98      | 0.46    | ppb   |
| Copper     | 63-2  | 52.14    | 52.83    | 52.71    | 52.56      | 0.71    | 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 |          |          |          | 112        |         | %     |
| Holmium    | 165-2 |          |          |          | 105        |         | %     |
| Indium     | 115-1 |          |          |          | 103        |         | %     |
| Indium     | 115-2 |          |          |          | 99         |         | %     |
| Iron       | 56-2  | 26951.83 | 27021.85 | 26914.06 | 26962.58   | 0.20    | ppb   |
| Iron       | 57-2  | 25819.23 | 25983.77 | 25971.00 | 25924.67   | 0.35    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 126.11   | 127.00   | 124.84   | 125.98     | 0.86    | ppb   |
| Lead       | 207-1 | 116.89   | 115.71   | 115.60   | 116.07     | 0.62    | ppb   |
| Lead       | 208-1 | 120.92   | 119.83   | 118.91   | 119.89     | 0.84    | ppb   |
| Lithium    | 6-1   |          |          |          | 94         |         | %     |
| Magnesium  | 24-2  | 3905.97  | 3921.24  | 3928.24  | 3918.48    | 0.29    | ppb   |



LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-11DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS010-0612-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 19:19:44 DataFile Name : 108SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 1116.05 | 1119.14 | 1121.13 | 1118.77    | 0.23    | ppb   |
| Molybdenum | 94-1  | 9.27    | 9.09    | 9.21    | 9.19       | 1.00    | ppb   |
| Molybdenum | 95-1  | 1.30    | 1.25    | 1.28    | 1.28       | 2.15    | ppb   |
| Molybdenum | 96-1  | 2.51    | 2.41    | 2.40    | 2.44       | 2.52    | ppb   |
| Molybdenum | 97-1  | 1.21    | 1.20    | 1.24    | 1.22       | 1.74    | ppb   |
| Molybdenum | 98-1  | 1.25    | 1.21    | 1.20    | 1.22       | 2.14    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 24.07   | 23.72   | 23.92   | 23.90      | 0.75    | ppb   |
| Phosphorus | 31-2  | 857.70  | 881.60  | 915.63  | 884.98     | 3.29    | ppb   |
| Potassium  | 39-2  | 824.80  | 837.47  | 827.66  | 829.98     | 0.80    | ppb   |
| Rhodium    | 103-1 |         |         |         | 101        |         | %     |
| Rhodium    | 103-2 |         |         |         | 95         |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 96         |         | %     |
| Selenium   | 77-2  | 10.76   | 13.46   | 9.56    | 11.26      | 17.72   | ppb   |
| Selenium   | 78-2  | 3.23    | 3.53    | 3.63    | 3.46       | 5.93    | ppb   |
| Selenium   | 82-1  | 2.20    | 2.06    | 1.97    | 2.08       | 5.65    | ppb   |
| Silicon    | 28-1  | 1689.69 | 1706.60 | 1705.19 | 1700.49    | 0.55    | ppb   |
| Silver     | 109-1 | 0.06    | 0.05    | 0.06    | 0.06       | 6.74    | ppb   |
| Silver     | 107-1 | 0.05    | 0.05    | 0.07    | 0.06       | 18.38   | ppb   |
| Sodium     | 23-2  | 181.17  | 181.50  | 178.46  | 180.38     | 0.92    | ppb   |
| Strontium  | 86-1  | 55.53   | 54.52   | 55.06   | 55.03      | 0.92    | ppb   |
| Strontium  | 88-1  | 55.83   | 55.63   | 55.19   | 55.55      | 0.59    | ppb   |
| Sulfur     | 34-1  | 1624.43 | 1443.83 | 1492.57 | 1520.28    | 6.15    | ppb   |
| Terbium    | 159-1 |         |         |         | 111        |         | %     |
| Terbium    | 159-2 |         |         |         | 104        |         | %     |
| Thallium   | 203-1 | 0.09    | 0.12    | 0.10    | 0.10       | 12.68   | ppb   |
| Thallium   | 205-1 | 0.12    | 0.11    | 0.12    | 0.12       | 5.03    | ppb   |
| Thorium    | 232-1 | 1.62    | 1.65    | 1.59    | 1.62       | 1.81    | ppb   |
| Tin        | 118-1 | 0.84    | 0.88    | 0.87    | 0.86       | 2.33    | ppb   |
| Titanium   | 47-1  | 46.07   | 45.53   | 45.77   | 45.79      | 0.59    | ppb   |
| Uranium    | 238-1 | 0.62    | 0.63    | 0.60    | 0.62       | 2.90    | ppb   |
| Vanadium   | 51-2  | 21.66   | 21.53   | 21.38   | 21.52      | 0.64    | ppb   |
| Yttrium    | 89-1  |         |         |         | 109        |         | %     |
| Yttrium    | 89-2  |         |         |         | 104        |         | %     |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-11DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS010-0612-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 19:19:44  | DataFile Name :   | 108SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 88.55   | 89.35   | 89.02   | 88.97      | 0.45    | ppb   |
| Zirconium | 90-1 | 5.45    | 5.33    | 5.35    | 5.38       | 1.20    | ppb   |
| Zirconium | 91-1 | 5.47    | 5.54    | 5.40    | 5.47       | 1.32    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-12DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS010-1218-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 19:23:19 DataFile Name : 109SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 30959.83 | 30386.57 | 30500.40 | 30615.60   | 0.99    | ppb   |
| Antimony   | 121-1 | 0.11     | 0.10     | 0.12     | 0.11       | 8.84    | ppb   |
| Arsenic    | 75-2  | 18.05    | 17.37    | 17.72    | 17.71      | 1.91    | ppb   |
| Barium     | 135-1 | 452.41   | 451.22   | 454.12   | 452.58     | 0.32    | ppb   |
| Barium     | 137-1 | 452.52   | 446.99   | 458.88   | 452.80     | 1.31    | ppb   |
| Beryllium  | 9-1   | 1.64     | 1.57     | 1.78     | 1.66       | 6.38    | ppb   |
| Bismuth    | 209-1 |          |          |          | 107        |         | %     |
| Bismuth    | 209-2 |          |          |          | 97         |         | %     |
| Boron      | 10-1  | 3.64     | 3.75     | 3.53     | 3.64       | 2.97    | ppb   |
| Boron      | 11-1  | 3.64     | 3.47     | 3.76     | 3.62       | 3.95    | ppb   |
| Cadmium    | 111-1 | 0.27     | 0.20     | 0.28     | 0.25       | 17.31   | ppb   |
| Cadmium    | 106-1 | -0.71    | -1.40    | -0.75    | -0.96      |         | ppb   |
| Cadmium    | 108-1 | 1.81     | 1.48     | 1.99     | 1.76       | 14.67   | ppb   |
| Calcium    | 43-1  | 5029.20  | 5078.91  | 4918.91  | 5009.01    | 1.63    | ppb   |
| Calcium    | 44-1  | 5053.43  | 5086.71  | 5062.29  | 5067.48    | 0.34    | ppb   |
| Chromium   | 52-2  | 41.11    | 40.86    | 40.60    | 40.86      | 0.62    | ppb   |
| Cobalt     | 59-2  | 25.29    | 25.03    | 25.06    | 25.13      | 0.57    | ppb   |
| Copper     | 63-2  | 92.53    | 90.92    | 91.05    | 91.50      | 0.98    | 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 |          |          |          | 112        |         | %     |
| Holmium    | 165-2 |          |          |          | 103        |         | %     |
| Indium     | 115-1 |          |          |          | 101        |         | %     |
| Indium     | 115-2 |          |          |          | 97         |         | %     |
| Iron       | 56-2  | 72191.54 | 70750.62 | 70893.61 | 71278.59   | 1.11    | ppb   |
| Iron       | 57-2  | 68967.00 | 68619.39 | 68445.02 | 68677.13   | 0.39    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 422.42   | 417.80   | 416.12   | 418.78     | 0.78    | ppb   |
| Lead       | 207-1 | 388.30   | 383.39   | 378.42   | 383.37     | 1.29    | ppb   |
| Lead       | 208-1 | 408.33   | 406.50   | 403.50   | 406.11     | 0.60    | ppb   |
| Lithium    | 6-1   |          |          |          | 94         |         | %     |
| Magnesium  | 24-2  | 11481.72 | 11264.21 | 11384.14 | 11376.69   | 0.96    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-12DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS010-1218-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 19:23:19 DataFile Name : 109SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 2511.52 | 2481.44 | 2478.59 | 2490.52    | 0.73    | ppb   |
| Molybdenum | 94-1  | 18.24   | 17.97   | 18.02   | 18.08      | 0.80    | ppb   |
| Molybdenum | 95-1  | 1.38    | 1.52    | 1.46    | 1.45       | 4.85    | ppb   |
| Molybdenum | 96-1  | 4.11    | 4.09    | 4.35    | 4.18       | 3.44    | ppb   |
| Molybdenum | 97-1  | 1.36    | 1.38    | 1.41    | 1.38       | 1.63    | ppb   |
| Molybdenum | 98-1  | 1.41    | 1.38    | 1.34    | 1.38       | 2.69    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 51.74   | 52.32   | 52.85   | 52.30      | 1.05    | ppb   |
| Phosphorus | 31-2  | 1063.88 | 1054.77 | 1120.17 | 1079.61    | 3.28    | ppb   |
| Potassium  | 39-2  | 1530.93 | 1503.22 | 1518.69 | 1517.61    | 0.92    | ppb   |
| Rhodium    | 103-1 |         |         |         | 99         |         | %     |
| Rhodium    | 103-2 |         |         |         | 93         |         | %     |
| Scandium   | 45-1  |         |         |         | 101        |         | %     |
| Scandium   | 45-2  |         |         |         | 96         |         | %     |
| Selenium   | 77-2  | 14.33   | 13.04   | 16.16   | 14.51      | 10.78   | ppb   |
| Selenium   | 78-2  | 3.69    | 4.83    | 2.52    | 3.68       | 31.40   | ppb   |
| Selenium   | 82-1  | 1.17    | 1.55    | 0.59    | 1.10       | 43.80   | ppb   |
| Silicon    | 28-1  | 2584.10 | 2587.12 | 2588.14 | 2586.45    | 0.08    | ppb   |
| Silver     | 109-1 | 0.12    | 0.12    | 0.12    | 0.12       | 1.42    | ppb   |
| Silver     | 107-1 | 0.13    | 0.15    | 0.14    | 0.14       | 5.22    | ppb   |
| Sodium     | 23-2  | 141.20  | 136.80  | 137.91  | 138.64     | 1.65    | ppb   |
| Strontium  | 86-1  | 27.91   | 27.40   | 26.67   | 27.32      | 2.28    | ppb   |
| Strontium  | 88-1  | 27.51   | 27.56   | 27.38   | 27.48      | 0.34    | ppb   |
| Sulfur     | 34-1  | -841.91 | -925.98 | -800.15 | -856.01    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 109        |         | %     |
| Terbium    | 159-2 |         |         |         | 103        |         | %     |
| Thallium   | 203-1 | 0.15    | 0.14    | 0.15    | 0.15       | 4.17    | ppb   |
| Thallium   | 205-1 | 0.15    | 0.16    | 0.16    | 0.16       | 5.65    | ppb   |
| Thorium    | 232-1 | 5.75    | 5.72    | 5.66    | 5.71       | 0.85    | ppb   |
| Tin        | 118-1 | 0.53    | 0.50    | 0.49    | 0.51       | 4.29    | ppb   |
| Titanium   | 47-1  | 47.17   | 46.78   | 48.00   | 47.32      | 1.33    | ppb   |
| Uranium    | 238-1 | 0.77    | 0.78    | 0.75    | 0.77       | 2.09    | ppb   |
| Vanadium   | 51-2  | 39.37   | 39.41   | 39.06   | 39.28      | 0.49    | ppb   |
| Yttrium    | 89-1  |         |         |         | 110        |         | %     |
| Yttrium    | 89-2  |         |         |         | 104        |         | %     |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-12DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS010-1218-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 19:23:19  | DataFile Name :   | 109SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 224.48  | 223.82  | 223.96  | 224.09     | 0.16    | ppb   |
| Zirconium | 90-1 | 11.09   | 10.95   | 10.92   | 10.99      | 0.82    | ppb   |
| Zirconium | 91-1 | 11.14   | 11.17   | 11.16   | 11.15      | 0.13    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-13DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS010-1824-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 19:26:55 DataFile Name : 110SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 30327.67 | 30155.91 | 30202.99 | 30228.86   | 0.29    | ppb   |
| Antimony   | 121-1 | 0.11     | 0.11     | 0.11     | 0.11       | 2.26    | ppb   |
| Arsenic    | 75-2  | 16.78    | 16.87    | 17.35    | 17.00      | 1.81    | ppb   |
| Barium     | 135-1 | 438.59   | 434.16   | 430.99   | 434.58     | 0.88    | ppb   |
| Barium     | 137-1 | 437.48   | 429.52   | 434.87   | 433.96     | 0.94    | ppb   |
| Beryllium  | 9-1   | 1.70     | 1.72     | 1.67     | 1.69       | 1.43    | ppb   |
| Bismuth    | 209-1 |          |          |          | 108        |         | %     |
| Bismuth    | 209-2 |          |          |          | 98         |         | %     |
| Boron      | 10-1  | 3.26     | 3.03     | 3.32     | 3.20       | 4.74    | ppb   |
| Boron      | 11-1  | 3.01     | 2.98     | 2.87     | 2.95       | 2.53    | ppb   |
| Cadmium    | 111-1 | 0.27     | 0.12     | 0.24     | 0.21       | 36.67   | ppb   |
| Cadmium    | 106-1 | -0.38    | -2.03    | -1.57    | -1.32      |         | ppb   |
| Cadmium    | 108-1 | 1.47     | 1.45     | 1.33     | 1.42       | 5.33    | ppb   |
| Calcium    | 43-1  | 4399.25  | 4380.93  | 4306.54  | 4362.24    | 1.13    | ppb   |
| Calcium    | 44-1  | 4414.61  | 4389.46  | 4338.44  | 4380.84    | 0.89    | ppb   |
| Chromium   | 52-2  | 62.10    | 62.01    | 61.22    | 61.77      | 0.79    | ppb   |
| Cobalt     | 59-2  | 25.70    | 25.83    | 25.30    | 25.61      | 1.08    | ppb   |
| Copper     | 63-2  | 89.44    | 88.29    | 89.01    | 88.92      | 0.66    | 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 |          |          |          | 112        |         | %     |
| Holmium    | 165-2 |          |          |          | 103        |         | %     |
| Indium     | 115-1 |          |          |          | 102        |         | %     |
| Indium     | 115-2 |          |          |          | 97         |         | %     |
| Iron       | 56-2  | 70227.07 | 69961.69 | 70344.10 | 70177.62   | 0.28    | ppb   |
| Iron       | 57-2  | 67363.30 | 68034.92 | 67110.00 | 67502.74   | 0.71    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 315.74   | 311.91   | 310.91   | 312.85     | 0.81    | ppb   |
| Lead       | 207-1 | 288.19   | 286.15   | 284.48   | 286.27     | 0.65    | ppb   |
| Lead       | 208-1 | 298.71   | 295.87   | 294.43   | 296.34     | 0.74    | ppb   |
| Lithium    | 6-1   |          |          |          | 94         |         | %     |
| Magnesium  | 24-2  | 11187.70 | 11245.46 | 11165.17 | 11199.44   | 0.37    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-13DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS010-1824-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 19:26:55 DataFile Name : 110SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 2438.28  | 2442.45  | 2427.09  | 2435.94    | 0.33    | ppb   |
| Molybdenum | 94-1  | 17.41    | 17.85    | 17.34    | 17.54      | 1.59    | ppb   |
| Molybdenum | 95-1  | 1.68     | 1.66     | 1.75     | 1.70       | 2.82    | ppb   |
| Molybdenum | 96-1  | 4.45     | 4.24     | 4.25     | 4.31       | 2.83    | ppb   |
| Molybdenum | 97-1  | 1.68     | 1.75     | 1.58     | 1.67       | 5.13    | ppb   |
| Molybdenum | 98-1  | 1.66     | 1.69     | 1.68     | 1.67       | 0.86    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 62.09    | 62.43    | 62.34    | 62.28      | 0.28    | ppb   |
| Phosphorus | 31-2  | 1141.39  | 1158.61  | 1143.11  | 1147.70    | 0.83    | ppb   |
| Potassium  | 39-2  | 1445.43  | 1434.52  | 1428.51  | 1436.16    | 0.60    | ppb   |
| Rhodium    | 103-1 |          |          |          | 99         |         | %     |
| Rhodium    | 103-2 |          |          |          | 93         |         | %     |
| Scandium   | 45-1  |          |          |          | 101        |         | %     |
| Scandium   | 45-2  |          |          |          | 95         |         | %     |
| Selenium   | 77-2  | 15.58    | 12.12    | 15.24    | 14.32      | 13.33   | ppb   |
| Selenium   | 78-2  | 2.41     | 4.50     | 3.27     | 3.39       | 31.01   | ppb   |
| Selenium   | 82-1  | 1.06     | 1.24     | 1.21     | 1.17       | 8.35    | ppb   |
| Silicon    | 28-1  | 3419.03  | 3393.04  | 3392.76  | 3401.61    | 0.44    | ppb   |
| Silver     | 109-1 | 0.16     | 0.19     | 0.18     | 0.18       | 8.21    | ppb   |
| Silver     | 107-1 | 0.19     | 0.15     | 0.19     | 0.18       | 11.48   | ppb   |
| Sodium     | 23-2  | 160.84   | 160.40   | 159.81   | 160.35     | 0.32    | ppb   |
| Strontium  | 86-1  | 22.90    | 22.39    | 22.45    | 22.58      | 1.23    | ppb   |
| Strontium  | 88-1  | 22.91    | 22.84    | 22.85    | 22.87      | 0.16    | ppb   |
| Sulfur     | 34-1  | -1062.56 | -1207.59 | -1156.98 | -1142.38   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 110        |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 0.18     | 0.16     | 0.16     | 0.17       | 7.83    | ppb   |
| Thallium   | 205-1 | 0.15     | 0.15     | 0.14     | 0.15       | 5.74    | ppb   |
| Thorium    | 232-1 | 5.73     | 5.73     | 5.72     | 5.73       | 0.04    | ppb   |
| Tin        | 118-1 | 0.57     | 0.61     | 0.57     | 0.58       | 4.28    | ppb   |
| Titanium   | 47-1  | 60.67    | 63.10    | 61.88    | 61.89      | 1.96    | ppb   |
| Uranium    | 238-1 | 0.78     | 0.79     | 0.81     | 0.79       | 1.73    | ppb   |
| Vanadium   | 51-2  | 39.69    | 40.02    | 40.18    | 39.97      | 0.62    | ppb   |
| Yttrium    | 89-1  |          |          |          | 111        |         | %     |
| Yttrium    | 89-2  |          |          |          | 106        |         | %     |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-13DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS010-1824-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 19:26:55  | DataFile Name :   | 110SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 200.25  | 202.76  | 199.73  | 200.91     | 0.81    | ppb   |
| Zirconium | 90-1 | 10.74   | 10.71   | 10.57   | 10.67      | 0.85    | ppb   |
| Zirconium | 91-1 | 10.93   | 10.94   | 10.99   | 10.95      | 0.27    | ppb   |



LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-14DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS011-0006-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 19:30:31 DataFile Name : 111SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 23787.82 | 23938.43 | 23985.71 | 23903.99   | 0.43    | ppb   |
| Antimony   | 121-1 | 0.11     | 0.12     | 0.09     | 0.11       | 14.06   | ppb   |
| Arsenic    | 75-2  | 10.09    | 9.34     | 9.76     | 9.73       | 3.83    | ppb   |
| Barium     | 135-1 | 353.56   | 351.97   | 348.83   | 351.45     | 0.68    | ppb   |
| Barium     | 137-1 | 353.59   | 350.49   | 350.08   | 351.38     | 0.55    | ppb   |
| Beryllium  | 9-1   | 1.34     | 1.48     | 1.33     | 1.38       | 5.80    | ppb   |
| Bismuth    | 209-1 |          |          |          | 108        |         | %     |
| Bismuth    | 209-2 |          |          |          | 98         |         | %     |
| Boron      | 10-1  | 2.58     | 2.33     | 2.56     | 2.49       | 5.47    | ppb   |
| Boron      | 11-1  | 2.47     | 2.53     | 2.52     | 2.50       | 1.25    | ppb   |
| Cadmium    | 111-1 | -0.04    | 0.04     | -0.07    | -0.03      |         | ppb   |
| Cadmium    | 106-1 | -3.10    | -1.91    | -3.63    | -2.88      |         | ppb   |
| Cadmium    | 108-1 | 0.86     | 0.90     | 0.97     | 0.91       | 5.87    | ppb   |
| Calcium    | 43-1  | 3036.86  | 2966.91  | 3030.12  | 3011.30    | 1.28    | ppb   |
| Calcium    | 44-1  | 3015.82  | 3042.08  | 3013.83  | 3023.91    | 0.52    | ppb   |
| Chromium   | 52-2  | 25.59    | 25.28    | 25.86    | 25.58      | 1.13    | ppb   |
| Cobalt     | 59-2  | 20.66    | 20.76    | 20.75    | 20.73      | 0.28    | ppb   |
| Copper     | 63-2  | 36.28    | 37.13    | 37.33    | 36.91      | 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 |          |          |          | 111        |         | %     |
| Holmium    | 165-2 |          |          |          | 103        |         | %     |
| Indium     | 115-1 |          |          |          | 102        |         | %     |
| Indium     | 115-2 |          |          |          | 97         |         | %     |
| Iron       | 56-2  | 50626.65 | 50290.78 | 50648.63 | 50522.02   | 0.40    | ppb   |
| Iron       | 57-2  | 48071.28 | 48174.45 | 48411.18 | 48218.97   | 0.36    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 71.32    | 70.59    | 71.17    | 71.03      | 0.54    | ppb   |
| Lead       | 207-1 | 64.97    | 65.00    | 65.05    | 65.01      | 0.06    | ppb   |
| Lead       | 208-1 | 67.60    | 66.87    | 67.24    | 67.24      | 0.54    | ppb   |
| Lithium    | 6-1   |          |          |          | 92         |         | %     |
| Magnesium  | 24-2  | 7024.46  | 7061.81  | 7044.04  | 7043.43    | 0.27    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-14DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS011-0006-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 19:30:31 DataFile Name : 111SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 2893.75  | 2902.92  | 2927.82  | 2908.16    | 0.61    | ppb   |
| Molybdenum | 94-1  | 8.75     | 8.91     | 8.64     | 8.77       | 1.60    | ppb   |
| Molybdenum | 95-1  | 0.82     | 0.76     | 0.76     | 0.78       | 3.99    | ppb   |
| Molybdenum | 96-1  | 2.17     | 1.97     | 2.09     | 2.08       | 4.84    | ppb   |
| Molybdenum | 97-1  | 0.73     | 0.70     | 0.72     | 0.72       | 1.99    | ppb   |
| Molybdenum | 98-1  | 0.73     | 0.72     | 0.72     | 0.72       | 0.52    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 37.16    | 36.16    | 37.28    | 36.87      | 1.66    | ppb   |
| Phosphorus | 31-2  | 971.29   | 894.35   | 951.53   | 939.06     | 4.25    | ppb   |
| Potassium  | 39-2  | 775.20   | 776.03   | 778.88   | 776.71     | 0.25    | ppb   |
| Rhodium    | 103-1 |          |          |          | 99         |         | %     |
| Rhodium    | 103-2 |          |          |          | 93         |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 93         |         | %     |
| Selenium   | 77-2  | 9.87     | 7.34     | 10.59    | 9.26       | 18.42   | ppb   |
| Selenium   | 78-2  | 2.63     | 2.53     | 2.39     | 2.52       | 4.89    | ppb   |
| Selenium   | 82-1  | 0.98     | 0.97     | 0.95     | 0.97       | 1.26    | ppb   |
| Silicon    | 28-1  | 3173.47  | 3159.28  | 3169.29  | 3167.35    | 0.23    | ppb   |
| Silver     | 109-1 | 0.06     | 0.07     | 0.07     | 0.07       | 2.21    | ppb   |
| Silver     | 107-1 | 0.06     | 0.06     | 0.07     | 0.07       | 6.35    | ppb   |
| Sodium     | 23-2  | 118.16   | 119.28   | 120.30   | 119.25     | 0.90    | ppb   |
| Strontium  | 86-1  | 21.38    | 21.53    | 21.01    | 21.30      | 1.24    | ppb   |
| Strontium  | 88-1  | 21.49    | 21.26    | 21.44    | 21.39      | 0.58    | ppb   |
| Sulfur     | 34-1  | -1455.83 | -1426.51 | -1513.93 | -1465.42   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 110        |         | %     |
| Terbium    | 159-2 |          |          |          | 102        |         | %     |
| Thallium   | 203-1 | 0.17     | 0.16     | 0.18     | 0.17       | 4.71    | ppb   |
| Thallium   | 205-1 | 0.16     | 0.16     | 0.16     | 0.16       | 0.51    | ppb   |
| Thorium    | 232-1 | 2.78     | 2.74     | 2.74     | 2.75       | 0.88    | ppb   |
| Tin        | 118-1 | 0.17     | 0.18     | 0.16     | 0.17       | 6.81    | ppb   |
| Titanium   | 47-1  | 33.31    | 32.11    | 32.36    | 32.60      | 1.95    | ppb   |
| Uranium    | 238-1 | 0.51     | 0.54     | 0.52     | 0.52       | 3.08    | ppb   |
| Vanadium   | 51-2  | 34.13    | 34.55    | 34.65    | 34.44      | 0.80    | ppb   |
| Yttrium    | 89-1  |          |          |          | 107        |         | %     |
| Yttrium    | 89-2  |          |          |          | 101        |         | %     |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-14DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS011-0006-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 19:30:31  | DataFile Name :   | 111SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 119.53  | 119.54  | 121.23  | 120.10     | 0.82    | ppb   |
| Zirconium | 90-1 | 5.44    | 5.25    | 5.33    | 5.34       | 1.81    | ppb   |
| Zirconium | 91-1 | 5.43    | 5.35    | 5.33    | 5.37       | 0.92    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-15DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS011-0612-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 19:34:06 DataFile Name : 112SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 27220.04 | 27287.87 | 27353.58 | 27287.16   | 0.24    | ppb   |
| Antimony   | 121-1 | 0.08     | 0.08     | 0.09     | 0.08       | 7.13    | ppb   |
| Arsenic    | 75-2  | 10.92    | 11.02    | 10.59    | 10.84      | 2.07    | ppb   |
| Barium     | 135-1 | 271.35   | 273.29   | 273.16   | 272.60     | 0.40    | ppb   |
| Barium     | 137-1 | 274.63   | 273.36   | 271.94   | 273.31     | 0.49    | ppb   |
| Beryllium  | 9-1   | 1.38     | 1.34     | 1.33     | 1.35       | 1.94    | ppb   |
| Bismuth    | 209-1 |          |          |          | 108        |         | %     |
| Bismuth    | 209-2 |          |          |          | 97         |         | %     |
| Boron      | 10-1  | 1.99     | 2.36     | 1.97     | 2.11       | 10.36   | ppb   |
| Boron      | 11-1  | 2.28     | 2.35     | 2.10     | 2.24       | 5.61    | ppb   |
| Cadmium    | 111-1 | -0.09    | -0.04    | -0.12    | -0.08      |         | ppb   |
| Cadmium    | 106-1 | -2.98    | -2.64    | -3.38    | -3.00      |         | ppb   |
| Cadmium    | 108-1 | 0.78     | 0.93     | 0.73     | 0.82       | 12.87   | ppb   |
| Calcium    | 43-1  | 1229.75  | 1246.24  | 1229.67  | 1235.22    | 0.77    | ppb   |
| Calcium    | 44-1  | 1236.47  | 1247.73  | 1247.73  | 1243.98    | 0.52    | ppb   |
| Chromium   | 52-2  | 29.03    | 28.74    | 28.80    | 28.86      | 0.54    | ppb   |
| Cobalt     | 59-2  | 19.88    | 20.18    | 19.77    | 19.94      | 1.07    | ppb   |
| Copper     | 63-2  | 37.11    | 37.72    | 37.77    | 37.53      | 0.98    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 110        |         | %     |
| Holmium    | 165-2 |          |          |          | 102        |         | %     |
| Indium     | 115-1 |          |          |          | 101        |         | %     |
| Indium     | 115-2 |          |          |          | 96         |         | %     |
| Iron       | 56-2  | 53955.00 | 54120.01 | 54169.07 | 54081.36   | 0.21    | ppb   |
| Iron       | 57-2  | 51488.40 | 51832.15 | 51862.48 | 51727.68   | 0.40    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 79.57    | 79.44    | 78.10    | 79.04      | 1.03    | ppb   |
| Lead       | 207-1 | 72.78    | 72.62    | 71.44    | 72.28      | 1.02    | ppb   |
| Lead       | 208-1 | 75.46    | 75.19    | 73.99    | 74.88      | 1.05    | ppb   |
| Lithium    | 6-1   |          |          |          | 91         |         | %     |
| Magnesium  | 24-2  | 8129.81  | 8178.26  | 8229.72  | 8179.26    | 0.61    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-15DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS011-0612-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 19:34:06 DataFile Name : 112SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 1773.62  | 1787.98  | 1793.80  | 1785.13    | 0.58    | ppb   |
| Molybdenum | 94-1  | 9.16     | 8.90     | 9.00     | 9.02       | 1.45    | ppb   |
| Molybdenum | 95-1  | 0.76     | 0.74     | 0.80     | 0.77       | 3.79    | ppb   |
| Molybdenum | 96-1  | 2.22     | 2.34     | 2.22     | 2.26       | 3.07    | ppb   |
| Molybdenum | 97-1  | 0.75     | 0.78     | 0.75     | 0.76       | 1.74    | ppb   |
| Molybdenum | 98-1  | 0.80     | 0.72     | 0.73     | 0.75       | 5.40    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 40.02    | 39.85    | 39.00    | 39.63      | 1.38    | ppb   |
| Phosphorus | 31-2  | 714.25   | 713.97   | 840.30   | 756.18     | 9.63    | ppb   |
| Potassium  | 39-2  | 805.62   | 798.37   | 824.98   | 809.66     | 1.70    | ppb   |
| Rhodium    | 103-1 |          |          |          | 98         |         | %     |
| Rhodium    | 103-2 |          |          |          | 92         |         | %     |
| Scandium   | 45-1  |          |          |          | 98         |         | %     |
| Scandium   | 45-2  |          |          |          | 93         |         | %     |
| Selenium   | 77-2  | 6.97     | 13.41    | 11.32    | 10.56      | 31.10   | ppb   |
| Selenium   | 78-2  | 2.76     | 2.79     | 2.23     | 2.59       | 12.16   | ppb   |
| Selenium   | 82-1  | 1.33     | 0.72     | 1.13     | 1.06       | 29.18   | ppb   |
| Silicon    | 28-1  | 3249.56  | 3289.96  | 3279.22  | 3272.91    | 0.64    | ppb   |
| Silver     | 109-1 | 0.09     | 0.08     | 0.06     | 0.08       | 17.57   | ppb   |
| Silver     | 107-1 | 0.09     | 0.09     | 0.07     | 0.08       | 10.10   | ppb   |
| Sodium     | 23-2  | 137.42   | 137.00   | 137.58   | 137.34     | 0.22    | ppb   |
| Strontium  | 86-1  | 10.66    | 10.65    | 10.96    | 10.76      | 1.67    | ppb   |
| Strontium  | 88-1  | 10.79    | 10.96    | 10.78    | 10.84      | 0.94    | ppb   |
| Sulfur     | 34-1  | -1772.43 | -1804.74 | -1824.09 | -1800.42   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 102        |         | %     |
| Thallium   | 203-1 | 0.17     | 0.19     | 0.18     | 0.18       | 5.77    | ppb   |
| Thallium   | 205-1 | 0.20     | 0.19     | 0.20     | 0.20       | 2.72    | ppb   |
| Thorium    | 232-1 | 3.96     | 3.91     | 3.87     | 3.91       | 1.20    | ppb   |
| Tin        | 118-1 | 0.22     | 0.21     | 0.23     | 0.22       | 5.66    | ppb   |
| Titanium   | 47-1  | 40.53    | 40.60    | 40.59    | 40.57      | 0.10    | ppb   |
| Uranium    | 238-1 | 0.58     | 0.55     | 0.55     | 0.56       | 3.14    | ppb   |
| Vanadium   | 51-2  | 37.06    | 37.39    | 37.35    | 37.27      | 0.48    | ppb   |
| Yttrium    | 89-1  |          |          |          | 107        |         | %     |
| Yttrium    | 89-2  |          |          |          | 102        |         | %     |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-15DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS011-0612-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 19:34:06  | DataFile Name :   | 112SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 132.74  | 132.33  | 132.63  | 132.56     | 0.16    | ppb   |
| Zirconium | 90-1 | 5.58    | 5.55    | 5.52    | 5.55       | 0.56    | ppb   |
| Zirconium | 91-1 | 5.46    | 5.67    | 5.56    | 5.56       | 1.92    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-16DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS011-1218-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 19:37:41 DataFile Name : 113SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 27694.55 | 27486.14 | 27524.41 | 27568.37   | 0.40    | ppb   |
| Antimony   | 121-1 | 0.07     | 0.06     | 0.07     | 0.07       | 5.85    | ppb   |
| Arsenic    | 75-2  | 11.59    | 11.88    | 12.17    | 11.88      | 2.46    | ppb   |
| Barium     | 135-1 | 206.90   | 205.56   | 205.84   | 206.10     | 0.34    | ppb   |
| Barium     | 137-1 | 206.89   | 205.86   | 203.86   | 205.53     | 0.75    | ppb   |
| Beryllium  | 9-1   | 1.21     | 1.24     | 1.20     | 1.22       | 1.75    | ppb   |
| Bismuth    | 209-1 |          |          |          | 107        |         | %     |
| Bismuth    | 209-2 |          |          |          | 97         |         | %     |
| Boron      | 10-1  | 1.89     | 1.59     | 2.01     | 1.83       | 11.81   | ppb   |
| Boron      | 11-1  | 1.90     | 1.94     | 1.85     | 1.90       | 2.48    | ppb   |
| Cadmium    | 111-1 | -0.24    | -0.19    | -0.21    | -0.21      |         | ppb   |
| Cadmium    | 106-1 | -3.69    | -3.15    | -3.50    | -3.45      |         | ppb   |
| Cadmium    | 108-1 | 0.60     | 0.52     | 0.50     | 0.54       | 10.21   | ppb   |
| Calcium    | 43-1  | 766.68   | 783.94   | 773.45   | 774.69     | 1.12    | ppb   |
| Calcium    | 44-1  | 794.71   | 789.43   | 788.59   | 790.91     | 0.42    | ppb   |
| Chromium   | 52-2  | 29.31    | 29.22    | 29.09    | 29.21      | 0.37    | ppb   |
| Cobalt     | 59-2  | 16.48    | 16.28    | 16.38    | 16.38      | 0.62    | ppb   |
| Copper     | 63-2  | 32.63    | 32.65    | 32.84    | 32.71      | 0.36    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 110        |         | %     |
| Holmium    | 165-2 |          |          |          | 102        |         | %     |
| Indium     | 115-1 |          |          |          | 101        |         | %     |
| Indium     | 115-2 |          |          |          | 96         |         | %     |
| Iron       | 56-2  | 56157.55 | 55739.23 | 55695.07 | 55863.95   | 0.46    | ppb   |
| Iron       | 57-2  | 53091.41 | 52998.31 | 53151.41 | 53080.38   | 0.15    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 63.04    | 62.48    | 62.42    | 62.65      | 0.54    | ppb   |
| Lead       | 207-1 | 57.50    | 57.73    | 56.60    | 57.28      | 1.04    | ppb   |
| Lead       | 208-1 | 59.65    | 59.54    | 58.85    | 59.35      | 0.74    | ppb   |
| Lithium    | 6-1   |          |          |          | 91         |         | %     |
| Magnesium  | 24-2  | 8412.73  | 8402.95  | 8370.91  | 8395.53    | 0.26    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-16DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS011-1218-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 19:37:41 DataFile Name : 113SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 1189.78  | 1180.23  | 1188.43  | 1186.15    | 0.44    | ppb   |
| Molybdenum | 94-1  | 7.03     | 7.56     | 7.36     | 7.31       | 3.67    | ppb   |
| Molybdenum | 95-1  | 0.73     | 0.70     | 0.73     | 0.72       | 2.21    | ppb   |
| Molybdenum | 96-1  | 1.94     | 1.93     | 1.98     | 1.95       | 1.46    | ppb   |
| Molybdenum | 97-1  | 0.61     | 0.69     | 0.65     | 0.65       | 6.65    | ppb   |
| Molybdenum | 98-1  | 0.64     | 0.65     | 0.72     | 0.67       | 5.99    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 37.34    | 36.93    | 36.61    | 36.96      | 0.99    | ppb   |
| Phosphorus | 31-2  | 811.50   | 842.93   | 718.55   | 790.99     | 8.18    | ppb   |
| Potassium  | 39-2  | 680.33   | 675.65   | 676.86   | 677.61     | 0.36    | ppb   |
| Rhodium    | 103-1 |          |          |          | 98         |         | %     |
| Rhodium    | 103-2 |          |          |          | 91         |         | %     |
| Scandium   | 45-1  |          |          |          | 97         |         | %     |
| Scandium   | 45-2  |          |          |          | 92         |         | %     |
| Selenium   | 77-2  | 5.87     | 5.82     | 11.62    | 7.77       | 42.91   | ppb   |
| Selenium   | 78-2  | 2.30     | 1.65     | 2.53     | 2.16       | 21.34   | ppb   |
| Selenium   | 82-1  | 0.89     | 0.93     | 1.00     | 0.94       | 5.83    | ppb   |
| Silicon    | 28-1  | 3109.52  | 3109.27  | 3092.20  | 3103.66    | 0.32    | ppb   |
| Silver     | 109-1 | 0.06     | 0.06     | 0.06     | 0.06       | 3.58    | ppb   |
| Silver     | 107-1 | 0.08     | 0.06     | 0.06     | 0.07       | 22.17   | ppb   |
| Sodium     | 23-2  | 147.63   | 143.70   | 141.61   | 144.31     | 2.12    | ppb   |
| Strontium  | 86-1  | 7.15     | 7.19     | 7.29     | 7.21       | 0.97    | ppb   |
| Strontium  | 88-1  | 7.21     | 7.17     | 7.12     | 7.17       | 0.59    | ppb   |
| Sulfur     | 34-1  | -1847.40 | -1878.74 | -1928.86 | -1885.00   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 101        |         | %     |
| Thallium   | 203-1 | 0.21     | 0.18     | 0.18     | 0.19       | 7.16    | ppb   |
| Thallium   | 205-1 | 0.21     | 0.21     | 0.20     | 0.21       | 4.09    | ppb   |
| Thorium    | 232-1 | 3.79     | 3.70     | 3.69     | 3.73       | 1.43    | ppb   |
| Tin        | 118-1 | 0.16     | 0.17     | 0.20     | 0.18       | 12.29   | ppb   |
| Titanium   | 47-1  | 35.34    | 34.25    | 34.74    | 34.78      | 1.57    | ppb   |
| Uranium    | 238-1 | 0.56     | 0.55     | 0.53     | 0.55       | 2.57    | ppb   |
| Vanadium   | 51-2  | 37.37    | 37.40    | 36.74    | 37.17      | 1.00    | ppb   |
| Yttrium    | 89-1  |          |          |          | 105        |         | %     |
| Yttrium    | 89-2  |          |          |          | 99         |         | %     |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-16DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS011-1218-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 19:37:41  | DataFile Name :   | 113SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 134.25  | 132.37  | 134.68  | 133.77     | 0.92    | ppb   |
| Zirconium | 90-1 | 4.46    | 4.41    | 4.53    | 4.47       | 1.28    | ppb   |
| Zirconium | 91-1 | 4.63    | 4.43    | 4.56    | 4.54       | 2.30    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-17DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS011-1824-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 19:41:16 DataFile Name : 114SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 27209.67 | 27397.07 | 27672.81 | 27426.52   | 0.85    | ppb   |
| Antimony   | 121-1 | 0.05     | 0.05     | 0.05     | 0.05       | 3.73    | ppb   |
| Arsenic    | 75-2  | 11.46    | 11.17    | 11.38    | 11.33      | 1.29    | ppb   |
| Barium     | 135-1 | 263.74   | 263.66   | 263.12   | 263.51     | 0.13    | ppb   |
| Barium     | 137-1 | 265.92   | 265.13   | 263.30   | 264.78     | 0.51    | ppb   |
| Beryllium  | 9-1   | 1.34     | 1.38     | 1.29     | 1.33       | 3.23    | ppb   |
| Bismuth    | 209-1 |          |          |          | 105        |         | %     |
| Bismuth    | 209-2 |          |          |          | 96         |         | %     |
| Boron      | 10-1  | 2.10     | 1.80     | 1.77     | 1.89       | 9.47    | ppb   |
| Boron      | 11-1  | 1.69     | 1.74     | 1.86     | 1.76       | 4.73    | ppb   |
| Cadmium    | 111-1 | -0.21    | -0.14    | -0.16    | -0.17      |         | ppb   |
| Cadmium    | 106-1 | -3.47    | -3.07    | -3.33    | -3.29      |         | ppb   |
| Cadmium    | 108-1 | 0.61     | 0.43     | 0.45     | 0.50       | 19.35   | ppb   |
| Calcium    | 43-1  | 787.81   | 788.51   | 789.95   | 788.76     | 0.14    | ppb   |
| Calcium    | 44-1  | 815.58   | 801.63   | 809.05   | 808.75     | 0.86    | ppb   |
| Chromium   | 52-2  | 27.96    | 28.34    | 28.24    | 28.18      | 0.71    | ppb   |
| Cobalt     | 59-2  | 16.69    | 16.66    | 16.80    | 16.72      | 0.43    | ppb   |
| Copper     | 63-2  | 45.56    | 46.46    | 46.96    | 46.33      | 1.54    | 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 |          |          |          | 109        |         | %     |
| Holmium    | 165-2 |          |          |          | 101        |         | %     |
| Indium     | 115-1 |          |          |          | 99         |         | %     |
| Indium     | 115-2 |          |          |          | 96         |         | %     |
| Iron       | 56-2  | 56291.37 | 57118.56 | 57347.97 | 56919.30   | 0.98    | ppb   |
| Iron       | 57-2  | 53777.13 | 54702.57 | 54835.44 | 54438.38   | 1.06    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 46.02    | 44.94    | 44.84    | 45.26      | 1.45    | ppb   |
| Lead       | 207-1 | 41.96    | 40.99    | 41.21    | 41.39      | 1.23    | ppb   |
| Lead       | 208-1 | 43.66    | 42.71    | 42.70    | 43.02      | 1.28    | ppb   |
| Lithium    | 6-1   |          |          |          | 90         |         | %     |
| Magnesium  | 24-2  | 8343.17  | 8478.47  | 8524.15  | 8448.59    | 1.11    | ppb   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-17DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS011-1824-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 19:41:16 DataFile Name : 114SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 1565.62  | 1597.59  | 1607.23  | 1590.15    | 1.37    | ppb   |
| Molybdenum | 94-1  | 7.56     | 7.65     | 7.53     | 7.58       | 0.86    | ppb   |
| Molybdenum | 95-1  | 0.64     | 0.81     | 0.70     | 0.72       | 11.84   | ppb   |
| Molybdenum | 96-1  | 2.02     | 2.03     | 2.06     | 2.04       | 1.01    | ppb   |
| Molybdenum | 97-1  | 0.73     | 0.78     | 0.68     | 0.73       | 6.69    | ppb   |
| Molybdenum | 98-1  | 0.66     | 0.68     | 0.66     | 0.67       | 1.74    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 37.84    | 39.02    | 38.71    | 38.52      | 1.59    | ppb   |
| Phosphorus | 31-2  | 710.52   | 712.93   | 684.77   | 702.74     | 2.22    | ppb   |
| Potassium  | 39-2  | 589.85   | 595.44   | 610.38   | 598.55     | 1.77    | ppb   |
| Rhodium    | 103-1 |          |          |          | 97         |         | %     |
| Rhodium    | 103-2 |          |          |          | 91         |         | %     |
| Scandium   | 45-1  |          |          |          | 96         |         | %     |
| Scandium   | 45-2  |          |          |          | 91         |         | %     |
| Selenium   | 77-2  | 10.05    | 6.66     | 8.28     | 8.33       | 20.31   | ppb   |
| Selenium   | 78-2  | 2.01     | 2.62     | 2.18     | 2.27       | 13.74   | ppb   |
| Selenium   | 82-1  | 0.69     | 0.37     | 1.06     | 0.71       | 48.93   | ppb   |
| Silicon    | 28-1  | 3097.74  | 3070.97  | 3071.76  | 3080.16    | 0.49    | ppb   |
| Silver     | 109-1 | 0.07     | 0.06     | 0.05     | 0.06       | 16.59   | ppb   |
| Silver     | 107-1 | 0.07     | 0.08     | 0.07     | 0.07       | 3.00    | ppb   |
| Sodium     | 23-2  | 164.76   | 165.80   | 169.48   | 166.68     | 1.49    | ppb   |
| Strontium  | 86-1  | 7.84     | 7.88     | 7.45     | 7.72       | 3.09    | ppb   |
| Strontium  | 88-1  | 7.88     | 7.80     | 7.87     | 7.85       | 0.62    | ppb   |
| Sulfur     | 34-1  | -1824.62 | -1887.39 | -1905.78 | -1872.60   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 107        |         | %     |
| Terbium    | 159-2 |          |          |          | 101        |         | %     |
| Thallium   | 203-1 | 0.19     | 0.17     | 0.17     | 0.18       | 4.29    | ppb   |
| Thallium   | 205-1 | 0.20     | 0.18     | 0.19     | 0.19       | 5.40    | ppb   |
| Thorium    | 232-1 | 4.06     | 4.00     | 4.03     | 4.03       | 0.80    | ppb   |
| Tin        | 118-1 | 0.08     | 0.13     | 0.11     | 0.10       | 23.02   | ppb   |
| Titanium   | 47-1  | 33.81    | 31.97    | 33.53    | 33.10      | 2.99    | ppb   |
| Uranium    | 238-1 | 0.55     | 0.55     | 0.54     | 0.54       | 1.30    | ppb   |
| Vanadium   | 51-2  | 34.30    | 35.28    | 35.02    | 34.87      | 1.46    | ppb   |
| Yttrium    | 89-1  |          |          |          | 104        |         | %     |
| Yttrium    | 89-2  |          |          |          | 99         |         | %     |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-17DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS011-1824-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 19:41:16  | DataFile Name :   | 114SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 124.54  | 130.76  | 128.88  | 128.06     | 2.49    | ppb   |
| Zirconium | 90-1 | 4.53    | 4.44    | 4.37    | 4.45       | 1.81    | ppb   |
| Zirconium | 91-1 | 4.68    | 4.62    | 4.45    | 4.58       | 2.64    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100071            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV32               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV32               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-12-27 19:44:51 | DataFile Name :   | 115CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 51360.78  | 51042.50  | 50839.01  | 51080.76   | 0.51    | ppb   |
| Antimony   | 121-1 | 477.14    | 476.24    | 482.07    | 478.49     | 0.66    | ppb   |
| Arsenic    | 75-2  | 486.81    | 493.78    | 490.41    | 490.33     | 0.71    | ppb   |
| Barium     | 135-1 | 2451.34   | 2452.96   | 2463.94   | 2456.08    | 0.28    | ppb   |
| Barium     | 137-1 | 2537.57   | 2533.37   | 2530.13   | 2533.69    | 0.15    | ppb   |
| Beryllium  | 9-1   | 505.98    | 499.17    | 502.99    | 502.71     | 0.68    | ppb   |
| Bismuth    | 209-1 |           |           |           | 85         |         | %     |
| Bismuth    | 209-2 |           |           |           | 80         |         | %     |
| Boron      | 10-1  | 485.78    | 486.27    | 492.21    | 488.09     | 0.73    | ppb   |
| Boron      | 11-1  | 480.08    | 487.24    | 489.64    | 485.65     | 1.02    | ppb   |
| Cadmium    | 111-1 | 494.66    | 490.29    | 494.87    | 493.27     | 0.52    | ppb   |
| Cadmium    | 106-1 | 494.67    | 482.70    | 485.07    | 487.48     | 1.30    | ppb   |
| Cadmium    | 108-1 | 498.03    | 491.24    | 496.16    | 495.14     | 0.71    | ppb   |
| Calcium    | 43-1  | 246725.41 | 244467.05 | 245230.54 | 245474.33  | 0.47    | ppb   |
| Calcium    | 44-1  | 246976.90 | 244979.44 | 245905.70 | 245954.02  | 0.41    | ppb   |
| Chromium   | 52-2  | 507.18    | 508.36    | 503.18    | 506.24     | 0.54    | ppb   |
| Cobalt     | 59-2  | 498.55    | 491.30    | 491.69    | 493.85     | 0.83    | ppb   |
| Copper     | 63-2  | 988.76    | 980.69    | 984.98    | 984.81     | 0.41    | 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 |           |           |           | 93         |         | %     |
| Indium     | 115-1 |           |           |           | 86         |         | %     |
| Indium     | 115-2 |           |           |           | 82         |         | %     |
| Iron       | 56-2  | 134875.23 | 133151.06 | 134047.77 | 134024.68  | 0.64    | ppb   |
| Iron       | 57-2  | 135823.78 | 133567.49 | 133378.24 | 134256.50  | 1.01    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 525.26    | 522.47    | 526.73    | 524.82     | 0.41    | ppb   |
| Lead       | 207-1 | 523.32    | 519.51    | 521.84    | 521.56     | 0.37    | ppb   |
| Lead       | 208-1 | 532.55    | 529.91    | 532.29    | 531.58     | 0.27    | ppb   |
| Lithium    | 6-1   |           |           |           | 79         |         | %     |
| Magnesium  | 24-2  | 254229.36 | 250106.73 | 250109.74 | 251481.94  | 0.95    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100071            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV32               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV32               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-12-27 19:44:51 | DataFile Name :   | 115CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 1017.67   | 1003.97   | 1002.87   | 1008.17    | 0.82    | ppb   |
| Molybdenum | 94-1  | 2524.97   | 2480.54   | 2501.58   | 2502.36    | 0.89    | ppb   |
| Molybdenum | 95-1  | 2525.74   | 2493.10   | 2507.84   | 2508.89    | 0.65    | ppb   |
| Molybdenum | 96-1  | 2533.07   | 2509.00   | 2518.18   | 2520.08    | 0.48    | ppb   |
| Molybdenum | 97-1  | 2536.12   | 2504.67   | 2494.26   | 2511.68    | 0.87    | ppb   |
| Molybdenum | 98-1  | 2515.25   | 2512.95   | 2511.71   | 2513.30    | 0.07    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 489.72    | 485.29    | 488.45    | 487.82     | 0.47    | ppb   |
| Phosphorus | 31-2  | 9459.68   | 10056.12  | 9733.30   | 9749.70    | 3.06    | ppb   |
| Potassium  | 39-2  | 131532.52 | 130001.01 | 130685.67 | 130739.73  | 0.59    | ppb   |
| Rhodium    | 103-1 |           |           |           | 80         |         | %     |
| Rhodium    | 103-2 |           |           |           | 76         |         | %     |
| Scandium   | 45-1  |           |           |           | 85         |         | %     |
| Scandium   | 45-2  |           |           |           | 82         |         | %     |
| Selenium   | 77-2  | 466.28    | 515.14    | 494.47    | 491.96     | 4.99    | ppb   |
| Selenium   | 78-2  | 507.45    | 496.03    | 504.01    | 502.50     | 1.17    | ppb   |
| Selenium   | 82-1  | 484.39    | 479.11    | 481.49    | 481.66     | 0.55    | ppb   |
| Silicon    | 28-1  | 496.05    | 499.27    | 499.72    | 498.34     | 0.40    | ppb   |
| Silver     | 109-1 | 467.87    | 465.34    | 466.99    | 466.73     | 0.27    | ppb   |
| Silver     | 107-1 | 474.58    | 470.00    | 468.87    | 471.15     | 0.64    | ppb   |
| Sodium     | 23-2  | 250244.13 | 246470.30 | 248395.15 | 248369.86  | 0.76    | ppb   |
| Strontium  | 86-1  | 494.28    | 484.09    | 486.13    | 488.17     | 1.10    | ppb   |
| Strontium  | 88-1  | 508.16    | 501.69    | 502.08    | 503.98     | 0.72    | ppb   |
| Sulfur     | 34-1  | 9333.49   | 9227.74   | 9263.52   | 9274.92    | 0.58    | ppb   |
| Terbium    | 159-1 |           |           |           | 98         |         | %     |
| Terbium    | 159-2 |           |           |           | 92         |         | %     |
| Thallium   | 203-1 | 524.32    | 520.22    | 527.44    | 524.00     | 0.69    | ppb   |
| Thallium   | 205-1 | 551.35    | 548.48    | 555.12    | 551.65     | 0.60    | ppb   |
| Thorium    | 232-1 | 536.37    | 537.00    | 540.09    | 537.82     | 0.37    | ppb   |
| Tin        | 118-1 | 467.14    | 464.13    | 471.04    | 467.44     | 0.74    | ppb   |
| Titanium   | 47-1  | 2477.72   | 2476.93   | 2474.15   | 2476.27    | 0.08    | ppb   |
| Uranium    | 238-1 | 520.24    | 521.14    | 523.67    | 521.69     | 0.34    | ppb   |
| Vanadium   | 51-2  | 511.18    | 510.17    | 511.83    | 511.06     | 0.16    | ppb   |
| Yttrium    | 89-1  |           |           |           | 89         |         | %     |
| Yttrium    | 89-2  |           |           |           | 85         |         | %     |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100071            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV32               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV32               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-12-27 19:44:51 | DataFile Name :   | 115CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 994.45  | 988.86  | 983.31  | 988.87     | 0.56    | ppb   |
| Zirconium | 90-1 | 507.75  | 504.78  | 502.85  | 505.13     | 0.49    | ppb   |
| Zirconium | 91-1 | 496.63  | 493.34  | 491.87  | 493.95     | 0.49    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB32               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB32               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 19:48:28 | DataFile Name :   | 116CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.96    | 34.05   | 2.52    | 13.17      | 137.21  | ppb   |
| Antimony   | 121-1 | 0.19    | 0.15    | 0.16    | 0.17       | 10.58   | ppb   |
| Arsenic    | 75-2  | 0.07    | 0.07    | 0.06    | 0.07       | 5.93    | ppb   |
| Barium     | 135-1 | 0.16    | 0.12    | 0.14    | 0.14       | 14.34   | ppb   |
| Barium     | 137-1 | 0.17    | 0.12    | 0.12    | 0.14       | 18.12   | ppb   |
| Beryllium  | 9-1   | 0.07    | 0.08    | 0.06    | 0.07       | 10.92   | ppb   |
| Bismuth    | 209-1 |         |         |         | 109        |         | %     |
| Bismuth    | 209-2 |         |         |         | 98         |         | %     |
| Boron      | 10-1  | 6.71    | 6.69    | 5.89    | 6.43       | 7.29    | ppb   |
| Boron      | 11-1  | 6.74    | 6.23    | 5.53    | 6.17       | 9.84    | ppb   |
| Cadmium    | 111-1 | -0.27   | -0.30   | -0.38   | -0.32      |         | ppb   |
| Cadmium    | 106-1 | -4.01   | -4.41   | -5.45   | -4.62      |         | ppb   |
| Cadmium    | 108-1 | 0.05    | -0.02   | -0.06   | -0.01      |         | ppb   |
| Calcium    | 43-1  | 10.99   | 8.08    | 5.26    | 8.11       | 35.36   | ppb   |
| Calcium    | 44-1  | 12.45   | 12.84   | 10.58   | 11.96      | 10.07   | ppb   |
| Chromium   | 52-2  | 0.00    | 0.14    | 0.02    | 0.05       | 144.43  | ppb   |
| Cobalt     | 59-2  | 0.02    | 0.12    | 0.02    | 0.05       | 115.13  | ppb   |
| Copper     | 63-2  | 0.02    | 0.15    | 0.04    | 0.07       | 101.74  | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 109        |         | %     |
| Holmium    | 165-2 |         |         |         | 101        |         | %     |
| Indium     | 115-1 |         |         |         | 101        |         | %     |
| Indium     | 115-2 |         |         |         | 97         |         | %     |
| Iron       | 56-2  | 8.13    | 43.38   | 9.18    | 20.23      | 99.14   | ppb   |
| Iron       | 57-2  | 9.16    | 52.71   | 11.47   | 24.45      | 100.24  | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.10    | 0.09    | 0.10    | 0.10       | 3.70    | ppb   |
| Lead       | 207-1 | 0.07    | 0.08    | 0.08    | 0.08       | 5.89    | ppb   |
| Lead       | 208-1 | 0.09    | 0.09    | 0.09    | 0.09       | 0.70    | ppb   |
| Lithium    | 6-1   |         |         |         | 90         |         | %     |
| Magnesium  | 24-2  | 10.09   | 186.93  | 11.06   | 69.36      | 146.80  | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB32               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB32               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 19:48:28 | DataFile Name :   | 116CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.15    | 0.52    | 0.19    | 0.29       | 69.47   | ppb   |
| Molybdenum | 94-1  | 0.48    | 0.39    | 0.33    | 0.40       | 19.26   | ppb   |
| Molybdenum | 95-1  | 0.56    | 0.47    | 0.47    | 0.50       | 10.11   | ppb   |
| Molybdenum | 96-1  | 0.59    | 0.56    | 0.41    | 0.52       | 18.88   | ppb   |
| Molybdenum | 97-1  | 0.59    | 0.52    | 0.45    | 0.52       | 14.03   | ppb   |
| Molybdenum | 98-1  | 0.59    | 0.49    | 0.42    | 0.50       | 16.94   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.00    | 0.12    | 0.03    | 0.05       | 134.97  | ppb   |
| Phosphorus | 31-2  | -42.97  | -34.41  | -51.69  | -43.02     |         | ppb   |
| Potassium  | 39-2  | 5.44    | 65.65   | 13.55   | 28.21      | 115.80  | ppb   |
| Rhodium    | 103-1 |         |         |         | 99         |         | %     |
| Rhodium    | 103-2 |         |         |         | 93         |         | %     |
| Scandium   | 45-1  |         |         |         | 95         |         | %     |
| Scandium   | 45-2  |         |         |         | 91         |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.07    | 0.41    | 0.07    | 0.18       | 108.53  | ppb   |
| Selenium   | 82-1  | 0.07    | 0.06    | 0.15    | 0.09       | 51.07   | ppb   |
| Silicon    | 28-1  | -3.26   | -3.90   | -4.25   | -3.80      |         | ppb   |
| Silver     | 109-1 | 0.03    | 0.03    | 0.04    | 0.03       | 19.91   | ppb   |
| Silver     | 107-1 | 0.04    | 0.04    | 0.03    | 0.03       | 22.03   | ppb   |
| Sodium     | 23-2  | 15.84   | 179.53  | 17.21   | 70.86      | 132.82  | ppb   |
| Strontium  | 86-1  | -0.01   | -0.02   | 0.00    | -0.01      |         | ppb   |
| Strontium  | 88-1  | 0.03    | 0.03    | 0.02    | 0.02       | 12.85   | ppb   |
| Sulfur     | 34-1  | -686.67 | -708.11 | -735.09 | -709.96    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 108        |         | %     |
| Terbium    | 159-2 |         |         |         | 101        |         | %     |
| Thallium   | 203-1 | 0.09    | 0.08    | 0.08    | 0.08       | 9.33    | ppb   |
| Thallium   | 205-1 | 0.10    | 0.10    | 0.08    | 0.09       | 14.33   | ppb   |
| Thorium    | 232-1 | 0.08    | 0.07    | 0.06    | 0.07       | 13.40   | ppb   |
| Tin        | 118-1 | 0.08    | 0.07    | 0.08    | 0.08       | 8.89    | ppb   |
| Titanium   | 47-1  | 0.16    | 0.10    | 0.21    | 0.16       | 34.08   | ppb   |
| Uranium    | 238-1 | 0.02    | 0.02    | 0.02    | 0.02       | 8.06    | ppb   |
| Vanadium   | 51-2  | 0.02    | 0.23    | 0.03    | 0.09       | 131.54  | ppb   |
| Yttrium    | 89-1  |         |         |         | 100        |         | %     |
| Yttrium    | 89-2  |         |         |         | 95         |         | %     |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB32               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB32               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 19:48:28 | DataFile Name :   | 116CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zinc      | 66-2 | 0.22    | 0.28    | 0.11    | 0.20       | 41.61   | ppb   |
| Zirconium | 90-1 | 0.04    | 0.03    | 0.03    | 0.03       | 28.13   | ppb   |
| Zirconium | 91-1 | 0.03    | 0.05    | 0.04    | 0.04       | 25.02   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 11:45:39 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | CPS1     | CPS2    | CPS3    | CPSMean  | CPSRSD | Units |
|------------|-------|----------|---------|---------|----------|--------|-------|
| Aluminium  | 27-2  | 8        | 33      | 42      | 28       | 62.46  | cps   |
| Antimony   | 121-1 | 17       | 25      | 25      | 22       | 21.64  | cps   |
| Arsenic    | 75-2  | 0        | 2       | 6       | 2        | 114.63 | cps   |
| Barium     | 135-1 | 25       | 50      | 33      | 36       | 35.25  | cps   |
| Barium     | 137-1 | 0        | 42      | 50      | 31       | 87.67  | cps   |
| Beryllium  | 9-1   | 50       | 39      | 22      | 37       | 37.75  | cps   |
| Bismuth    | 209-1 | 7141064  | 7000728 | 7068641 | 7070144  | 0.99   | cps   |
| Bismuth    | 209-2 | 4386576  | 4382721 | 4453755 | 4407684  | 0.91   | cps   |
| Boron      | 10-1  | 542      | 858     | 475     | 625      | 32.77  | cps   |
| Boron      | 11-1  | 2267     | 3459    | 2609    | 2778     | 22.09  | cps   |
| Cadmium    | 111-1 | 2749     | 2962    | 3152    | 2954     | 6.82   | cps   |
| Cadmium    | 106-1 | 3926     | 4234    | 4526    | 4229     | 7.10   | cps   |
| Cadmium    | 108-1 | 4        | 21      | 29      | 18       | 70.49  | cps   |
| Calcium    | 43-1  | 108      | 125     | 133     | 122      | 10.41  | cps   |
| Calcium    | 44-1  | 3234     | 3626    | 3409    | 3423     | 5.73   | cps   |
| Chromium   | 52-2  | 747      | 717     | 827     | 763      | 7.45   | cps   |
| Cobalt     | 59-2  | 80       | 87      | 77      | 81       | 6.28   | cps   |
| Copper     | 63-2  | 173      | 203     | 230     | 202      | 14.02  | cps   |
| Dysprosium | 156-1 | 8        | 8       | 33      | 17       | 86.62  | cps   |
| Dysprosium | 156-2 | 0        | 7       | 0       | 2        | 173.21 | cps   |
| Erbium     | 164-1 | 25       | 42      | 50      | 39       | 32.73  | cps   |
| Erbium     | 164-2 | 17       | 7       | 10      | 11       | 45.82  | cps   |
| Gadolinium | 160-1 | 58       | 92      | 83      | 78       | 22.30  | cps   |
| Gadolinium | 160-2 | 140      | 160     | 167     | 156      | 8.92   | cps   |
| Holmium    | 165-1 | 10146617 | 9971774 | 9995376 | 10037922 | 0.95   | cps   |
| Holmium    | 165-2 | 5546616  | 5553219 | 5651586 | 5583807  | 1.05   | cps   |
| Indium     | 115-1 | 8613575  | 8431499 | 8476869 | 8507314  | 1.11   | cps   |
| Indium     | 115-2 | 1658216  | 1672383 | 1692482 | 1674360  | 1.03   | cps   |
| Iron       | 56-2  | 4051     | 4223    | 4006    | 4093     | 2.80   | cps   |
| Iron       | 57-2  | 100      | 100     | 122     | 107      | 11.95  | cps   |
| Krypton    | 83-1  | 427      | 370     | 397     | 398      | 7.13   | cps   |
| Lead       | 206-1 | 606      | 644     | 544     | 598      | 8.43   | cps   |
| Lead       | 207-1 | 567      | 594     | 600     | 587      | 3.04   | cps   |
| Lead       | 208-1 | 2556     | 2561    | 2489    | 2535     | 1.58   | cps   |
| Lithium    | 6-1   | 3921180  | 3727267 | 3860941 | 3836463  | 2.59   | cps   |
| Magnesium  | 24-2  | 125      | 175     | 133     | 144      | 18.54  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 11:45:39 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Manganese  | 55-2  | 117      | 93       | 113      | 108      | 11.71   | cps   |
| Molybdenum | 94-1  | 125      | 283      | 183      | 197      | 40.60   | cps   |
| Molybdenum | 95-1  | 17       | 25       | 25       | 22       | 21.64   | cps   |
| Molybdenum | 96-1  | 125      | 92       | 133      | 117      | 18.90   | cps   |
| Molybdenum | 97-1  | 58       | 50       | 25       | 44       | 39.04   | cps   |
| Molybdenum | 98-1  | 92       | 33       | 17       | 47       | 83.39   | cps   |
| Neodymium  | 150-1 | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Nickel     | 60-2  | 37       | 47       | 57       | 47       | 21.43   | cps   |
| Phosphorus | 31-2  | 142      | 308      | 317      | 256      | 38.63   | cps   |
| Potassium  | 39-2  | 16218    | 16193    | 16009    | 16140    | 0.71    | cps   |
| Rhodium    | 103-1 | 7886959  | 7766373  | 7775568  | 7809633  | 0.86    | cps   |
| Rhodium    | 103-2 | 3678365  | 3678948  | 3726837  | 3694717  | 0.75    | cps   |
| Scandium   | 45-1  | 5969739  | 5908712  | 5952329  | 5943593  | 0.53    | cps   |
| Scandium   | 45-2  | 238567   | 239645   | 241521   | 239911   | 0.62    | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Selenium   | 78-2  | 48       | 39       | 43       | 43       | 10.79   | cps   |
| Selenium   | 82-1  | -34      | 10       | -31      | -18      | -135.13 | cps   |
| Silicon    | 28-1  | 223335   | 222995   | 226177   | 224169   | 0.78    | cps   |
| Silver     | 109-1 | 92       | 67       | 58       | 72       | 24.02   | cps   |
| Silver     | 107-1 | 108      | 92       | 108      | 103      | 9.36    | cps   |
| Sodium     | 23-2  | 11672    | 12197    | 11930    | 11933    | 2.20    | cps   |
| Strontium  | 86-1  | 725      | 683      | 533      | 647      | 15.58   | cps   |
| Strontium  | 88-1  | 100      | 150      | 200      | 150      | 33.33   | cps   |
| Sulfur     | 34-1  | 357873   | 353345   | 351560   | 354260   | 0.92    | cps   |
| Terbium    | 159-1 | 10567988 | 10322189 | 10351655 | 10413944 | 1.29    | cps   |
| Terbium    | 159-2 | 5434618  | 5413326  | 5527012  | 5458318  | 1.11    | cps   |
| Thallium   | 203-1 | 83       | 50       | 58       | 64       | 27.15   | cps   |
| Thallium   | 205-1 | 133      | 150      | 192      | 158      | 18.98   | cps   |
| Thorium    | 232-1 | 11       | 11       | 22       | 15       | 43.30   | cps   |
| Tin        | 118-1 | 550      | 392      | 467      | 469      | 16.87   | cps   |
| Titanium   | 47-1  | 75       | 83       | 50       | 69       | 24.98   | cps   |
| Uranium    | 238-1 | 92       | 42       | 42       | 58       | 49.48   | cps   |
| Vanadium   | 51-2  | 0        | 20       | 0        | 7        | 173.21  | cps   |
| Yttrium    | 89-1  | 8850743  | 8664941  | 8774114  | 8763266  | 1.07    | cps   |
| Yttrium    | 89-2  | 1219679  | 1226435  | 1245755  | 1230623  | 1.10    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 11:45:39 | DataFile Name :   | 003CALB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zinc      | 66-2 | 147  | 237  | 187  | 190     | 23.73  | cps   |
| Zirconium | 90-1 | 500  | 492  | 633  | 542     | 14.68  | cps   |
| Zirconium | 91-1 | 133  | 83   | 125  | 114     | 23.52  | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB100071            | Operator :        | Jaswal     |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S2                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-12-27 11:53:44 | DataFile Name :   | 005CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1825     | 2109     | 1792     | 1909     | 9.12   | cps   |
| Antimony   | 121-1 | 15684    | 15484    | 16002    | 15723    | 1.66   | cps   |
| Arsenic    | 75-2  | 237      | 311      | 287      | 278      | 13.57  | cps   |
| Barium     | 135-1 | 20524    | 20182    | 20282    | 20329    | 0.86   | cps   |
| Barium     | 137-1 | 35413    | 35195    | 35672    | 35427    | 0.67   | cps   |
| Beryllium  | 9-1   | 3100     | 2989     | 3050     | 3047     | 1.83   | cps   |
| Bismuth    | 209-1 | 7334803  | 7376444  | 7347753  | 7353000  | 0.29   | cps   |
| Bismuth    | 209-2 | 4452898  | 4532286  | 4553684  | 4512956  | 1.18   | cps   |
| Boron      | 10-1  | 13381    | 13765    | 14624    | 13924    | 4.57   | cps   |
| Boron      | 11-1  | 59484    | 61500    | 63384    | 61456    | 3.17   | cps   |
| Cadmium    | 111-1 | 5317     | 5535     | 5470     | 5441     | 2.06   | cps   |
| Cadmium    | 106-1 | 4559     | 4626     | 4551     | 4579     | 0.90   | cps   |
| Cadmium    | 108-1 | 154      | 129      | 154      | 146      | 9.90   | cps   |
| Calcium    | 43-1  | 15217    | 14758    | 14841    | 14939    | 1.64   | cps   |
| Calcium    | 44-1  | 243633   | 240595   | 247236   | 243821   | 1.36   | cps   |
| Chromium   | 52-2  | 5705     | 5638     | 5808     | 5717     | 1.50   | cps   |
| Cobalt     | 59-2  | 4244     | 4281     | 4301     | 4275     | 0.67   | cps   |
| Copper     | 63-2  | 6058     | 6171     | 6251     | 6160     | 1.58   | cps   |
| Dysprosium | 156-1 | 17       | 8        | 0        | 8        | 100.02 | cps   |
| Dysprosium | 156-2 | 13       | 7        | 0        | 7        | 99.98  | cps   |
| Erbium     | 164-1 | 42       | 33       | 25       | 33       | 25.01  | cps   |
| Erbium     | 164-2 | 10       | 17       | 13       | 13       | 25.01  | cps   |
| Gadolinium | 160-1 | 67       | 50       | 33       | 50       | 33.34  | cps   |
| Gadolinium | 160-2 | 173      | 180      | 137      | 163      | 14.29  | cps   |
| Holmium    | 165-1 | 10563042 | 10586277 | 10559798 | 10569706 | 0.14   | cps   |
| Holmium    | 165-2 | 5637818  | 5720150  | 5766065  | 5708011  | 1.14   | cps   |
| Indium     | 115-1 | 8843704  | 8894255  | 8921890  | 8886616  | 0.45   | cps   |
| Indium     | 115-2 | 1688215  | 1717755  | 1733154  | 1713041  | 1.33   | cps   |
| Iron       | 56-2  | 120676   | 122220   | 119617   | 120837   | 1.08   | cps   |
| Iron       | 57-2  | 3039     | 3178     | 3050     | 3089     | 2.50   | cps   |
| Krypton    | 83-1  | 313      | 443      | 377      | 378      | 17.21  | cps   |
| Lead       | 206-1 | 7786     | 7352     | 7397     | 7512     | 3.18   | cps   |
| Lead       | 207-1 | 6430     | 6363     | 6285     | 6359     | 1.14   | cps   |
| Lead       | 208-1 | 30170    | 30242    | 29686    | 30033    | 1.01   | cps   |
| Lithium    | 6-1   | 3973813  | 4001723  | 4027925  | 4001154  | 0.68   | cps   |
| Magnesium  | 24-2  | 110270   | 112227   | 112998   | 111832   | 1.26   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB100071            | Operator :        | Jaswal     |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S2                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-12-27 11:53:44 | DataFile Name :   | 005CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1637     | 1630     | 1667     | 1645     | 1.19   | cps   |
| Molybdenum | 94-1  | 18763    | 17720    | 17319    | 17934    | 4.16   | cps   |
| Molybdenum | 95-1  | 21700    | 21525    | 21851    | 21692    | 0.75   | cps   |
| Molybdenum | 96-1  | 24856    | 23387    | 23687    | 23976    | 3.24   | cps   |
| Molybdenum | 97-1  | 13916    | 13716    | 13248    | 13627    | 2.51   | cps   |
| Molybdenum | 98-1  | 35445    | 34518    | 33641    | 34535    | 2.61   | cps   |
| Neodymium  | 150-1 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Neodymium  | 150-2 | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Nickel     | 60-2  | 1130     | 1240     | 1213     | 1195     | 4.80   | cps   |
| Phosphorus | 31-2  | 600      | 642      | 608      | 617      | 3.58   | cps   |
| Potassium  | 39-2  | 109375   | 109855   | 110854   | 110028   | 0.69   | cps   |
| Rhodium    | 103-1 | 8115016  | 8152754  | 8199534  | 8155768  | 0.52   | cps   |
| Rhodium    | 103-2 | 3756052  | 3790101  | 3821679  | 3789277  | 0.87   | cps   |
| Scandium   | 45-1  | 6175053  | 6234341  | 6222109  | 6210501  | 0.50   | cps   |
| Scandium   | 45-2  | 246913   | 249336   | 248717   | 248322   | 0.51   | cps   |
| Selenium   | 77-2  | 37       | 37       | 27       | 33       | 17.32  | cps   |
| Selenium   | 78-2  | 174      | 209      | 209      | 198      | 10.28  | cps   |
| Selenium   | 82-1  | 1078     | 927      | 1004     | 1003     | 7.53   | cps   |
| Silicon    | 28-1  | 299955   | 297305   | 297241   | 298167   | 0.52   | cps   |
| Silver     | 109-1 | 11130    | 11655    | 11497    | 11427    | 2.36   | cps   |
| Silver     | 107-1 | 11121    | 11797    | 11030    | 11316    | 3.70   | cps   |
| Sodium     | 23-2  | 212381   | 213243   | 214948   | 213524   | 0.61   | cps   |
| Strontium  | 86-1  | 3617     | 3417     | 3701     | 3578     | 4.07   | cps   |
| Strontium  | 88-1  | 24622    | 24923    | 23854    | 24466    | 2.25   | cps   |
| Sulfur     | 34-1  | 369437   | 366397   | 369405   | 368413   | 0.47   | cps   |
| Terbium    | 159-1 | 10846080 | 10918576 | 10913772 | 10892809 | 0.37   | cps   |
| Terbium    | 159-2 | 5546027  | 5608557  | 5660079  | 5604888  | 1.02   | cps   |
| Thallium   | 203-1 | 8286     | 7836     | 8061     | 8061     | 2.79   | cps   |
| Thallium   | 205-1 | 19824    | 20308    | 19724    | 19952    | 1.56   | cps   |
| Thorium    | 232-1 | 29027    | 29979    | 29779    | 29595    | 1.70   | cps   |
| Tin        | 118-1 | 38311    | 37860    | 37802    | 37991    | 0.73   | cps   |
| Titanium   | 47-1  | 6327     | 7019     | 6977     | 6774     | 5.73   | cps   |
| Uranium    | 238-1 | 29109    | 29777    | 28599    | 29161    | 2.03   | cps   |
| Vanadium   | 51-2  | 10921    | 10407    | 10584    | 10637    | 2.45   | cps   |
| Yttrium    | 89-1  | 9128009  | 9192885  | 9165139  | 9162011  | 0.36   | cps   |
| Yttrium    | 89-2  | 1245401  | 1262691  | 1265263  | 1257785  | 0.86   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S2                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 11:53:44 | DataFile Name :   | 005CALS.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zinc      | 66-2 | 1160  | 1060  | 1057  | 1092    | 5.38   | cps   |
| Zirconium | 90-1 | 14616 | 14875 | 14775 | 14755   | 0.88   | cps   |
| Zirconium | 91-1 | 3492  | 3192  | 3259  | 3314    | 4.75   | cps   |



LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : S3 Instrumnet Name : P7  
 Client Sample ID : S3 Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 11:57:39 DataFile Name : 006CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 100704   | 99689    | 98306    | 99566    | 1.21   | cps   |
| Antimony   | 121-1 | 425394   | 422469   | 424781   | 424215   | 0.36   | cps   |
| Arsenic    | 75-2  | 13933    | 14070    | 14363    | 14122    | 1.56   | cps   |
| Barium     | 135-1 | 537259   | 539157   | 533184   | 536533   | 0.57   | cps   |
| Barium     | 137-1 | 942781   | 946860   | 940560   | 943400   | 0.34   | cps   |
| Beryllium  | 9-1   | 164633   | 164290   | 163739   | 164221   | 0.27   | cps   |
| Bismuth    | 209-1 | 7496586  | 7465514  | 7498508  | 7486869  | 0.25   | cps   |
| Bismuth    | 209-2 | 4431824  | 4467333  | 4408697  | 4435951  | 0.67   | cps   |
| Boron      | 10-1  | 29496    | 29296    | 30423    | 29738    | 2.02   | cps   |
| Boron      | 11-1  | 133242   | 133813   | 131233   | 132763   | 1.02   | cps   |
| Cadmium    | 111-1 | 135827   | 134984   | 134968   | 135260   | 0.36   | cps   |
| Cadmium    | 106-1 | 19147    | 18930    | 18797    | 18958    | 0.93   | cps   |
| Cadmium    | 108-1 | 10604    | 10037    | 10575    | 10405    | 3.07   | cps   |
| Calcium    | 43-1  | 164076   | 161802   | 162863   | 162914   | 0.70   | cps   |
| Calcium    | 44-1  | 2623204  | 2626499  | 2594226  | 2614643  | 0.68   | cps   |
| Chromium   | 52-2  | 132926   | 131708   | 129929   | 131521   | 1.15   | cps   |
| Cobalt     | 59-2  | 218654   | 217669   | 216828   | 217717   | 0.42   | cps   |
| Copper     | 63-2  | 304304   | 306252   | 300527   | 303694   | 0.96   | cps   |
| Dysprosium | 156-1 | 17       | 17       | 42       | 25       | 57.73  | cps   |
| Dysprosium | 156-2 | 17       | 7        | 7        | 10       | 57.72  | cps   |
| Erbium     | 164-1 | 50       | 25       | 33       | 36       | 35.25  | cps   |
| Erbium     | 164-2 | 10       | 13       | 17       | 13       | 25.01  | cps   |
| Gadolinium | 160-1 | 67       | 83       | 50       | 67       | 25.00  | cps   |
| Gadolinium | 160-2 | 187      | 183      | 160      | 177      | 8.23   | cps   |
| Holmium    | 165-1 | 10825644 | 10716269 | 10665150 | 10735688 | 0.76   | cps   |
| Holmium    | 165-2 | 5588489  | 5689299  | 5627570  | 5635119  | 0.90   | cps   |
| Indium     | 115-1 | 8880339  | 8803673  | 8790024  | 8824679  | 0.55   | cps   |
| Indium     | 115-2 | 1624320  | 1645012  | 1637392  | 1635575  | 0.64   | cps   |
| Iron       | 56-2  | 5789720  | 5733022  | 5732939  | 5751894  | 0.57   | cps   |
| Iron       | 57-2  | 142686   | 141806   | 143796   | 142763   | 0.70   | cps   |
| Krypton    | 83-1  | 367      | 373      | 433      | 391      | 9.39   | cps   |
| Lead       | 206-1 | 371823   | 374853   | 374814   | 373830   | 0.47   | cps   |
| Lead       | 207-1 | 344856   | 343902   | 341327   | 343362   | 0.53   | cps   |
| Lead       | 208-1 | 1542370  | 1547657  | 1536280  | 1542103  | 0.37   | cps   |
| Lithium    | 6-1   | 4036008  | 4038860  | 4043305  | 4039391  | 0.09   | cps   |
| Magnesium  | 24-2  | 1189972  | 1191464  | 1183518  | 1188318  | 0.36   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB100071            | Operator :        | Jaswal     |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S3                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-12-27 11:57:39 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 162108   | 162881   | 164113   | 163034   | 0.62   | cps   |
| Molybdenum | 94-1  | 922489   | 913109   | 906221   | 913940   | 0.89   | cps   |
| Molybdenum | 95-1  | 1121237  | 1127796  | 1118684  | 1122572  | 0.42   | cps   |
| Molybdenum | 96-1  | 1234853  | 1236440  | 1232311  | 1234535  | 0.17   | cps   |
| Molybdenum | 97-1  | 692878   | 690577   | 687170   | 690209   | 0.42   | cps   |
| Molybdenum | 98-1  | 1803030  | 1776347  | 1788907  | 1789428  | 0.75   | cps   |
| Neodymium  | 150-1 | 33       | 27       | 47       | 36       | 28.64  | cps   |
| Neodymium  | 150-2 | 0        | 7        | 7        | 4        | 86.60  | cps   |
| Nickel     | 60-2  | 57091    | 57532    | 57124    | 57249    | 0.43   | cps   |
| Phosphorus | 31-2  | 5926     | 5493     | 5826     | 5749     | 3.95   | cps   |
| Potassium  | 39-2  | 506814   | 503163   | 503119   | 504366   | 0.42   | cps   |
| Rhodium    | 103-1 | 8082565  | 8024121  | 8064075  | 8056920  | 0.37   | cps   |
| Rhodium    | 103-2 | 3601545  | 3616068  | 3600457  | 3606023  | 0.24   | cps   |
| Scandium   | 45-1  | 6188947  | 6126131  | 6120275  | 6145118  | 0.62   | cps   |
| Scandium   | 45-2  | 232355   | 234533   | 234659   | 233849   | 0.55   | cps   |
| Selenium   | 77-2  | 377      | 413      | 480      | 423      | 12.38  | cps   |
| Selenium   | 78-2  | 1504     | 1376     | 1374     | 1418     | 5.24   | cps   |
| Selenium   | 82-1  | 10211    | 10175    | 10048    | 10145    | 0.84   | cps   |
| Silicon    | 28-1  | 668046   | 672345   | 669627   | 670006   | 0.32   | cps   |
| Silver     | 109-1 | 604182   | 597625   | 602411   | 601406   | 0.56   | cps   |
| Silver     | 107-1 | 625741   | 624554   | 618121   | 622805   | 0.66   | cps   |
| Sodium     | 23-2  | 2128166  | 2110180  | 2120634  | 2119660  | 0.43   | cps   |
| Strontium  | 86-1  | 150043   | 152829   | 153217   | 152030   | 1.14   | cps   |
| Strontium  | 88-1  | 1313026  | 1332550  | 1316970  | 1320848  | 0.78   | cps   |
| Sulfur     | 34-1  | 439817   | 434661   | 429584   | 434687   | 1.18   | cps   |
| Terbium    | 159-1 | 11018683 | 10980194 | 10948123 | 10982334 | 0.32   | cps   |
| Terbium    | 159-2 | 5451688  | 5517735  | 5516334  | 5495252  | 0.69   | cps   |
| Thallium   | 203-1 | 453836   | 453465   | 454279   | 453860   | 0.09   | cps   |
| Thallium   | 205-1 | 1100477  | 1091410  | 1091965  | 1094617  | 0.46   | cps   |
| Thorium    | 232-1 | 1669863  | 1664641  | 1650332  | 1661612  | 0.61   | cps   |
| Tin        | 118-1 | 397256   | 395333   | 393546   | 395378   | 0.47   | cps   |
| Titanium   | 47-1  | 354327   | 355101   | 348700   | 352709   | 0.99   | cps   |
| Uranium    | 238-1 | 1654101  | 1649123  | 1644360  | 1649195  | 0.30   | cps   |
| Vanadium   | 51-2  | 104940   | 104003   | 103476   | 104140   | 0.71   | cps   |
| Yttrium    | 89-1  | 9088529  | 9080289  | 9069169  | 9079329  | 0.11   | cps   |
| Yttrium    | 89-2  | 1201658  | 1207268  | 1206646  | 1205191  | 0.26   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S3                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 11:57:39 | DataFile Name :   | 006CALS.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 49557  | 49229  | 48363  | 49050   | 1.26   | cps   |
| Zirconium | 90-1 | 767710 | 766324 | 758814 | 764283  | 0.63   | cps   |
| Zirconium | 91-1 | 170528 | 168784 | 169571 | 169628  | 0.51   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : S4 Instrumnet Name : P7  
 Client Sample ID : S4 Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 12:01:43 DataFile Name : 007CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 224310   | 221254   | 221777   | 222447   | 0.73   | cps   |
| Antimony   | 121-1 | 1021783  | 1022668  | 1000939  | 1015130  | 1.21   | cps   |
| Arsenic    | 75-2  | 31709    | 31478    | 31020    | 31402    | 1.12   | cps   |
| Barium     | 135-1 | 1284933  | 1288679  | 1268707  | 1280773  | 0.83   | cps   |
| Barium     | 137-1 | 2266713  | 2271806  | 2223391  | 2253970  | 1.18   | cps   |
| Beryllium  | 9-1   | 382778   | 380939   | 378720   | 380813   | 0.53   | cps   |
| Bismuth    | 209-1 | 7251542  | 7203046  | 7139209  | 7197932  | 0.78   | cps   |
| Bismuth    | 209-2 | 4169240  | 4163473  | 4200265  | 4177659  | 0.47   | cps   |
| Boron      | 10-1  | 67811    | 67878    | 70448    | 68713    | 2.19   | cps   |
| Boron      | 11-1  | 307112   | 308599   | 306347   | 307353   | 0.37   | cps   |
| Cadmium    | 111-1 | 315449   | 317410   | 312866   | 315242   | 0.72   | cps   |
| Cadmium    | 106-1 | 39582    | 39080    | 38695    | 39119    | 1.14   | cps   |
| Cadmium    | 108-1 | 24810    | 24100    | 23628    | 24179    | 2.46   | cps   |
| Calcium    | 43-1  | 384002   | 381019   | 375182   | 380068   | 1.18   | cps   |
| Calcium    | 44-1  | 6117448  | 6069254  | 6000457  | 6062386  | 0.97   | cps   |
| Chromium   | 52-2  | 290295   | 291338   | 289489   | 290374   | 0.32   | cps   |
| Cobalt     | 59-2  | 479447   | 480940   | 478726   | 479704   | 0.24   | cps   |
| Copper     | 63-2  | 667000   | 669837   | 661905   | 666247   | 0.60   | cps   |
| Dysprosium | 156-1 | 50       | 33       | 42       | 42       | 20.00  | cps   |
| Dysprosium | 156-2 | 30       | 20       | 17       | 22       | 31.22  | cps   |
| Erbium     | 164-1 | 33       | 25       | 17       | 25       | 33.32  | cps   |
| Erbium     | 164-2 | 23       | 13       | 13       | 17       | 34.65  | cps   |
| Gadolinium | 160-1 | 92       | 58       | 75       | 75       | 22.22  | cps   |
| Gadolinium | 160-2 | 127      | 117      | 157      | 133      | 15.61  | cps   |
| Holmium    | 165-1 | 10351828 | 10319270 | 10276198 | 10315765 | 0.37   | cps   |
| Holmium    | 165-2 | 5302125  | 5282217  | 5331432  | 5305258  | 0.47   | cps   |
| Indium     | 115-1 | 8292998  | 8311093  | 8246690  | 8283593  | 0.40   | cps   |
| Indium     | 115-2 | 1491409  | 1489376  | 1502367  | 1494384  | 0.47   | cps   |
| Iron       | 56-2  | 12873465 | 12911498 | 12795435 | 12860133 | 0.46   | cps   |
| Iron       | 57-2  | 318915   | 317184   | 315397   | 317165   | 0.55   | cps   |
| Krypton    | 83-1  | 360      | 327      | 313      | 333      | 7.21   | cps   |
| Lead       | 206-1 | 908318   | 909187   | 904051   | 907186   | 0.30   | cps   |
| Lead       | 207-1 | 836190   | 840728   | 837343   | 838087   | 0.28   | cps   |
| Lead       | 208-1 | 3766888  | 3757911  | 3736881  | 3753893  | 0.41   | cps   |
| Lithium    | 6-1   | 3803082  | 3771979  | 3710123  | 3761728  | 1.26   | cps   |
| Magnesium  | 24-2  | 2669597  | 2655735  | 2637555  | 2654296  | 0.61   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB100071            | Operator :        | Jaswal     |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S4                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-12-27 12:01:43 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 360581   | 365679   | 362738   | 362999   | 0.70   | cps   |
| Molybdenum | 94-1  | 2176880  | 2159620  | 2136668  | 2157723  | 0.93   | cps   |
| Molybdenum | 95-1  | 2678834  | 2641146  | 2629107  | 2649696  | 0.98   | cps   |
| Molybdenum | 96-1  | 2923137  | 2924963  | 2898559  | 2915553  | 0.51   | cps   |
| Molybdenum | 97-1  | 1652259  | 1638924  | 1611088  | 1634090  | 1.29   | cps   |
| Molybdenum | 98-1  | 4258183  | 4259427  | 4184774  | 4234128  | 1.01   | cps   |
| Neodymium  | 150-1 | 120      | 193      | 107      | 140      | 33.33  | cps   |
| Neodymium  | 150-2 | 3        | 7        | 7        | 6        | 34.70  | cps   |
| Nickel     | 60-2  | 125212   | 126967   | 125895   | 126025   | 0.70   | cps   |
| Phosphorus | 31-2  | 11755    | 12364    | 12047    | 12055    | 2.53   | cps   |
| Potassium  | 39-2  | 1097618  | 1096612  | 1076126  | 1090119  | 1.11   | cps   |
| Rhodium    | 103-1 | 7498895  | 7465275  | 7384506  | 7449559  | 0.79   | cps   |
| Rhodium    | 103-2 | 3261102  | 3244312  | 3280838  | 3262084  | 0.56   | cps   |
| Scandium   | 45-1  | 5764137  | 5694977  | 5653368  | 5704161  | 0.98   | cps   |
| Scandium   | 45-2  | 210455   | 207079   | 207764   | 208433   | 0.86   | cps   |
| Selenium   | 77-2  | 963      | 893      | 907      | 921      | 4.04   | cps   |
| Selenium   | 78-2  | 3365     | 3043     | 3206     | 3205     | 5.03   | cps   |
| Selenium   | 82-1  | 24402    | 24324    | 23950    | 24225    | 1.00   | cps   |
| Silicon    | 28-1  | 1239168  | 1255357  | 1243676  | 1246067  | 0.67   | cps   |
| Silver     | 109-1 | 1417637  | 1407786  | 1397437  | 1407620  | 0.72   | cps   |
| Silver     | 107-1 | 1452983  | 1448283  | 1434484  | 1445250  | 0.67   | cps   |
| Sodium     | 23-2  | 4751512  | 4722922  | 4698969  | 4724468  | 0.56   | cps   |
| Strontium  | 86-1  | 366392   | 360643   | 359289   | 362108   | 1.04   | cps   |
| Strontium  | 88-1  | 3172467  | 3137131  | 3087803  | 3132467  | 1.36   | cps   |
| Sulfur     | 34-1  | 486673   | 484392   | 478655   | 483240   | 0.85   | cps   |
| Terbium    | 159-1 | 10671534 | 10587400 | 10528225 | 10595720 | 0.68   | cps   |
| Terbium    | 159-2 | 5181431  | 5168501  | 5198939  | 5182957  | 0.29   | cps   |
| Thallium   | 203-1 | 1110554  | 1116340  | 1102126  | 1109673  | 0.64   | cps   |
| Thallium   | 205-1 | 2659659  | 2676030  | 2656845  | 2664178  | 0.39   | cps   |
| Thorium    | 232-1 | 4163923  | 4153182  | 4139920  | 4152342  | 0.29   | cps   |
| Tin        | 118-1 | 938315   | 944179   | 923921   | 935472   | 1.11   | cps   |
| Titanium   | 47-1  | 823354   | 820818   | 807611   | 817261   | 1.03   | cps   |
| Uranium    | 238-1 | 4152130  | 4116052  | 4120228  | 4129470  | 0.48   | cps   |
| Vanadium   | 51-2  | 230777   | 229845   | 227415   | 229345   | 0.76   | cps   |
| Yttrium    | 89-1  | 8659753  | 8547757  | 8443041  | 8550184  | 1.27   | cps   |
| Yttrium    | 89-2  | 1092654  | 1085927  | 1092468  | 1090349  | 0.35   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S4                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 12:01:43 | DataFile Name :   | 007CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 110248  | 109735  | 108056  | 109346  | 1.05   | cps   |
| Zirconium | 90-1 | 1817611 | 1796480 | 1772888 | 1795660 | 1.25   | cps   |
| Zirconium | 91-1 | 402736  | 403683  | 397014  | 401144  | 0.90   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : S5 Instrumnet Name : P7  
 Client Sample ID : S5 Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 12:05:32 DataFile Name : 008CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 400638   | 405046   | 398811   | 401498   | 0.80   | cps   |
| Antimony   | 121-1 | 1913142  | 1891154  | 1880251  | 1894849  | 0.88   | cps   |
| Arsenic    | 75-2  | 56689    | 57309    | 56647    | 56882    | 0.65   | cps   |
| Barium     | 135-1 | 2404693  | 2397636  | 2394594  | 2398974  | 0.22   | cps   |
| Barium     | 137-1 | 4272129  | 4236859  | 4229096  | 4246028  | 0.54   | cps   |
| Beryllium  | 9-1   | 682484   | 675901   | 668529   | 675638   | 1.03   | cps   |
| Bismuth    | 209-1 | 7168178  | 6778968  | 6969080  | 6972075  | 2.79   | cps   |
| Bismuth    | 209-2 | 4006166  | 4051577  | 4086751  | 4048164  | 1.00   | cps   |
| Boron      | 10-1  | 122812   | 124769   | 123853   | 123811   | 0.79   | cps   |
| Boron      | 11-1  | 538710   | 557003   | 546432   | 547382   | 1.68   | cps   |
| Cadmium    | 111-1 | 580976   | 577549   | 575091   | 577872   | 0.51   | cps   |
| Cadmium    | 106-1 | 68214    | 68206    | 67671    | 68030    | 0.46   | cps   |
| Cadmium    | 108-1 | 44896    | 44545    | 44303    | 44581    | 0.67   | cps   |
| Calcium    | 43-1  | 684052   | 682718   | 678685   | 681818   | 0.41   | cps   |
| Calcium    | 44-1  | 11022397 | 10938423 | 10856595 | 10939139 | 0.76   | cps   |
| Chromium   | 52-2  | 520580   | 526518   | 520909   | 522669   | 0.64   | cps   |
| Cobalt     | 59-2  | 858560   | 854202   | 856479   | 856414   | 0.25   | cps   |
| Copper     | 63-2  | 1185509  | 1187006  | 1183360  | 1185291  | 0.15   | cps   |
| Dysprosium | 156-1 | 50       | 75       | 83       | 69       | 24.98  | cps   |
| Dysprosium | 156-2 | 30       | 27       | 30       | 29       | 6.65   | cps   |
| Erbium     | 164-1 | 50       | 58       | 33       | 47       | 26.97  | cps   |
| Erbium     | 164-2 | 23       | 7        | 10       | 13       | 66.12  | cps   |
| Gadolinium | 160-1 | 33       | 83       | 42       | 53       | 50.76  | cps   |
| Gadolinium | 160-2 | 190      | 183      | 190      | 188      | 2.05   | cps   |
| Holmium    | 165-1 | 10282040 | 9656813  | 9943139  | 9960664  | 3.14   | cps   |
| Holmium    | 165-2 | 5115018  | 5194247  | 5194215  | 5167827  | 0.88   | cps   |
| Indium     | 115-1 | 7924246  | 7409709  | 7538725  | 7624227  | 3.51   | cps   |
| Indium     | 115-2 | 1381801  | 1400015  | 1403268  | 1395028  | 0.83   | cps   |
| Iron       | 56-2  | 23326726 | 23356577 | 23246163 | 23309822 | 0.25   | cps   |
| Iron       | 57-2  | 573529   | 577718   | 571244   | 574164   | 0.57   | cps   |
| Krypton    | 83-1  | 367      | 320      | 270      | 319      | 15.16  | cps   |
| Lead       | 206-1 | 1788470  | 1786227  | 1793824  | 1789507  | 0.22   | cps   |
| Lead       | 207-1 | 1642460  | 1646841  | 1644021  | 1644441  | 0.14   | cps   |
| Lead       | 208-1 | 7361292  | 7355562  | 7359612  | 7358822  | 0.04   | cps   |
| Lithium    | 6-1   | 3490980  | 3306130  | 3331462  | 3376191  | 2.97   | cps   |
| Magnesium  | 24-2  | 4832868  | 4835348  | 4817939  | 4828718  | 0.20   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : S5 Instrumnet Name : P7  
 Client Sample ID : S5 Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 12:05:32 DataFile Name : 008CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2    | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|---------|----------|----------|--------|-------|
| Manganese  | 55-2  | 657081   | 664350  | 659286   | 660239   | 0.56   | cps   |
| Molybdenum | 94-1  | 3990458  | 3949803 | 3942574  | 3960945  | 0.65   | cps   |
| Molybdenum | 95-1  | 4866008  | 4867475 | 4823641  | 4852375  | 0.51   | cps   |
| Molybdenum | 96-1  | 5382090  | 5364429 | 5316032  | 5354184  | 0.64   | cps   |
| Molybdenum | 97-1  | 3002681  | 3003088 | 2991874  | 2999214  | 0.21   | cps   |
| Molybdenum | 98-1  | 7706219  | 7733723 | 7681250  | 7707064  | 0.34   | cps   |
| Neodymium  | 150-1 | 353      | 233     | 227      | 271      | 26.29  | cps   |
| Neodymium  | 150-2 | 17       | 20      | 37       | 24       | 43.83  | cps   |
| Nickel     | 60-2  | 221598   | 223009  | 223647   | 222751   | 0.47   | cps   |
| Phosphorus | 31-2  | 21616    | 22334   | 21249    | 21733    | 2.54   | cps   |
| Potassium  | 39-2  | 1947563  | 1957210 | 1971653  | 1958808  | 0.62   | cps   |
| Rhodium    | 103-1 | 7024208  | 6595977 | 6657962  | 6759382  | 3.42   | cps   |
| Rhodium    | 103-2 | 2997054  | 3021960 | 3032907  | 3017307  | 0.61   | cps   |
| Scandium   | 45-1  | 5331027  | 4981996 | 5003543  | 5105522  | 3.83   | cps   |
| Scandium   | 45-2  | 191254   | 193748  | 191831   | 192277   | 0.68   | cps   |
| Selenium   | 77-2  | 1703     | 1787    | 1757     | 1749     | 2.41   | cps   |
| Selenium   | 78-2  | 5655     | 5694    | 5831     | 5726     | 1.61   | cps   |
| Selenium   | 82-1  | 43875    | 44056   | 43570    | 43834    | 0.56   | cps   |
| Silicon    | 28-1  | 2023933  | 2037069 | 2019826  | 2026942  | 0.44   | cps   |
| Silver     | 109-1 | 2554032  | 2552741 | 2532295  | 2546356  | 0.48   | cps   |
| Silver     | 107-1 | 2679527  | 2637655 | 2615225  | 2644136  | 1.23   | cps   |
| Sodium     | 23-2  | 8678847  | 8649924 | 8636527  | 8655099  | 0.25   | cps   |
| Strontium  | 86-1  | 675911   | 663086  | 663316   | 667438   | 1.10   | cps   |
| Strontium  | 88-1  | 5762468  | 5747505 | 5722539  | 5744170  | 0.35   | cps   |
| Sulfur     | 34-1  | 561878   | 553765  | 540832   | 552158   | 1.92   | cps   |
| Terbium    | 159-1 | 10536588 | 9893339 | 10113976 | 10181301 | 3.21   | cps   |
| Terbium    | 159-2 | 4999749  | 5063518 | 5072833  | 5045367  | 0.79   | cps   |
| Thallium   | 203-1 | 2179355  | 2173089 | 2189807  | 2180750  | 0.39   | cps   |
| Thallium   | 205-1 | 5254034  | 5223976 | 5232646  | 5236885  | 0.30   | cps   |
| Thorium    | 232-1 | 8188412  | 8150331 | 8218173  | 8185638  | 0.42   | cps   |
| Tin        | 118-1 | 1752810  | 1733696 | 1752375  | 1746294  | 0.62   | cps   |
| Titanium   | 47-1  | 1475905  | 1456803 | 1446377  | 1459695  | 1.03   | cps   |
| Uranium    | 238-1 | 8088899  | 8138936 | 8165107  | 8130981  | 0.48   | cps   |
| Vanadium   | 51-2  | 411014   | 414363  | 411478   | 412285   | 0.44   | cps   |
| Yttrium    | 89-1  | 8115752  | 7585406 | 7746926  | 7816028  | 3.48   | cps   |
| Yttrium    | 89-2  | 1000110  | 1025308 | 1016847  | 1014089  | 1.26   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S5                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 12:05:32 | DataFile Name :   | 008CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 198797  | 198167  | 198884  | 198616  | 0.20   | cps   |
| Zirconium | 90-1 | 3330030 | 3309051 | 3313004 | 3317361 | 0.34   | cps   |
| Zirconium | 91-1 | 744403  | 739943  | 736441  | 740262  | 0.54   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB100071            | Operator :        | Jaswal     |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S6                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-12-27 12:09:20 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 801456   | 806838   | 801700   | 803331   | 0.38   | cps   |
| Antimony   | 121-1 | 3724322  | 3695801  | 3709687  | 3709937  | 0.38   | cps   |
| Arsenic    | 75-2  | 111605   | 113087   | 112880   | 112524   | 0.71   | cps   |
| Barium     | 135-1 | 4743592  | 4699060  | 4669607  | 4704087  | 0.79   | cps   |
| Barium     | 137-1 | 8356860  | 8274684  | 8221026  | 8284190  | 0.83   | cps   |
| Beryllium  | 9-1   | 1292340  | 1287376  | 1288486  | 1289401  | 0.20   | cps   |
| Bismuth    | 209-1 | 6760400  | 6820323  | 6859040  | 6813254  | 0.73   | cps   |
| Bismuth    | 209-2 | 3861902  | 3923149  | 3915196  | 3900082  | 0.85   | cps   |
| Boron      | 10-1  | 239017   | 238153   | 245037   | 240735   | 1.56   | cps   |
| Boron      | 11-1  | 1053042  | 1067636  | 1078592  | 1066423  | 1.20   | cps   |
| Cadmium    | 111-1 | 1116770  | 1114170  | 1110558  | 1113833  | 0.28   | cps   |
| Cadmium    | 106-1 | 127218   | 128007   | 127554   | 127593   | 0.31   | cps   |
| Cadmium    | 108-1 | 86357    | 85619    | 85263    | 85746    | 0.65   | cps   |
| Calcium    | 43-1  | 1334727  | 1323921  | 1340801  | 1333149  | 0.64   | cps   |
| Calcium    | 44-1  | 21394023 | 21528657 | 21329885 | 21417522 | 0.47   | cps   |
| Chromium   | 52-2  | 1040214  | 1045353  | 1033619  | 1039729  | 0.57   | cps   |
| Cobalt     | 59-2  | 1693894  | 1701069  | 1690519  | 1695161  | 0.32   | cps   |
| Copper     | 63-2  | 2311331  | 2321677  | 2324504  | 2319171  | 0.30   | cps   |
| Dysprosium | 156-1 | 108      | 117      | 108      | 111      | 4.33   | cps   |
| Dysprosium | 156-2 | 80       | 77       | 57       | 71       | 17.74  | cps   |
| Erbium     | 164-1 | 17       | 33       | 25       | 25       | 33.32  | cps   |
| Erbium     | 164-2 | 7        | 7        | 10       | 8        | 24.71  | cps   |
| Gadolinium | 160-1 | 50       | 83       | 67       | 67       | 25.00  | cps   |
| Gadolinium | 160-2 | 160      | 110      | 110      | 127      | 22.79  | cps   |
| Holmium    | 165-1 | 9917816  | 9959306  | 9948092  | 9941738  | 0.22   | cps   |
| Holmium    | 165-2 | 5044285  | 5121452  | 5163786  | 5109841  | 1.19   | cps   |
| Indium     | 115-1 | 7475556  | 7446286  | 7520660  | 7480834  | 0.50   | cps   |
| Indium     | 115-2 | 1355253  | 1373839  | 1379219  | 1369437  | 0.92   | cps   |
| Iron       | 56-2  | 46686314 | 46751095 | 46139248 | 46525552 | 0.72   | cps   |
| Iron       | 57-2  | 1140759  | 1149709  | 1143058  | 1144509  | 0.41   | cps   |
| Krypton    | 83-1  | 303      | 337      | 380      | 340      | 11.31  | cps   |
| Lead       | 206-1 | 3457361  | 3468312  | 3403089  | 3442921  | 1.01   | cps   |
| Lead       | 207-1 | 3219207  | 3207372  | 3160442  | 3195674  | 0.97   | cps   |
| Lead       | 208-1 | 14314038 | 14342506 | 14120487 | 14259010 | 0.85   | cps   |
| Lithium    | 6-1   | 3262830  | 3274590  | 3318244  | 3285221  | 0.89   | cps   |
| Magnesium  | 24-2  | 9625527  | 9608316  | 9577936  | 9603926  | 0.25   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB100071            | Operator :        | Jaswal     |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S6                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-12-27 12:09:20 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1313306  | 1331095  | 1311566  | 1318656  | 0.82   | cps   |
| Molybdenum | 94-1  | 7728897  | 7717092  | 7714424  | 7720137  | 0.10   | cps   |
| Molybdenum | 95-1  | 9490144  | 9528735  | 9504849  | 9507910  | 0.20   | cps   |
| Molybdenum | 96-1  | 10483754 | 10468973 | 10377238 | 10443322 | 0.55   | cps   |
| Molybdenum | 97-1  | 5879092  | 5874321  | 5868130  | 5873848  | 0.09   | cps   |
| Molybdenum | 98-1  | 15176556 | 15199765 | 15191098 | 15189140 | 0.08   | cps   |
| Neodymium  | 150-1 | 513      | 507      | 480      | 500      | 3.53   | cps   |
| Neodymium  | 150-2 | 43       | 20       | 23       | 29       | 43.68  | cps   |
| Nickel     | 60-2  | 434310   | 436837   | 439736   | 436961   | 0.62   | cps   |
| Phosphorus | 31-2  | 42796    | 41918    | 41609    | 42107    | 1.46   | cps   |
| Potassium  | 39-2  | 3915772  | 3917367  | 3901696  | 3911612  | 0.22   | cps   |
| Rhodium    | 103-1 | 6479857  | 6539332  | 6576918  | 6532036  | 0.75   | cps   |
| Rhodium    | 103-2 | 2914011  | 2969796  | 2997999  | 2960602  | 1.44   | cps   |
| Scandium   | 45-1  | 4981840  | 5009648  | 5031360  | 5007616  | 0.50   | cps   |
| Scandium   | 45-2  | 190936   | 194330   | 195053   | 193440   | 1.14   | cps   |
| Selenium   | 77-2  | 3287     | 3257     | 3487     | 3344     | 3.74   | cps   |
| Selenium   | 78-2  | 11486    | 11510    | 11275    | 11424    | 1.13   | cps   |
| Selenium   | 82-1  | 84912    | 84893    | 83885    | 84563    | 0.69   | cps   |
| Silicon    | 28-1  | 3800503  | 3837368  | 3864129  | 3834000  | 0.83   | cps   |
| Silver     | 109-1 | 4917077  | 4849919  | 4918491  | 4895162  | 0.80   | cps   |
| Silver     | 107-1 | 5066363  | 5050554  | 5066465  | 5061128  | 0.18   | cps   |
| Sodium     | 23-2  | 17283924 | 17321122 | 17294033 | 17299693 | 0.11   | cps   |
| Strontium  | 86-1  | 1297587  | 1286687  | 1306853  | 1297042  | 0.78   | cps   |
| Strontium  | 88-1  | 11265589 | 11214215 | 11230992 | 11236932 | 0.23   | cps   |
| Sulfur     | 34-1  | 790117   | 790009   | 784373   | 788166   | 0.42   | cps   |
| Terbium    | 159-1 | 10041495 | 10114708 | 10190539 | 10115581 | 0.74   | cps   |
| Terbium    | 159-2 | 4881473  | 4993677  | 5021795  | 4965649  | 1.50   | cps   |
| Thallium   | 203-1 | 4282105  | 4257356  | 4230444  | 4256635  | 0.61   | cps   |
| Thallium   | 205-1 | 10158612 | 10169541 | 9949052  | 10092401 | 1.23   | cps   |
| Thorium    | 232-1 | 16295855 | 16326008 | 16182962 | 16268275 | 0.46   | cps   |
| Tin        | 118-1 | 3419706  | 3409208  | 3431328  | 3420081  | 0.32   | cps   |
| Titanium   | 47-1  | 2862898  | 2835319  | 2831472  | 2843230  | 0.60   | cps   |
| Uranium    | 238-1 | 16217685 | 16301945 | 16231702 | 16250444 | 0.28   | cps   |
| Vanadium   | 51-2  | 824946   | 829588   | 828725   | 827753   | 0.30   | cps   |
| Yttrium    | 89-1  | 7721907  | 7707124  | 7766858  | 7731963  | 0.40   | cps   |
| Yttrium    | 89-2  | 999165   | 1013689  | 1018780  | 1010545  | 1.01   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S6                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 12:09:20 | DataFile Name :   | 009CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 384140  | 388045  | 386812  | 386332  | 0.52   | cps   |
| Zirconium | 90-1 | 6506555 | 6528429 | 6493707 | 6509564 | 0.27   | cps   |
| Zirconium | 91-1 | 1456353 | 1451002 | 1444687 | 1450681 | 0.40   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : S7 Instrumnet Name : P7  
 Client Sample ID : S7 Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 12:13:05 DataFile Name : 010CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1622111  | 1654271  | 1657853  | 1644745  | 1.20   | cps   |
| Antimony   | 121-1 | 7477833  | 7543342  | 7564359  | 7528511  | 0.60   | cps   |
| Arsenic    | 75-2  | 227168   | 230115   | 230288   | 229190   | 0.76   | cps   |
| Barium     | 135-1 | 9525404  | 9550250  | 9540584  | 9538746  | 0.13   | cps   |
| Barium     | 137-1 | 16759449 | 16803547 | 16754125 | 16772374 | 0.16   | cps   |
| Beryllium  | 9-1   | 2561912  | 2570583  | 2563348  | 2565281  | 0.18   | cps   |
| Bismuth    | 209-1 | 6579965  | 6719476  | 6752421  | 6683954  | 1.37   | cps   |
| Bismuth    | 209-2 | 3777420  | 3806752  | 3837306  | 3807160  | 0.79   | cps   |
| Boron      | 10-1  | 474453   | 486523   | 492100   | 484358   | 1.86   | cps   |
| Boron      | 11-1  | 2112228  | 2176711  | 2183965  | 2157635  | 1.83   | cps   |
| Cadmium    | 111-1 | 2193274  | 2188569  | 2190187  | 2190677  | 0.11   | cps   |
| Cadmium    | 106-1 | 247951   | 247109   | 248995   | 248019   | 0.38   | cps   |
| Cadmium    | 108-1 | 169652   | 169900   | 168634   | 169396   | 0.40   | cps   |
| Calcium    | 43-1  | 2722342  | 2703593  | 2733632  | 2719856  | 0.56   | cps   |
| Calcium    | 44-1  | 43551273 | 43707855 | 43860458 | 43706529 | 0.35   | cps   |
| Chromium   | 52-2  | 2126295  | 2146740  | 2149800  | 2140945  | 0.60   | cps   |
| Cobalt     | 59-2  | 3426465  | 3446094  | 3455503  | 3442687  | 0.43   | cps   |
| Copper     | 63-2  | 4602111  | 4644384  | 4680509  | 4642335  | 0.85   | cps   |
| Dysprosium | 156-1 | 233      | 158      | 242      | 211      | 21.74  | cps   |
| Dysprosium | 156-2 | 140      | 120      | 177      | 146      | 19.75  | cps   |
| Erbium     | 164-1 | 42       | 50       | 17       | 36       | 48.03  | cps   |
| Erbium     | 164-2 | 20       | 20       | 20       | 20       | 0.00   | cps   |
| Gadolinium | 160-1 | 117      | 58       | 100      | 92       | 32.77  | cps   |
| Gadolinium | 160-2 | 150      | 160      | 167      | 159      | 5.28   | cps   |
| Holmium    | 165-1 | 9956436  | 10088143 | 10125991 | 10056857 | 0.88   | cps   |
| Holmium    | 165-2 | 5123395  | 5173865  | 5175784  | 5157681  | 0.58   | cps   |
| Indium     | 115-1 | 7370447  | 7494672  | 7425855  | 7430325  | 0.84   | cps   |
| Indium     | 115-2 | 1350443  | 1365154  | 1366538  | 1360712  | 0.66   | cps   |
| Iron       | 56-2  | 95260988 | 95424477 | 94707063 | 95130843 | 0.40   | cps   |
| Iron       | 57-2  | 2330276  | 2335967  | 2323637  | 2329960  | 0.26   | cps   |
| Krypton    | 83-1  | 323      | 377      | 343      | 348      | 7.75   | cps   |
| Lead       | 206-1 | 6847411  | 6862078  | 6853922  | 6854470  | 0.11   | cps   |
| Lead       | 207-1 | 6337130  | 6292193  | 6311204  | 6313509  | 0.36   | cps   |
| Lead       | 208-1 | 28399670 | 28308760 | 28430869 | 28379766 | 0.22   | cps   |
| Lithium    | 6-1   | 3323950  | 3342693  | 3354909  | 3340517  | 0.47   | cps   |
| Magnesium  | 24-2  | 19586874 | 19775284 | 19754765 | 19705641 | 0.52   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB100071            | Operator :        | Jaswal     |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S7                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-12-27 12:13:05 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 2683592  | 2711384  | 2692352  | 2695776  | 0.53   | cps   |
| Molybdenum | 94-1  | 15852952 | 15864719 | 15908851 | 15875507 | 0.19   | cps   |
| Molybdenum | 95-1  | 19205270 | 19323937 | 19520850 | 19350019 | 0.82   | cps   |
| Molybdenum | 96-1  | 21251103 | 21347028 | 21498736 | 21365622 | 0.58   | cps   |
| Molybdenum | 97-1  | 11973101 | 12004384 | 12036467 | 12004651 | 0.26   | cps   |
| Molybdenum | 98-1  | 30796031 | 30866681 | 31253023 | 30971911 | 0.79   | cps   |
| Neodymium  | 150-1 | 793      | 967      | 860      | 873      | 10.01  | cps   |
| Neodymium  | 150-2 | 67       | 60       | 97       | 74       | 26.24  | cps   |
| Nickel     | 60-2  | 878142   | 886990   | 888171   | 884435   | 0.62   | cps   |
| Phosphorus | 31-2  | 86324    | 86459    | 88076    | 86953    | 1.12   | cps   |
| Potassium  | 39-2  | 8011231  | 8073954  | 7993529  | 8026238  | 0.53   | cps   |
| Rhodium    | 103-1 | 6426665  | 6536510  | 6580438  | 6514538  | 1.22   | cps   |
| Rhodium    | 103-2 | 2930287  | 2964521  | 2982398  | 2959069  | 0.89   | cps   |
| Scandium   | 45-1  | 5076196  | 5142658  | 5175776  | 5131543  | 0.99   | cps   |
| Scandium   | 45-2  | 199619   | 199413   | 200098   | 199710   | 0.18   | cps   |
| Selenium   | 77-2  | 6998     | 6508     | 6682     | 6729     | 3.69   | cps   |
| Selenium   | 78-2  | 22273    | 22477    | 22627    | 22459    | 0.79   | cps   |
| Selenium   | 82-1  | 167932   | 168461   | 169253   | 168549   | 0.39   | cps   |
| Silicon    | 28-1  | 6571817  | 6634557  | 6663688  | 6623354  | 0.71   | cps   |
| Silver     | 109-1 | 9689115  | 9762304  | 9818059  | 9756492  | 0.66   | cps   |
| Silver     | 107-1 | 9994862  | 9998312  | 10028231 | 10007135 | 0.18   | cps   |
| Sodium     | 23-2  | 35404964 | 35769917 | 35813073 | 35662651 | 0.63   | cps   |
| Strontium  | 86-1  | 2659130  | 2649455  | 2660844  | 2656476  | 0.23   | cps   |
| Strontium  | 88-1  | 22929756 | 22905456 | 23100786 | 22978666 | 0.46   | cps   |
| Sulfur     | 34-1  | 1313862  | 1314769  | 1313241  | 1313958  | 0.06   | cps   |
| Terbium    | 159-1 | 10132367 | 10305987 | 10289977 | 10242777 | 0.94   | cps   |
| Terbium    | 159-2 | 4980316  | 5009058  | 5064265  | 5017880  | 0.85   | cps   |
| Thallium   | 203-1 | 8576566  | 8545029  | 8539967  | 8553854  | 0.23   | cps   |
| Thallium   | 205-1 | 20203218 | 20174568 | 20120345 | 20166044 | 0.21   | cps   |
| Thorium    | 232-1 | 32884244 | 32963558 | 33097713 | 32981838 | 0.33   | cps   |
| Tin        | 118-1 | 6955277  | 6970544  | 6955922  | 6960581  | 0.12   | cps   |
| Titanium   | 47-1  | 5801718  | 5810456  | 5835677  | 5815950  | 0.30   | cps   |
| Uranium    | 238-1 | 33022600 | 32871747 | 32899492 | 32931280 | 0.24   | cps   |
| Vanadium   | 51-2  | 1711575  | 1717997  | 1715005  | 1714859  | 0.19   | cps   |
| Yttrium    | 89-1  | 7810440  | 7948259  | 7900356  | 7886352  | 0.89   | cps   |
| Yttrium    | 89-2  | 1027032  | 1033374  | 1039693  | 1033366  | 0.61   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S7                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 12:13:05 | DataFile Name :   | 010CALS.d |

| Parameter | Mass | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|------|----------|----------|----------|----------|--------|-------|
| Zinc      | 66-2 | 751958   | 762843   | 764924   | 759908   | 0.92   | cps   |
| Zirconium | 90-1 | 13394801 | 13422723 | 13409628 | 13409051 | 0.10   | cps   |
| Zirconium | 91-1 | 2989077  | 2936020  | 2955452  | 2960183  | 0.91   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : S8 Instrumnet Name : P7  
 Client Sample ID : S8 Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 12:16:49 DataFile Name : 011CAL.S.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 9012747   | 9101881   | 9092537   | 9069055   | 0.54   | cps   |
| Antimony   | 121-1 | 8370      | 8470      | 8887      | 8575      | 3.20   | cps   |
| Arsenic    | 75-2  | 293       | 335       | 306       | 311       | 7.02   | cps   |
| Barium     | 135-1 | 1625      | 1575      | 1408      | 1536      | 7.39   | cps   |
| Barium     | 137-1 | 3009      | 2759      | 2517      | 2762      | 8.90   | cps   |
| Beryllium  | 9-1   | 339       | 333       | 306       | 326       | 5.48   | cps   |
| Bismuth    | 209-1 | 5853929   | 5898042   | 5948259   | 5900077   | 0.80   | cps   |
| Bismuth    | 209-2 | 3363142   | 3398972   | 3370666   | 3377593   | 0.56   | cps   |
| Boron      | 10-1  | 13941     | 12389     | 11913     | 12748     | 8.32   | cps   |
| Boron      | 11-1  | 59962     | 55545     | 52233     | 55913     | 6.94   | cps   |
| Cadmium    | 111-1 | 2820      | 2903      | 2621      | 2781      | 5.22   | cps   |
| Cadmium    | 106-1 | 3667      | 3901      | 3392      | 3653      | 6.97   | cps   |
| Cadmium    | 108-1 | 38        | 63        | 29        | 43        | 40.29  | cps   |
| Calcium    | 43-1  | 13634071  | 13709861  | 13880847  | 13741593  | 0.92   | cps   |
| Calcium    | 44-1  | 219306180 | 219594288 | 223323763 | 220741410 | 1.02   | cps   |
| Chromium   | 52-2  | 33789     | 34697     | 34594     | 34360     | 1.45   | cps   |
| Cobalt     | 59-2  | 43214     | 43317     | 43608     | 43380     | 0.47   | cps   |
| Copper     | 63-2  | 6742      | 6772      | 6838      | 6784      | 0.73   | cps   |
| Dysprosium | 156-1 | 75        | 92        | 117       | 94        | 22.21  | cps   |
| Dysprosium | 156-2 | 23        | 27        | 43        | 31        | 34.44  | cps   |
| Erbium     | 164-1 | 50        | 8         | 67        | 42        | 72.12  | cps   |
| Erbium     | 164-2 | 33        | 27        | 27        | 29        | 13.31  | cps   |
| Gadolinium | 160-1 | 150       | 108       | 125       | 128       | 16.41  | cps   |
| Gadolinium | 160-2 | 163       | 193       | 143       | 167       | 15.10  | cps   |
| Holmium    | 165-1 | 9957819   | 9990934   | 10043138  | 9997297   | 0.43   | cps   |
| Holmium    | 165-2 | 5024509   | 5077141   | 5072632   | 5058094   | 0.58   | cps   |
| Indium     | 115-1 | 7322201   | 7328808   | 7391051   | 7347353   | 0.52   | cps   |
| Indium     | 115-2 | 1359311   | 1382872   | 1381240   | 1374474   | 0.96   | cps   |
| Iron       | 56-2  | 481606155 | 485250489 | 487908111 | 484921585 | 0.65   | cps   |
| Iron       | 57-2  | 11777122  | 11847649  | 11973596  | 11866122  | 0.84   | cps   |
| Krypton    | 83-1  | 360       | 363       | 433       | 386       | 10.74  | cps   |
| Lead       | 206-1 | 8030      | 8069      | 7797      | 7966      | 1.85   | cps   |
| Lead       | 207-1 | 7097      | 6869      | 6863      | 6943      | 1.92   | cps   |
| Lead       | 208-1 | 31838     | 31983     | 31916     | 31912     | 0.23   | cps   |
| Lithium    | 6-1   | 3351781   | 3381096   | 3387377   | 3373418   | 0.56   | cps   |
| Magnesium  | 24-2  | 98672088  | 99750663  | 100597965 | 99673572  | 0.97   | cps   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB100071            | Operator :        | Jaswal     |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S8                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-12-27 12:16:49 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Manganese  | 55-2  | 16329     | 15689     | 15765     | 15928     | 2.20   | cps   |
| Molybdenum | 94-1  | 12523     | 11789     | 11880     | 12064     | 3.32   | cps   |
| Molybdenum | 95-1  | 17878     | 17344     | 17403     | 17542     | 1.67   | cps   |
| Molybdenum | 96-1  | 25908     | 25515     | 25574     | 25666     | 0.82   | cps   |
| Molybdenum | 97-1  | 11155     | 10479     | 10554     | 10729     | 3.45   | cps   |
| Molybdenum | 98-1  | 27219     | 26584     | 25039     | 26281     | 4.27   | cps   |
| Neodymium  | 150-1 | 167       | 127       | 120       | 138       | 18.32  | cps   |
| Neodymium  | 150-2 | 50        | 57        | 53        | 53        | 6.25   | cps   |
| Nickel     | 60-2  | 16813     | 17324     | 17180     | 17106     | 1.54   | cps   |
| Phosphorus | 31-2  | 375       | 275       | 433       | 361       | 22.18  | cps   |
| Potassium  | 39-2  | 43215480  | 43923550  | 44173075  | 43770702  | 1.13   | cps   |
| Rhodium    | 103-1 | 6070250   | 6131215   | 6120223   | 6107229   | 0.53   | cps   |
| Rhodium    | 103-2 | 2780437   | 2807719   | 2803795   | 2797317   | 0.53   | cps   |
| Scandium   | 45-1  | 5185875   | 5199089   | 5247198   | 5210720   | 0.62   | cps   |
| Scandium   | 45-2  | 211531    | 213363    | 212572    | 212489    | 0.43   | cps   |
| Selenium   | 77-2  | 3         | 3         | 3         | 3         | 0.00   | cps   |
| Selenium   | 78-2  | 41        | 50        | 56        | 49        | 15.35  | cps   |
| Selenium   | 82-1  | 149       | 150       | 91        | 130       | 25.79  | cps   |
| Silicon    | 28-1  | 589576    | 603458    | 599814    | 597616    | 1.20   | cps   |
| Silver     | 109-1 | 792       | 800       | 842       | 811       | 3.30   | cps   |
| Silver     | 107-1 | 708       | 925       | 700       | 778       | 16.40  | cps   |
| Sodium     | 23-2  | 190733013 | 191058350 | 194850871 | 192214078 | 1.19   | cps   |
| Strontium  | 86-1  | 11689     | 11922     | 12131     | 11914     | 1.86   | cps   |
| Strontium  | 88-1  | 99712     | 99310     | 100459    | 99827     | 0.58   | cps   |
| Sulfur     | 34-1  | 294482    | 301467    | 309256    | 301735    | 2.45   | cps   |
| Terbium    | 159-1 | 10074924  | 10105161  | 10197963  | 10126016  | 0.63   | cps   |
| Terbium    | 159-2 | 4894266   | 4917242   | 4950826   | 4920778   | 0.58   | cps   |
| Thallium   | 203-1 | 1425      | 1759      | 1617      | 1600      | 10.46  | cps   |
| Thallium   | 205-1 | 4009      | 3884      | 3917      | 3937      | 1.64   | cps   |
| Thorium    | 232-1 | 10844     | 9693      | 9187      | 9908      | 8.57   | cps   |
| Tin        | 118-1 | 6460      | 6594      | 6085      | 6379      | 4.13   | cps   |
| Titanium   | 47-1  | 2717      | 2900      | 3067      | 2895      | 6.05   | cps   |
| Uranium    | 238-1 | 2459      | 2259      | 2609      | 2442      | 7.19   | cps   |
| Vanadium   | 51-2  | 417       | 307       | 343       | 356       | 15.75  | cps   |
| Yttrium    | 89-1  | 7911269   | 7898781   | 7931675   | 7913908   | 0.21   | cps   |
| Yttrium    | 89-2  | 1063054   | 1068572   | 1069272   | 1066966   | 0.32   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S8                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 12:16:49 | DataFile Name :   | 011CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zinc      | 66-2 | 6188 | 6338 | 6768 | 6432    | 4.68   | cps   |
| Zirconium | 90-1 | 6110 | 6510 | 6260 | 6293    | 3.21   | cps   |
| Zirconium | 91-1 | 1267 | 1350 | 1558 | 1392    | 10.80  | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : ICV01 Instrumnet Name : P7  
 Client Sample ID : ICV01 Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 12:26:10 DataFile Name : 013ICV01.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 55111    | 52928    | 52392    | 53477    | 2.69   | cps   |
| Antimony   | 121-1 | 1632672  | 1636330  | 1621942  | 1630314  | 0.46   | cps   |
| Arsenic    | 75-2  | 56232    | 56563    | 55912    | 56236    | 0.58   | cps   |
| Barium     | 135-1 | 207828   | 207816   | 204784   | 206809   | 0.85   | cps   |
| Barium     | 137-1 | 364531   | 366953   | 365666   | 365717   | 0.33   | cps   |
| Beryllium  | 9-1   | 317710   | 314470   | 312807   | 314996   | 0.79   | cps   |
| Bismuth    | 209-1 | 7568298  | 7614050  | 7553263  | 7578537  | 0.42   | cps   |
| Bismuth    | 209-2 | 4414265  | 4412427  | 4413410  | 4413367  | 0.02   | cps   |
| Boron      | 10-1  | 4001     | 3634     | 3467     | 3701     | 7.37   | cps   |
| Boron      | 11-1  | 15800    | 16276    | 16643    | 16240    | 2.60   | cps   |
| Cadmium    | 111-1 | 255218   | 256105   | 254531   | 255284   | 0.31   | cps   |
| Cadmium    | 106-1 | 25707    | 26851    | 26409    | 26323    | 2.19   | cps   |
| Cadmium    | 108-1 | 16927    | 16898    | 16894    | 16906    | 0.11   | cps   |
| Calcium    | 43-1  | 63077    | 64165    | 64065    | 63769    | 0.94   | cps   |
| Calcium    | 44-1  | 1035914  | 1029180  | 1024460  | 1029851  | 0.56   | cps   |
| Chromium   | 52-2  | 257151   | 254463   | 255499   | 255704   | 0.53   | cps   |
| Cobalt     | 59-2  | 431087   | 431870   | 434400   | 432452   | 0.40   | cps   |
| Copper     | 63-2  | 304980   | 304583   | 305552   | 305038   | 0.16   | cps   |
| Dysprosium | 156-1 | 8        | 0        | 17       | 8        | 100.02 | cps   |
| Dysprosium | 156-2 | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Erbium     | 164-1 | 108      | 100      | 58       | 89       | 30.13  | cps   |
| Erbium     | 164-2 | 27       | 43       | 23       | 31       | 34.44  | cps   |
| Gadolinium | 160-1 | 75       | 142      | 67       | 94       | 43.53  | cps   |
| Gadolinium | 160-2 | 153      | 143      | 173      | 157      | 9.75   | cps   |
| Holmium    | 165-1 | 10727998 | 10705439 | 10786440 | 10739959 | 0.39   | cps   |
| Holmium    | 165-2 | 5606006  | 5554869  | 5588423  | 5583099  | 0.47   | cps   |
| Indium     | 115-1 | 8878590  | 8868593  | 8867794  | 8871659  | 0.07   | cps   |
| Indium     | 115-2 | 1639983  | 1633558  | 1637891  | 1637144  | 0.20   | cps   |
| Iron       | 56-2  | 2298175  | 2284088  | 2289015  | 2290426  | 0.31   | cps   |
| Iron       | 57-2  | 57385    | 57390    | 56370    | 57048    | 1.03   | cps   |
| Krypton    | 83-1  | 363      | 430      | 323      | 372      | 14.48  | cps   |
| Lead       | 206-1 | 1483219  | 1479848  | 1476638  | 1479902  | 0.22   | cps   |
| Lead       | 207-1 | 1329112  | 1326654  | 1313677  | 1323147  | 0.63   | cps   |
| Lead       | 208-1 | 6028858  | 6034109  | 5997657  | 6020208  | 0.33   | cps   |
| Lithium    | 6-1   | 4072627  | 4076258  | 4076723  | 4075203  | 0.06   | cps   |
| Magnesium  | 24-2  | 276020   | 275488   | 272885   | 274798   | 0.61   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB100071            | Operator :        | Jaswal     |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P7         |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-12-27 12:26:10 | DataFile Name :   | 013ICV01.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 158773   | 159268   | 159847   | 159296   | 0.34   | cps   |
| Molybdenum | 94-1  | 625      | 583      | 650      | 619      | 5.44   | cps   |
| Molybdenum | 95-1  | 583      | 650      | 642      | 625      | 5.81   | cps   |
| Molybdenum | 96-1  | 858      | 908      | 883      | 883      | 2.83   | cps   |
| Molybdenum | 97-1  | 267      | 433      | 533      | 411      | 32.77  | cps   |
| Molybdenum | 98-1  | 983      | 1017     | 925      | 975      | 4.76   | cps   |
| Neodymium  | 150-1 | 33       | 20       | 13       | 22       | 45.83  | cps   |
| Neodymium  | 150-2 | 0        | 7        | 7        | 4        | 86.60  | cps   |
| Nickel     | 60-2  | 114835   | 116263   | 114660   | 115253   | 0.76   | cps   |
| Phosphorus | 31-2  | 267      | 342      | 275      | 294      | 13.96  | cps   |
| Potassium  | 39-2  | 402602   | 407031   | 403812   | 404481   | 0.57   | cps   |
| Rhodium    | 103-1 | 8117717  | 8040631  | 8041990  | 8066779  | 0.55   | cps   |
| Rhodium    | 103-2 | 3615811  | 3638118  | 3628471  | 3627467  | 0.31   | cps   |
| Scandium   | 45-1  | 6171135  | 6133835  | 6133171  | 6146047  | 0.35   | cps   |
| Scandium   | 45-2  | 238526   | 239413   | 239006   | 238982   | 0.19   | cps   |
| Selenium   | 77-2  | 1760     | 1883     | 1613     | 1752     | 7.71   | cps   |
| Selenium   | 78-2  | 5701     | 5694     | 5521     | 5639     | 1.80   | cps   |
| Selenium   | 82-1  | 40459    | 40633    | 40335    | 40476    | 0.37   | cps   |
| Silicon    | 28-1  | 234213   | 233476   | 233198   | 233629   | 0.22   | cps   |
| Silver     | 109-1 | 1173893  | 1157515  | 1161914  | 1164441  | 0.73   | cps   |
| Silver     | 107-1 | 1201479  | 1193698  | 1191847  | 1195675  | 0.43   | cps   |
| Sodium     | 23-2  | 868871   | 868017   | 859682   | 865524   | 0.59   | cps   |
| Strontium  | 86-1  | 7027     | 7561     | 7502     | 7363     | 3.97   | cps   |
| Strontium  | 88-1  | 60152    | 59859    | 58805    | 59605    | 1.19   | cps   |
| Sulfur     | 34-1  | 346470   | 347757   | 344680   | 346302   | 0.45   | cps   |
| Terbium    | 159-1 | 11178512 | 11056634 | 11111119 | 11115422 | 0.55   | cps   |
| Terbium    | 159-2 | 5456949  | 5481144  | 5500911  | 5479668  | 0.40   | cps   |
| Thallium   | 203-1 | 1824334  | 1835720  | 1819686  | 1826580  | 0.45   | cps   |
| Thallium   | 205-1 | 4376956  | 4425623  | 4374206  | 4392262  | 0.66   | cps   |
| Thorium    | 232-1 | 1528     | 1472     | 1539     | 1513     | 2.36   | cps   |
| Tin        | 118-1 | 1258     | 1108     | 1100     | 1156     | 7.71   | cps   |
| Titanium   | 47-1  | 300      | 250      | 275      | 275      | 9.09   | cps   |
| Uranium    | 238-1 | 1008     | 900      | 967      | 958      | 5.70   | cps   |
| Vanadium   | 51-2  | 204439   | 206679   | 205331   | 205483   | 0.55   | cps   |
| Yttrium    | 89-1  | 9100391  | 9142250  | 9076572  | 9106404  | 0.37   | cps   |
| Yttrium    | 89-2  | 1204996  | 1208107  | 1210388  | 1207830  | 0.22   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB100071            | Operator :        | Jaswal     |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P7         |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-12-27 12:26:10 | DataFile Name :   | 013ICV01.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zinc      | 66-2 | 97194 | 96788 | 97187 | 97056   | 0.24   | cps   |
| Zirconium | 90-1 | 958   | 783   | 733   | 825     | 14.32  | cps   |
| Zirconium | 91-1 | 525   | 433   | 442   | 467     | 10.86  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | LLICV01             | Instrumnet Name : | P7        |
| Client Sample ID :      | LLICV01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 12:30:54 | DataFile Name :   | 014LLIC.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2050     | 2000     | 1892     | 1981     | 4.09   | cps   |
| Antimony   | 121-1 | 16060    | 16477    | 16577    | 16371    | 1.68   | cps   |
| Arsenic    | 75-2  | 265      | 252      | 257      | 258      | 2.52   | cps   |
| Barium     | 135-1 | 19948    | 20491    | 19464    | 19968    | 2.57   | cps   |
| Barium     | 137-1 | 34528    | 36766    | 36115    | 35803    | 3.22   | cps   |
| Beryllium  | 9-1   | 3239     | 3123     | 3212     | 3191     | 1.91   | cps   |
| Bismuth    | 209-1 | 7632959  | 7459406  | 7431312  | 7507893  | 1.45   | cps   |
| Bismuth    | 209-2 | 4349293  | 4380375  | 4383538  | 4371068  | 0.43   | cps   |
| Boron      | 10-1  | 15967    | 16109    | 15876    | 15984    | 0.74   | cps   |
| Boron      | 11-1  | 69686    | 70566    | 69376    | 69876    | 0.88   | cps   |
| Cadmium    | 111-1 | 5294     | 4762     | 5179     | 5078     | 5.52   | cps   |
| Cadmium    | 106-1 | 4384     | 3892     | 4176     | 4151     | 5.95   | cps   |
| Cadmium    | 108-1 | 179      | 192      | 200      | 190      | 5.51   | cps   |
| Calcium    | 43-1  | 14583    | 14958    | 15684    | 15075    | 3.71   | cps   |
| Calcium    | 44-1  | 240742   | 242195   | 240636   | 241191   | 0.36   | cps   |
| Chromium   | 52-2  | 5551     | 5698     | 5538     | 5596     | 1.59   | cps   |
| Cobalt     | 59-2  | 4257     | 4014     | 4227     | 4166     | 3.19   | cps   |
| Copper     | 63-2  | 5978     | 5835     | 5711     | 5841     | 2.29   | cps   |
| Dysprosium | 156-1 | 0        | 8        | 8        | 6        | 86.60  | cps   |
| Dysprosium | 156-2 | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Erbium     | 164-1 | 25       | 33       | 8        | 22       | 57.30  | cps   |
| Erbium     | 164-2 | 10       | 13       | 10       | 11       | 17.30  | cps   |
| Gadolinium | 160-1 | 83       | 25       | 50       | 53       | 55.46  | cps   |
| Gadolinium | 160-2 | 127      | 163      | 173      | 154      | 15.91  | cps   |
| Holmium    | 165-1 | 10731901 | 10672928 | 10627654 | 10677494 | 0.49   | cps   |
| Holmium    | 165-2 | 5510463  | 5537009  | 5503556  | 5517010  | 0.32   | cps   |
| Indium     | 115-1 | 8829567  | 8791791  | 8749199  | 8790186  | 0.46   | cps   |
| Indium     | 115-2 | 1625923  | 1629557  | 1628976  | 1628152  | 0.12   | cps   |
| Iron       | 56-2  | 118087   | 119185   | 120585   | 119286   | 1.05   | cps   |
| Iron       | 57-2  | 3117     | 2889     | 2950     | 2986     | 3.95   | cps   |
| Krypton    | 83-1  | 373      | 390      | 320      | 361      | 10.13  | cps   |
| Lead       | 206-1 | 7786     | 7875     | 7714     | 7791     | 1.04   | cps   |
| Lead       | 207-1 | 7074     | 6824     | 6735     | 6878     | 2.56   | cps   |
| Lead       | 208-1 | 31699    | 31605    | 30815    | 31373    | 1.55   | cps   |
| Lithium    | 6-1   | 4032212  | 4051002  | 4018330  | 4033848  | 0.41   | cps   |
| Magnesium  | 24-2  | 111295   | 109934   | 109867   | 110365   | 0.73   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | LLICV01             | Instrumnet Name : | P7        |
| Client Sample ID :      | LLICV01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 12:30:54 | DataFile Name :   | 014LLIC.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1577     | 1697     | 1607     | 1627     | 3.84   | cps   |
| Molybdenum | 94-1  | 17386    | 17562    | 17461    | 17470    | 0.50   | cps   |
| Molybdenum | 95-1  | 20674    | 21834    | 21200    | 21236    | 2.74   | cps   |
| Molybdenum | 96-1  | 24221    | 24188    | 23562    | 23990    | 1.55   | cps   |
| Molybdenum | 97-1  | 13332    | 13298    | 13265    | 13298    | 0.25   | cps   |
| Molybdenum | 98-1  | 34652    | 34585    | 33465    | 34234    | 1.95   | cps   |
| Neodymium  | 150-1 | 0        | 7        | 7        | 4        | 86.60  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 1117     | 1137     | 1123     | 1126     | 0.90   | cps   |
| Phosphorus | 31-2  | 550      | 642      | 483      | 558      | 14.24  | cps   |
| Potassium  | 39-2  | 106657   | 108814   | 104659   | 106710   | 1.95   | cps   |
| Rhodium    | 103-1 | 8051604  | 8024550  | 8017258  | 8031137  | 0.23   | cps   |
| Rhodium    | 103-2 | 3584373  | 3624028  | 3642004  | 3616802  | 0.82   | cps   |
| Scandium   | 45-1  | 6112896  | 6168465  | 6082778  | 6121379  | 0.71   | cps   |
| Scandium   | 45-2  | 237987   | 237293   | 236572   | 237284   | 0.30   | cps   |
| Selenium   | 77-2  | 30       | 47       | 50       | 42       | 25.38  | cps   |
| Selenium   | 78-2  | 156      | 187      | 148      | 164      | 12.62  | cps   |
| Selenium   | 82-1  | 1087     | 1020     | 1012     | 1040     | 3.97   | cps   |
| Silicon    | 28-1  | 286174   | 286050   | 285859   | 286028   | 0.06   | cps   |
| Silver     | 109-1 | 11205    | 11622    | 11480    | 11436    | 1.85   | cps   |
| Silver     | 107-1 | 11672    | 11447    | 11580    | 11566    | 0.98   | cps   |
| Sodium     | 23-2  | 215078   | 217030   | 216540   | 216216   | 0.47   | cps   |
| Strontium  | 86-1  | 3267     | 3150     | 3567     | 3328     | 6.46   | cps   |
| Strontium  | 88-1  | 24630    | 24213    | 24129    | 24324    | 1.10   | cps   |
| Sulfur     | 34-1  | 343205   | 344081   | 346308   | 344531   | 0.46   | cps   |
| Terbium    | 159-1 | 11116414 | 11040374 | 10933561 | 11030116 | 0.83   | cps   |
| Terbium    | 159-2 | 5400349  | 5411734  | 5426107  | 5412730  | 0.24   | cps   |
| Thallium   | 203-1 | 9179     | 9037     | 9053     | 9090     | 0.85   | cps   |
| Thallium   | 205-1 | 21919    | 20992    | 21635    | 21516    | 2.21   | cps   |
| Thorium    | 232-1 | 31037    | 30291    | 30636    | 30655    | 1.22   | cps   |
| Tin        | 118-1 | 37585    | 37116    | 37868    | 37523    | 1.01   | cps   |
| Titanium   | 47-1  | 6510     | 6668     | 6677     | 6618     | 1.42   | cps   |
| Uranium    | 238-1 | 29585    | 29017    | 30245    | 29615    | 2.08   | cps   |
| Vanadium   | 51-2  | 9947     | 10060    | 10314    | 10107    | 1.86   | cps   |
| Yttrium    | 89-1  | 9031240  | 9090050  | 9080176  | 9067155  | 0.35   | cps   |
| Yttrium    | 89-2  | 1199156  | 1206494  | 1205791  | 1203814  | 0.34   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | LLICV01             | Instrumnet Name : | P7        |
| Client Sample ID :      | LLICV01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 12:30:54 | DataFile Name :   | 014LLIC.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zinc      | 66-2 | 1037  | 1107  | 1137  | 1093    | 4.69   | cps   |
| Zirconium | 90-1 | 14675 | 15059 | 15125 | 14953   | 1.63   | cps   |
| Zirconium | 91-1 | 3459  | 3250  | 3476  | 3395    | 3.69   | cps   |



LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : ICB01 Instrumnet Name : P7  
 Client Sample ID : ICB01 Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 12:35:00 DataFile Name : 015CCBE.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 17       | 33       | 42       | 31       | 41.66  | cps   |
| Antimony   | 121-1 | 317      | 358      | 233      | 303      | 21.02  | cps   |
| Arsenic    | 75-2  | 9        | 4        | 11       | 8        | 48.07  | cps   |
| Barium     | 135-1 | 83       | 17       | 33       | 44       | 78.07  | cps   |
| Barium     | 137-1 | 67       | 42       | 50       | 53       | 24.12  | cps   |
| Beryllium  | 9-1   | 122      | 94       | 78       | 98       | 22.88  | cps   |
| Bismuth    | 209-1 | 7400896  | 7512660  | 7459860  | 7457805  | 0.75   | cps   |
| Bismuth    | 209-2 | 4306573  | 4282994  | 4421527  | 4337032  | 1.71   | cps   |
| Boron      | 10-1  | 2242     | 2384     | 2434     | 2353     | 4.23   | cps   |
| Boron      | 11-1  | 9887     | 10379    | 10312    | 10193    | 2.62   | cps   |
| Cadmium    | 111-1 | 2785     | 2899     | 2823     | 2835     | 2.05   | cps   |
| Cadmium    | 106-1 | 3959     | 4126     | 4009     | 4031     | 2.12   | cps   |
| Cadmium    | 108-1 | 17       | 8        | 13       | 13       | 33.36  | cps   |
| Calcium    | 43-1  | 83       | 83       | 108      | 92       | 15.74  | cps   |
| Calcium    | 44-1  | 3717     | 3684     | 3942     | 3781     | 3.72   | cps   |
| Chromium   | 52-2  | 683      | 743      | 803      | 743      | 8.07   | cps   |
| Cobalt     | 59-2  | 63       | 40       | 47       | 50       | 24.03  | cps   |
| Copper     | 63-2  | 203      | 187      | 187      | 192      | 5.01   | cps   |
| Dysprosium | 156-1 | 8        | 0        | 8        | 6        | 86.60  | cps   |
| Dysprosium | 156-2 | 3        | 0        | 3        | 2        | 86.60  | cps   |
| Erbium     | 164-1 | 17       | 75       | 17       | 36       | 93.25  | cps   |
| Erbium     | 164-2 | 17       | 17       | 47       | 27       | 64.94  | cps   |
| Gadolinium | 160-1 | 58       | 25       | 75       | 53       | 48.24  | cps   |
| Gadolinium | 160-2 | 160      | 160      | 163      | 161      | 1.20   | cps   |
| Holmium    | 165-1 | 10641370 | 10766354 | 10624253 | 10677326 | 0.73   | cps   |
| Holmium    | 165-2 | 5478967  | 5370336  | 5575901  | 5475068  | 1.88   | cps   |
| Indium     | 115-1 | 8759713  | 8846216  | 8677316  | 8761081  | 0.96   | cps   |
| Indium     | 115-2 | 1620334  | 1598961  | 1657865  | 1625720  | 1.83   | cps   |
| Iron       | 56-2  | 3623     | 3890     | 3895     | 3802     | 4.09   | cps   |
| Iron       | 57-2  | 111      | 144      | 189      | 148      | 26.34  | cps   |
| Krypton    | 83-1  | 443      | 480      | 353      | 426      | 15.32  | cps   |
| Lead       | 206-1 | 756      | 789      | 789      | 778      | 2.47   | cps   |
| Lead       | 207-1 | 567      | 700      | 633      | 633      | 10.53  | cps   |
| Lead       | 208-1 | 2950     | 3134     | 3150     | 3078     | 3.61   | cps   |
| Lithium    | 6-1   | 3987985  | 4007962  | 3947177  | 3981041  | 0.78   | cps   |
| Magnesium  | 24-2  | 242      | 283      | 225      | 250      | 12.02  | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : ICB01 Instrumnet Name : P7  
 Client Sample ID : ICB01 Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 12:35:00 DataFile Name : 015CCBE.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Manganese  | 55-2  | 40       | 47       | 50       | 46       | 11.18   | cps   |
| Molybdenum | 94-1  | 342      | 300      | 242      | 294      | 17.06   | cps   |
| Molybdenum | 95-1  | 117      | 208      | 117      | 147      | 35.95   | cps   |
| Molybdenum | 96-1  | 242      | 225      | 192      | 219      | 11.60   | cps   |
| Molybdenum | 97-1  | 92       | 108      | 83       | 94       | 13.48   | cps   |
| Molybdenum | 98-1  | 225      | 267      | 183      | 225      | 18.52   | cps   |
| Neodymium  | 150-1 | 7        | 7        | 0        | 4        | 86.60   | cps   |
| Neodymium  | 150-2 | 0        | 3        | 0        | 1        | 173.21  | cps   |
| Nickel     | 60-2  | 77       | 23       | 43       | 48       | 56.40   | cps   |
| Phosphorus | 31-2  | 317      | 308      | 242      | 289      | 14.23   | cps   |
| Potassium  | 39-2  | 14783    | 15308    | 15609    | 15233    | 2.74    | cps   |
| Rhodium    | 103-1 | 8008088  | 8079152  | 7988720  | 8025320  | 0.59    | cps   |
| Rhodium    | 103-2 | 3597739  | 3506970  | 3660525  | 3588411  | 2.15    | cps   |
| Scandium   | 45-1  | 6099762  | 6136471  | 6044531  | 6093588  | 0.76    | cps   |
| Scandium   | 45-2  | 236978   | 231052   | 238983   | 235671   | 1.75    | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Selenium   | 78-2  | 46       | 52       | 30       | 43       | 27.15   | cps   |
| Selenium   | 82-1  | -25      | -49      | 23       | -17      | -217.62 | cps   |
| Silicon    | 28-1  | 214474   | 213087   | 216092   | 214551   | 0.70    | cps   |
| Silver     | 109-1 | 158      | 100      | 167      | 142      | 25.64   | cps   |
| Silver     | 107-1 | 133      | 158      | 167      | 153      | 11.35   | cps   |
| Sodium     | 23-2  | 16051    | 15425    | 15717    | 15731    | 1.99    | cps   |
| Strontium  | 86-1  | 692      | 658      | 583      | 644      | 8.61    | cps   |
| Strontium  | 88-1  | 150      | 133      | 125      | 136      | 9.35    | cps   |
| Sulfur     | 34-1  | 353565   | 357378   | 355578   | 355507   | 0.54    | cps   |
| Terbium    | 159-1 | 10872548 | 11049223 | 10918873 | 10946881 | 0.84    | cps   |
| Terbium    | 159-2 | 5390019  | 5279356  | 5467449  | 5378941  | 1.76    | cps   |
| Thallium   | 203-1 | 542      | 467      | 358      | 456      | 20.23   | cps   |
| Thallium   | 205-1 | 1017     | 1033     | 1142     | 1064     | 6.38    | cps   |
| Thorium    | 232-1 | 700      | 989      | 867      | 852      | 17.02   | cps   |
| Tin        | 118-1 | 608      | 575      | 600      | 594      | 2.92    | cps   |
| Titanium   | 47-1  | 67       | 67       | 58       | 64       | 7.53    | cps   |
| Uranium    | 238-1 | 108      | 42       | 33       | 61       | 67.26   | cps   |
| Vanadium   | 51-2  | 0        | 7        | 0        | 2        | 173.21  | cps   |
| Yttrium    | 89-1  | 9066845  | 9154446  | 9015697  | 9078996  | 0.77    | cps   |
| Yttrium    | 89-2  | 1197890  | 1177960  | 1217285  | 1197712  | 1.64    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 12:35:00 | DataFile Name :   | 015CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zinc      | 66-2 | 213  | 173  | 150  | 179     | 17.91  | cps   |
| Zirconium | 90-1 | 608  | 625  | 600  | 611     | 2.08   | cps   |
| Zirconium | 91-1 | 125  | 117  | 208  | 150     | 33.79  | cps   |

|                         |                     |                   |             |
|-------------------------|---------------------|-------------------|-------------|
| LB Number :             | LB100071            | Operator :        | Jaswal      |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P7          |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1           |
| Date & Time Acquired :: | 2018-12-27 12:38:34 | DataFile Name :   | 016ICSA01.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 8114985   | 8098596   | 8168492   | 8127357   | 0.45   | cps   |
| Antimony   | 121-1 | 8361      | 8695      | 8503      | 8520      | 1.96   | cps   |
| Arsenic    | 75-2  | 83        | 91        | 76        | 83        | 8.89   | cps   |
| Barium     | 135-1 | 3217      | 2975      | 3092      | 3095      | 3.91   | cps   |
| Barium     | 137-1 | 5143      | 4918      | 5301      | 5121      | 3.76   | cps   |
| Beryllium  | 9-1   | 878       | 894       | 861       | 878       | 1.90   | cps   |
| Bismuth    | 209-1 | 6846116   | 6918685   | 6924052   | 6896284   | 0.63   | cps   |
| Bismuth    | 209-2 | 3888306   | 3999868   | 3937343   | 3941839   | 1.42   | cps   |
| Boron      | 10-1  | 1942      | 1909      | 2009      | 1953      | 2.61   | cps   |
| Boron      | 11-1  | 9453      | 8628      | 8903      | 8995      | 4.67   | cps   |
| Cadmium    | 111-1 | 3670      | 3536      | 3720      | 3642      | 2.61   | cps   |
| Cadmium    | 106-1 | 3542      | 3684      | 3609      | 3612      | 1.96   | cps   |
| Cadmium    | 108-1 | 2579      | 2692      | 2563      | 2611      | 2.69   | cps   |
| Calcium    | 43-1  | 2896051   | 2888027   | 2908291   | 2897456   | 0.35   | cps   |
| Calcium    | 44-1  | 46591438  | 46485296  | 46598829  | 46558521  | 0.14   | cps   |
| Chromium   | 52-2  | 45838     | 45941     | 46269     | 46016     | 0.49   | cps   |
| Cobalt     | 59-2  | 4484      | 4788      | 4637      | 4636      | 3.27   | cps   |
| Copper     | 63-2  | 18926     | 19583     | 19610     | 19373     | 2.00   | cps   |
| Dysprosium | 156-1 | 33        | 75        | 33        | 47        | 50.94  | cps   |
| Dysprosium | 156-2 | 20        | 20        | 13        | 18        | 21.66  | cps   |
| Erbium     | 164-1 | 58        | 33        | 50        | 47        | 26.97  | cps   |
| Erbium     | 164-2 | 33        | 43        | 33        | 37        | 15.75  | cps   |
| Gadolinium | 160-1 | 67        | 25        | 133       | 75        | 72.86  | cps   |
| Gadolinium | 160-2 | 173       | 187       | 200       | 187       | 7.14   | cps   |
| Holmium    | 165-1 | 10605278  | 10657141  | 10635965  | 10632795  | 0.25   | cps   |
| Holmium    | 165-2 | 5383922   | 5493897   | 5378868   | 5418896   | 1.20   | cps   |
| Indium     | 115-1 | 8021198   | 8106979   | 8174249   | 8100809   | 0.95   | cps   |
| Indium     | 115-2 | 1483174   | 1503270   | 1477654   | 1488033   | 0.91   | cps   |
| Iron       | 56-2  | 201195977 | 201298205 | 202956121 | 201816767 | 0.49   | cps   |
| Iron       | 57-2  | 4925517   | 4962820   | 4939841   | 4942726   | 0.38   | cps   |
| Krypton    | 83-1  | 367       | 320       | 400       | 362       | 11.09  | cps   |
| Lead       | 206-1 | 35197     | 34306     | 35008     | 34837     | 1.35   | cps   |
| Lead       | 207-1 | 28509     | 28025     | 28615     | 28383     | 1.11   | cps   |
| Lead       | 208-1 | 133176    | 133460    | 133651    | 133429    | 0.18   | cps   |
| Lithium    | 6-1   | 3664519   | 3669083   | 3644534   | 3659379   | 0.36   | cps   |
| Magnesium  | 24-2  | 19863703  | 19715585  | 19940254  | 19839847  | 0.58   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : ICSA01 Instrumnet Name : P7  
 Client Sample ID : ICSA01 Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 12:38:34 DataFile Name : 016ICSA01.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 11385    | 11571    | 11638    | 11531    | 1.14   | cps   |
| Molybdenum | 94-1  | 4522926  | 4519023  | 4529764  | 4523904  | 0.12   | cps   |
| Molybdenum | 95-1  | 7965163  | 8029436  | 7987518  | 7994039  | 0.41   | cps   |
| Molybdenum | 96-1  | 8475279  | 8488915  | 8493159  | 8485784  | 0.11   | cps   |
| Molybdenum | 97-1  | 4935748  | 4928319  | 4910544  | 4924870  | 0.26   | cps   |
| Molybdenum | 98-1  | 12822978 | 12784778 | 12794670 | 12800809 | 0.15   | cps   |
| Neodymium  | 150-1 | 40       | 47       | 40       | 42       | 9.12   | cps   |
| Neodymium  | 150-2 | 13       | 23       | 13       | 17       | 34.65  | cps   |
| Nickel     | 60-2  | 5081     | 5218     | 5498     | 5265     | 4.04   | cps   |
| Phosphorus | 31-2  | 457802   | 463086   | 459112   | 460000   | 0.60   | cps   |
| Potassium  | 39-2  | 17425577 | 17305097 | 17357404 | 17362693 | 0.35   | cps   |
| Rhodium    | 103-1 | 7020866  | 7078159  | 7068123  | 7055716  | 0.43   | cps   |
| Rhodium    | 103-2 | 3140177  | 3190648  | 3159131  | 3163319  | 0.81   | cps   |
| Scandium   | 45-1  | 5683426  | 5673096  | 5699485  | 5685336  | 0.23   | cps   |
| Scandium   | 45-2  | 217363   | 220699   | 217214   | 218425   | 0.90   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 30       | 44       | 35       | 36       | 20.54  | cps   |
| Selenium   | 82-1  | -7       | 69       | -15      | 16       | 297.94 | cps   |
| Silicon    | 28-1  | 345450   | 349541   | 347508   | 347500   | 0.59   | cps   |
| Silver     | 109-1 | 967      | 1092     | 942      | 1000     | 8.04   | cps   |
| Silver     | 107-1 | 775      | 1050     | 1175     | 1000     | 20.46  | cps   |
| Sodium     | 23-2  | 37738536 | 37431380 | 37863493 | 37677803 | 0.59   | cps   |
| Strontium  | 86-1  | 94485    | 94585    | 95785    | 94951    | 0.76   | cps   |
| Strontium  | 88-1  | 830101   | 822004   | 826624   | 826243   | 0.49   | cps   |
| Sulfur     | 34-1  | 4936929  | 4938778  | 4938397  | 4938034  | 0.02   | cps   |
| Terbium    | 159-1 | 10824099 | 10912178 | 10879894 | 10872057 | 0.41   | cps   |
| Terbium    | 159-2 | 5253390  | 5383185  | 5298420  | 5311665  | 1.24   | cps   |
| Thallium   | 203-1 | 783      | 892      | 883      | 853      | 7.07   | cps   |
| Thallium   | 205-1 | 2425     | 2209     | 2467     | 2367     | 5.86   | cps   |
| Thorium    | 232-1 | 933      | 861      | 867      | 887      | 4.53   | cps   |
| Tin        | 118-1 | 1659     | 1850     | 1950     | 1820     | 8.15   | cps   |
| Titanium   | 47-1  | 2550597  | 2541140  | 2524732  | 2538823  | 0.52   | cps   |
| Uranium    | 238-1 | 658      | 717      | 642      | 672      | 5.86   | cps   |
| Vanadium   | 51-2  | 323      | 350      | 370      | 348      | 6.73   | cps   |
| Yttrium    | 89-1  | 8512484  | 8583538  | 8548815  | 8548279  | 0.42   | cps   |
| Yttrium    | 89-2  | 1120803  | 1135605  | 1119000  | 1125136  | 0.81   | cps   |

|                         |                     |                   |             |
|-------------------------|---------------------|-------------------|-------------|
| LB Number :             | LB100071            | Operator :        | Jaswal      |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P7          |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1           |
| Date & Time Acquired :: | 2018-12-27 12:38:34 | DataFile Name :   | 016ICSA01.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zinc      | 66-2 | 5131 | 5371 | 4858 | 5120    | 5.02   | cps   |
| Zirconium | 90-1 | 933  | 875  | 1025 | 945     | 8.01   | cps   |
| Zirconium | 91-1 | 217  | 200  | 242  | 219     | 9.56   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : ICSAB01 Instrumnet Name : P7  
 Client Sample ID : ICSAB01 Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 12:42:10 DataFile Name : 017ICSB.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 8165925   | 8117166   | 8113903   | 8132331   | 0.36   | cps   |
| Antimony   | 121-1 | 159886    | 160145    | 164420    | 161484    | 1.58   | cps   |
| Arsenic    | 75-2  | 4921      | 5006      | 4958      | 4962      | 0.86   | cps   |
| Barium     | 135-1 | 42918     | 43461     | 43336     | 43238     | 0.66   | cps   |
| Barium     | 137-1 | 75497     | 76428     | 77081     | 76335     | 1.04   | cps   |
| Beryllium  | 9-1   | 55552     | 55407     | 56338     | 55766     | 0.90   | cps   |
| Bismuth    | 209-1 | 6885095   | 6950317   | 6960016   | 6931809   | 0.59   | cps   |
| Bismuth    | 209-2 | 3920068   | 3976098   | 3963798   | 3953321   | 0.74   | cps   |
| Boron      | 10-1  | 35075     | 36394     | 37105     | 36191     | 2.85   | cps   |
| Boron      | 11-1  | 157413    | 162381    | 162558    | 160784    | 1.82   | cps   |
| Cadmium    | 111-1 | 47977     | 48232     | 48961     | 48390     | 1.06   | cps   |
| Cadmium    | 106-1 | 8344      | 7719      | 7861      | 7975      | 4.11   | cps   |
| Cadmium    | 108-1 | 5801      | 5605      | 5505      | 5637      | 2.67   | cps   |
| Calcium    | 43-1  | 2849362   | 2914455   | 2890486   | 2884767   | 1.14   | cps   |
| Calcium    | 44-1  | 46141416  | 46611640  | 46871798  | 46541618  | 0.80   | cps   |
| Chromium   | 52-2  | 90961     | 91743     | 92649     | 91784     | 0.92   | cps   |
| Cobalt     | 59-2  | 79454     | 79789     | 79581     | 79608     | 0.21   | cps   |
| Copper     | 63-2  | 69886     | 69903     | 70532     | 70107     | 0.53   | cps   |
| Dysprosium | 156-1 | 67        | 42        | 58        | 56        | 22.91  | cps   |
| Dysprosium | 156-2 | 23        | 7         | 13        | 14        | 58.06  | cps   |
| Erbium     | 164-1 | 67        | 83        | 58        | 69        | 18.33  | cps   |
| Erbium     | 164-2 | 17        | 30        | 50        | 32        | 52.06  | cps   |
| Gadolinium | 160-1 | 83        | 75        | 83        | 81        | 5.98   | cps   |
| Gadolinium | 160-2 | 177       | 197       | 133       | 169       | 19.17  | cps   |
| Holmium    | 165-1 | 10653572  | 10720142  | 10680582  | 10684765  | 0.31   | cps   |
| Holmium    | 165-2 | 5419044   | 5450371   | 5459690   | 5443035   | 0.39   | cps   |
| Indium     | 115-1 | 8148713   | 8171721   | 8245101   | 8188512   | 0.61   | cps   |
| Indium     | 115-2 | 1497228   | 1491664   | 1495263   | 1494718   | 0.19   | cps   |
| Iron       | 56-2  | 201481921 | 202773032 | 201974099 | 202076351 | 0.32   | cps   |
| Iron       | 57-2  | 4930857   | 4955986   | 4958558   | 4948467   | 0.31   | cps   |
| Krypton    | 83-1  | 347       | 340       | 353       | 347       | 1.92   | cps   |
| Lead       | 206-1 | 175560    | 177401    | 176399    | 176454    | 0.52   | cps   |
| Lead       | 207-1 | 151491    | 151300    | 149655    | 150815    | 0.67   | cps   |
| Lead       | 208-1 | 693582    | 698415    | 691898    | 694631    | 0.49   | cps   |
| Lithium    | 6-1   | 3582255   | 3624033   | 3649876   | 3618721   | 0.94   | cps   |
| Magnesium  | 24-2  | 19806197  | 19897438  | 19720239  | 19807958  | 0.45   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 12:42:10 | DataFile Name :   | 017ICSB.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 39907    | 39700    | 40860    | 40156    | 1.54   | cps   |
| Molybdenum | 94-1  | 4663690  | 4691900  | 4731039  | 4695543  | 0.72   | cps   |
| Molybdenum | 95-1  | 8213284  | 8211973  | 8315387  | 8246881  | 0.72   | cps   |
| Molybdenum | 96-1  | 8682961  | 8735304  | 8866518  | 8761594  | 1.08   | cps   |
| Molybdenum | 97-1  | 5054499  | 5070924  | 5129195  | 5084873  | 0.77   | cps   |
| Molybdenum | 98-1  | 13074063 | 13272513 | 13345160 | 13230579 | 1.06   | cps   |
| Neodymium  | 150-1 | 60       | 40       | 27       | 42       | 39.73  | cps   |
| Neodymium  | 150-2 | 17       | 20       | 20       | 19       | 10.18  | cps   |
| Nickel     | 60-2  | 24638    | 24544    | 24511    | 24564    | 0.27   | cps   |
| Phosphorus | 31-2  | 454678   | 459280   | 458236   | 457398   | 0.53   | cps   |
| Potassium  | 39-2  | 17412990 | 17386819 | 17377848 | 17392552 | 0.10   | cps   |
| Rhodium    | 103-1 | 7079941  | 7133139  | 7135148  | 7116076  | 0.44   | cps   |
| Rhodium    | 103-2 | 3170640  | 3168895  | 3197031  | 3178855  | 0.50   | cps   |
| Scandium   | 45-1  | 5663843  | 5721440  | 5765631  | 5716971  | 0.89   | cps   |
| Scandium   | 45-2  | 218260   | 220316   | 218327   | 218968   | 0.53   | cps   |
| Selenium   | 77-2  | 140      | 163      | 180      | 161      | 12.47  | cps   |
| Selenium   | 78-2  | 465      | 509      | 546      | 507      | 8.05   | cps   |
| Selenium   | 82-1  | 3500     | 3615     | 3558     | 3558     | 1.62   | cps   |
| Silicon    | 28-1  | 772732   | 782327   | 778861   | 777973   | 0.62   | cps   |
| Silver     | 109-1 | 197615   | 197384   | 195879   | 196959   | 0.48   | cps   |
| Silver     | 107-1 | 203482   | 203458   | 204107   | 203682   | 0.18   | cps   |
| Sodium     | 23-2  | 37669450 | 38012052 | 37437285 | 37706262 | 0.77   | cps   |
| Strontium  | 86-1  | 94351    | 96917    | 95609    | 95626    | 1.34   | cps   |
| Strontium  | 88-1  | 824086   | 828052   | 832610   | 828250   | 0.51   | cps   |
| Sulfur     | 34-1  | 4852305  | 4937411  | 4913427  | 4901048  | 0.90   | cps   |
| Terbium    | 159-1 | 10851634 | 10972648 | 11030862 | 10951715 | 0.83   | cps   |
| Terbium    | 159-2 | 5317032  | 5307450  | 5340270  | 5321584  | 0.32   | cps   |
| Thallium   | 203-1 | 175876   | 176191   | 176396   | 176154   | 0.15   | cps   |
| Thallium   | 205-1 | 419618   | 420810   | 420098   | 420175   | 0.14   | cps   |
| Thorium    | 232-1 | 756      | 689      | 661      | 702      | 6.92   | cps   |
| Tin        | 118-1 | 455552   | 461208   | 461689   | 459483   | 0.74   | cps   |
| Titanium   | 47-1  | 2597591  | 2625866  | 2631769  | 2618409  | 0.70   | cps   |
| Uranium    | 238-1 | 692      | 550      | 558      | 600      | 13.25  | cps   |
| Vanadium   | 51-2  | 36866    | 37331    | 36749    | 36982    | 0.83   | cps   |
| Yttrium    | 89-1  | 8562056  | 8676586  | 8664119  | 8634254  | 0.73   | cps   |
| Yttrium    | 89-2  | 1124893  | 1130992  | 1132660  | 1129515  | 0.36   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 12:42:10 | DataFile Name :   | 017ICSB.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zinc      | 66-2 | 13116 | 13346 | 13039 | 13167   | 1.21   | cps   |
| Zirconium | 90-1 | 883   | 1200  | 1100  | 1061    | 15.26  | cps   |
| Zirconium | 91-1 | 275   | 300   | 242   | 272     | 10.75  | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100071            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV24               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV24               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-12-27 12:45:45 | DataFile Name :   | 018CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 4932118   | 4890097   | 4905681   | 4909299   | 0.43   | cps   |
| Antimony   | 121-1 | 3953682   | 3937403   | 3912215   | 3934433   | 0.53   | cps   |
| Arsenic    | 75-2  | 121549    | 120678    | 120516    | 120914    | 0.46   | cps   |
| Barium     | 135-1 | 5233653   | 5196089   | 5181601   | 5203781   | 0.52   | cps   |
| Barium     | 137-1 | 9173809   | 9200810   | 9119744   | 9164788   | 0.45   | cps   |
| Beryllium  | 9-1   | 1423407   | 1427878   | 1418292   | 1423192   | 0.34   | cps   |
| Bismuth    | 209-1 | 6580318   | 6576846   | 6566419   | 6574528   | 0.11   | cps   |
| Bismuth    | 209-2 | 3721436   | 3717666   | 3741107   | 3726736   | 0.34   | cps   |
| Boron      | 10-1  | 259244    | 262939    | 264938    | 262373    | 1.10   | cps   |
| Boron      | 11-1  | 1150473   | 1167706   | 1179964   | 1166048   | 1.27   | cps   |
| Cadmium    | 111-1 | 1139376   | 1143297   | 1129717   | 1137463   | 0.61   | cps   |
| Cadmium    | 106-1 | 134123    | 132935    | 134954    | 134004    | 0.76   | cps   |
| Cadmium    | 108-1 | 88650     | 89615     | 88847     | 89037     | 0.57   | cps   |
| Calcium    | 43-1  | 7519755   | 7496076   | 7504993   | 7506942   | 0.16   | cps   |
| Calcium    | 44-1  | 120098311 | 120114140 | 120165032 | 120125828 | 0.03   | cps   |
| Chromium   | 52-2  | 1203050   | 1200481   | 1196908   | 1200147   | 0.26   | cps   |
| Cobalt     | 59-2  | 1900447   | 1883388   | 1884394   | 1889410   | 0.51   | cps   |
| Copper     | 63-2  | 2659374   | 2655353   | 2659103   | 2657943   | 0.08   | cps   |
| Dysprosium | 156-1 | 183       | 117       | 133       | 144       | 24.02  | cps   |
| Dysprosium | 156-2 | 73        | 123       | 170       | 122       | 39.55  | cps   |
| Erbium     | 164-1 | 42        | 42        | 67        | 50        | 28.87  | cps   |
| Erbium     | 164-2 | 23        | 17        | 33        | 24        | 34.31  | cps   |
| Gadolinium | 160-1 | 92        | 100       | 83        | 92        | 9.09   | cps   |
| Gadolinium | 160-2 | 190       | 147       | 170       | 169       | 12.84  | cps   |
| Holmium    | 165-1 | 10540628  | 10609928  | 10687889  | 10612815  | 0.69   | cps   |
| Holmium    | 165-2 | 5364168   | 5324779   | 5363776   | 5350907   | 0.42   | cps   |
| Indium     | 115-1 | 8007180   | 8025039   | 7979467   | 8003895   | 0.29   | cps   |
| Indium     | 115-2 | 1434412   | 1439936   | 1441362   | 1438570   | 0.26   | cps   |
| Iron       | 56-2  | 262201950 | 258800667 | 259612167 | 260204928 | 0.68   | cps   |
| Iron       | 57-2  | 6402345   | 6334257   | 6341604   | 6359402   | 0.59   | cps   |
| Krypton    | 83-1  | 380       | 420       | 317       | 372       | 14.00  | cps   |
| Lead       | 206-1 | 3522113   | 3536833   | 3503306   | 3520751   | 0.48   | cps   |
| Lead       | 207-1 | 3271223   | 3261715   | 3254329   | 3262423   | 0.26   | cps   |
| Lead       | 208-1 | 14603551  | 14635291  | 14624895  | 14621246  | 0.11   | cps   |
| Lithium    | 6-1   | 3615302   | 3651308   | 3652895   | 3639835   | 0.58   | cps   |
| Magnesium  | 24-2  | 51985814  | 51795579  | 51912709  | 51898034  | 0.18   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100071            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV24               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV24               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-12-27 12:45:45 | DataFile Name :   | 018CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1487697  | 1483661  | 1476298  | 1482552  | 0.39   | cps   |
| Molybdenum | 94-1  | 8812554  | 8875684  | 8775916  | 8821385  | 0.57   | cps   |
| Molybdenum | 95-1  | 10818309 | 10859226 | 10740334 | 10805956 | 0.56   | cps   |
| Molybdenum | 96-1  | 11893465 | 11955544 | 11904472 | 11917827 | 0.28   | cps   |
| Molybdenum | 97-1  | 6708127  | 6642840  | 6659694  | 6670221  | 0.51   | cps   |
| Molybdenum | 98-1  | 17248422 | 17258655 | 17333019 | 17280032 | 0.27   | cps   |
| Neodymium  | 150-1 | 647      | 567      | 660      | 624      | 8.08   | cps   |
| Neodymium  | 150-2 | 57       | 60       | 50       | 56       | 9.17   | cps   |
| Nickel     | 60-2  | 482496   | 478478   | 482027   | 481001   | 0.46   | cps   |
| Phosphorus | 31-2  | 48371    | 48162    | 49910    | 48814    | 1.96   | cps   |
| Potassium  | 39-2  | 22927755 | 22707835 | 22769468 | 22801686 | 0.50   | cps   |
| Rhodium    | 103-1 | 6854444  | 6884227  | 6903380  | 6880684  | 0.36   | cps   |
| Rhodium    | 103-2 | 3018801  | 3025031  | 3020981  | 3021604  | 0.10   | cps   |
| Scandium   | 45-1  | 5688657  | 5663624  | 5714973  | 5689085  | 0.45   | cps   |
| Scandium   | 45-2  | 220712   | 219362   | 219318   | 219797   | 0.36   | cps   |
| Selenium   | 77-2  | 3881     | 3571     | 3731     | 3727     | 4.16   | cps   |
| Selenium   | 78-2  | 12754    | 12641    | 12452    | 12615    | 1.21   | cps   |
| Selenium   | 82-1  | 92427    | 92721    | 92694    | 92614    | 0.18   | cps   |
| Silicon    | 28-1  | 4304324  | 4437486  | 4458810  | 4400207  | 1.90   | cps   |
| Silver     | 109-1 | 5045887  | 5062540  | 5018073  | 5042167  | 0.45   | cps   |
| Silver     | 107-1 | 5194195  | 5210751  | 5192790  | 5199245  | 0.19   | cps   |
| Sodium     | 23-2  | 99139419 | 98590929 | 98864686 | 98865011 | 0.28   | cps   |
| Strontium  | 86-1  | 1459462  | 1475500  | 1448304  | 1461089  | 0.94   | cps   |
| Strontium  | 88-1  | 12674254 | 12673396 | 12667238 | 12671629 | 0.03   | cps   |
| Sulfur     | 34-1  | 909755   | 910582   | 913298   | 911212   | 0.20   | cps   |
| Terbium    | 159-1 | 10862626 | 10904336 | 10900017 | 10888993 | 0.21   | cps   |
| Terbium    | 159-2 | 5213585  | 5189534  | 5195544  | 5199554  | 0.24   | cps   |
| Thallium   | 203-1 | 4396854  | 4406523  | 4377594  | 4393657  | 0.34   | cps   |
| Thallium   | 205-1 | 10432409 | 10482829 | 10452472 | 10455903 | 0.24   | cps   |
| Thorium    | 232-1 | 17255623 | 17224576 | 17125496 | 17201898 | 0.40   | cps   |
| Tin        | 118-1 | 3717245  | 3723396  | 3677233  | 3705958  | 0.68   | cps   |
| Titanium   | 47-1  | 3318474  | 3336633  | 3291324  | 3315477  | 0.69   | cps   |
| Uranium    | 238-1 | 17115942 | 17120188 | 17064911 | 17100347 | 0.18   | cps   |
| Vanadium   | 51-2  | 970369   | 964716   | 972775   | 969287   | 0.43   | cps   |
| Yttrium    | 89-1  | 8554749  | 8581975  | 8588001  | 8574908  | 0.21   | cps   |
| Yttrium    | 89-2  | 1109808  | 1110290  | 1111839  | 1110646  | 0.10   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100071            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV24               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV24               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-12-27 12:45:45 | DataFile Name :   | 018CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 447798  | 446330  | 449587  | 447905  | 0.36   | cps   |
| Zirconium | 90-1 | 7437414 | 7454594 | 7428067 | 7440025 | 0.18   | cps   |
| Zirconium | 91-1 | 1662990 | 1652020 | 1640489 | 1651833 | 0.68   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : CCB24 Instrumnet Name : P7  
 Client Sample ID : CCB24 Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 12:52:37 DataFile Name : 019CCBE.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 375      | 483      | 458      | 439      | 12.92  | cps   |
| Antimony   | 121-1 | 808      | 733      | 733      | 758      | 5.71   | cps   |
| Arsenic    | 75-2  | 22       | 17       | 15       | 18       | 21.54  | cps   |
| Barium     | 135-1 | 350      | 233      | 308      | 297      | 19.89  | cps   |
| Barium     | 137-1 | 275      | 517      | 742      | 511      | 45.66  | cps   |
| Beryllium  | 9-1   | 172      | 167      | 206      | 181      | 11.59  | cps   |
| Bismuth    | 209-1 | 7784487  | 7715179  | 7794749  | 7764805  | 0.56   | cps   |
| Bismuth    | 209-2 | 4415047  | 4478070  | 4435175  | 4442764  | 0.72   | cps   |
| Boron      | 10-1  | 3526     | 3451     | 3326     | 3434     | 2.94   | cps   |
| Boron      | 11-1  | 15992    | 15434    | 15033    | 15486    | 3.11   | cps   |
| Cadmium    | 111-1 | 2957     | 3109     | 2761     | 2942     | 5.92   | cps   |
| Cadmium    | 106-1 | 4117     | 4343     | 3834     | 4098     | 6.22   | cps   |
| Cadmium    | 108-1 | 13       | 21       | 21       | 18       | 26.64  | cps   |
| Calcium    | 43-1  | 367      | 558      | 525      | 483      | 21.19  | cps   |
| Calcium    | 44-1  | 8061     | 9103     | 11813    | 9659     | 20.05  | cps   |
| Chromium   | 52-2  | 873      | 860      | 887      | 873      | 1.53   | cps   |
| Cobalt     | 59-2  | 130      | 207      | 227      | 188      | 27.17  | cps   |
| Copper     | 63-2  | 457      | 447      | 410      | 438      | 5.61   | cps   |
| Dysprosium | 156-1 | 8        | 17       | 8        | 11       | 43.34  | cps   |
| Dysprosium | 156-2 | 0        | 0        | 7        | 2        | 173.21 | cps   |
| Erbium     | 164-1 | 17       | 50       | 25       | 31       | 56.77  | cps   |
| Erbium     | 164-2 | 13       | 37       | 3        | 18       | 96.24  | cps   |
| Gadolinium | 160-1 | 58       | 33       | 108      | 67       | 57.29  | cps   |
| Gadolinium | 160-2 | 203      | 150      | 153      | 169      | 17.69  | cps   |
| Holmium    | 165-1 | 10944512 | 10918968 | 10906352 | 10923277 | 0.18   | cps   |
| Holmium    | 165-2 | 5599662  | 5623887  | 5636191  | 5619913  | 0.33   | cps   |
| Indium     | 115-1 | 8964451  | 8984929  | 8908942  | 8952774  | 0.44   | cps   |
| Indium     | 115-2 | 1637011  | 1644359  | 1643234  | 1641535  | 0.24   | cps   |
| Iron       | 56-2  | 22145    | 25272    | 25412    | 24276    | 7.61   | cps   |
| Iron       | 57-2  | 572      | 561      | 661      | 598      | 9.16   | cps   |
| Krypton    | 83-1  | 433      | 393      | 367      | 398      | 8.44   | cps   |
| Lead       | 206-1 | 1006     | 889      | 1050     | 982      | 8.48   | cps   |
| Lead       | 207-1 | 845      | 817      | 1028     | 896      | 12.80  | cps   |
| Lead       | 208-1 | 3956     | 3873     | 4450     | 4093     | 7.63   | cps   |
| Lithium    | 6-1   | 3989633  | 3974322  | 3991811  | 3985255  | 0.24   | cps   |
| Magnesium  | 24-2  | 4368     | 4184     | 4559     | 4370     | 4.29   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB24               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB24               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 12:52:37 | DataFile Name :   | 019CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD   | Units |
|------------|-------|----------|----------|----------|----------|----------|-------|
| Manganese  | 55-2  | 123      | 147      | 117      | 129      | 12.22    | cps   |
| Molybdenum | 94-1  | 1033     | 1100     | 1300     | 1145     | 12.13    | cps   |
| Molybdenum | 95-1  | 1533     | 1350     | 1533     | 1472     | 7.19     | cps   |
| Molybdenum | 96-1  | 1642     | 1425     | 1684     | 1583     | 8.76     | cps   |
| Molybdenum | 97-1  | 900      | 850      | 908      | 886      | 3.56     | cps   |
| Molybdenum | 98-1  | 2192     | 1992     | 2167     | 2117     | 5.15     | cps   |
| Neodymium  | 150-1 | 7        | 0        | 7        | 4        | 86.60    | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00     | cps   |
| Nickel     | 60-2  | 77       | 100      | 123      | 100      | 23.33    | cps   |
| Phosphorus | 31-2  | 283      | 325      | 317      | 308      | 7.15     | cps   |
| Potassium  | 39-2  | 17186    | 16176    | 17244    | 16869    | 3.56     | cps   |
| Rhodium    | 103-1 | 8131767  | 8120102  | 8083422  | 8111764  | 0.31     | cps   |
| Rhodium    | 103-2 | 3611471  | 3627024  | 3634026  | 3624174  | 0.32     | cps   |
| Scandium   | 45-1  | 6128573  | 6140466  | 6159688  | 6142909  | 0.26     | cps   |
| Scandium   | 45-2  | 236768   | 237008   | 236518   | 236764   | 0.10     | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00     | cps   |
| Selenium   | 78-2  | 52       | 41       | 61       | 51       | 19.91    | cps   |
| Selenium   | 82-1  | -27      | 4        | 23       | 0        | 16308.44 | cps   |
| Silicon    | 28-1  | 213293   | 212174   | 214422   | 213296   | 0.53     | cps   |
| Silver     | 109-1 | 325      | 600      | 650      | 525      | 33.33    | cps   |
| Silver     | 107-1 | 525      | 667      | 625      | 606      | 12.02    | cps   |
| Sodium     | 23-2  | 30014    | 30281    | 30624    | 30306    | 1.01     | cps   |
| Strontium  | 86-1  | 408      | 808      | 725      | 647      | 32.61    | cps   |
| Strontium  | 88-1  | 450      | 700      | 783      | 644      | 26.92    | cps   |
| Sulfur     | 34-1  | 346458   | 354776   | 359074   | 353436   | 1.81     | cps   |
| Terbium    | 159-1 | 11281734 | 11177213 | 11192304 | 11217084 | 0.50     | cps   |
| Terbium    | 159-2 | 5443086  | 5485123  | 5501441  | 5476550  | 0.55     | cps   |
| Thallium   | 203-1 | 908      | 1000     | 1017     | 975      | 5.98     | cps   |
| Thallium   | 205-1 | 2109     | 2409     | 2292     | 2270     | 6.66     | cps   |
| Thorium    | 232-1 | 1822     | 1722     | 2111     | 1885     | 10.71    | cps   |
| Tin        | 118-1 | 950      | 883      | 808      | 881      | 8.05     | cps   |
| Titanium   | 47-1  | 258      | 292      | 342      | 297      | 14.11    | cps   |
| Uranium    | 238-1 | 633      | 733      | 1058     | 808      | 27.49    | cps   |
| Vanadium   | 51-2  | 63       | 63       | 70       | 66       | 5.87     | cps   |
| Yttrium    | 89-1  | 9180062  | 9189487  | 9171913  | 9180487  | 0.10     | cps   |
| Yttrium    | 89-2  | 1205825  | 1208769  | 1207284  | 1207293  | 0.12     | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB24               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB24               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 12:52:37 | DataFile Name :   | 019CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zinc      | 66-2 | 207  | 240  | 240  | 229     | 8.41   | cps   |
| Zirconium | 90-1 | 1017 | 1008 | 1017 | 1014    | 0.47   | cps   |
| Zirconium | 91-1 | 233  | 142  | 175  | 183     | 25.31  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 12:56:13 | DataFile Name :   | 020LLCC.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1884     | 1817     | 1767     | 1822     | 3.21   | cps   |
| Antimony   | 121-1 | 15918    | 16436    | 16360    | 16238    | 1.72   | cps   |
| Arsenic    | 75-2  | 293      | 289      | 304      | 295      | 2.61   | cps   |
| Barium     | 135-1 | 20558    | 20800    | 20883    | 20747    | 0.81   | cps   |
| Barium     | 137-1 | 37318    | 37168    | 37602    | 37362    | 0.59   | cps   |
| Beryllium  | 9-1   | 3134     | 2973     | 3000     | 3036     | 2.84   | cps   |
| Bismuth    | 209-1 | 7728465  | 7703041  | 7797818  | 7743108  | 0.63   | cps   |
| Bismuth    | 209-2 | 4421784  | 4480284  | 4445342  | 4449137  | 0.66   | cps   |
| Boron      | 10-1  | 15759    | 15959    | 15183    | 15634    | 2.58   | cps   |
| Boron      | 11-1  | 68957    | 70926    | 68940    | 69608    | 1.64   | cps   |
| Cadmium    | 111-1 | 5454     | 5168     | 5344     | 5322     | 2.71   | cps   |
| Cadmium    | 106-1 | 4676     | 4326     | 4451     | 4484     | 3.96   | cps   |
| Cadmium    | 108-1 | 254      | 217      | 163      | 211      | 21.83  | cps   |
| Calcium    | 43-1  | 15150    | 15358    | 15042    | 15183    | 1.06   | cps   |
| Calcium    | 44-1  | 251218   | 251687   | 246873   | 249926   | 1.06   | cps   |
| Chromium   | 52-2  | 5811     | 5451     | 5728     | 5663     | 3.33   | cps   |
| Cobalt     | 59-2  | 4051     | 4287     | 4131     | 4156     | 2.90   | cps   |
| Copper     | 63-2  | 5921     | 6148     | 6068     | 6046     | 1.90   | cps   |
| Dysprosium | 156-1 | 0        | 17       | 0        | 6        | 173.21 | cps   |
| Dysprosium | 156-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Erbium     | 164-1 | 8        | 33       | 17       | 19       | 65.47  | cps   |
| Erbium     | 164-2 | 13       | 20       | 13       | 16       | 24.76  | cps   |
| Gadolinium | 160-1 | 25       | 42       | 75       | 47       | 53.91  | cps   |
| Gadolinium | 160-2 | 120      | 160      | 153      | 144      | 14.84  | cps   |
| Holmium    | 165-1 | 10924218 | 10802704 | 11086102 | 10937675 | 1.30   | cps   |
| Holmium    | 165-2 | 5589056  | 5640752  | 5658880  | 5629563  | 0.64   | cps   |
| Indium     | 115-1 | 9016621  | 8911586  | 9041454  | 8989887  | 0.77   | cps   |
| Indium     | 115-2 | 1629824  | 1653345  | 1653473  | 1645548  | 0.83   | cps   |
| Iron       | 56-2  | 120289   | 121755   | 120966   | 121004   | 0.61   | cps   |
| Iron       | 57-2  | 3167     | 3350     | 3273     | 3263     | 2.82   | cps   |
| Krypton    | 83-1  | 353      | 347      | 400      | 367      | 7.92   | cps   |
| Lead       | 206-1 | 7941     | 8192     | 7791     | 7975     | 2.54   | cps   |
| Lead       | 207-1 | 7141     | 6763     | 7163     | 7022     | 3.20   | cps   |
| Lead       | 208-1 | 32083    | 31560    | 32995    | 32213    | 2.26   | cps   |
| Lithium    | 6-1   | 4059075  | 4044701  | 4071473  | 4058417  | 0.33   | cps   |
| Magnesium  | 24-2  | 111865   | 113922   | 113275   | 113021   | 0.93   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 12:56:13 | DataFile Name :   | 020LLCC.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1597     | 1630     | 1630     | 1619     | 1.19   | cps   |
| Molybdenum | 94-1  | 18413    | 17979    | 18396    | 18262    | 1.35   | cps   |
| Molybdenum | 95-1  | 22610    | 22352    | 22510    | 22491    | 0.58   | cps   |
| Molybdenum | 96-1  | 24889    | 26033    | 24196    | 25039    | 3.70   | cps   |
| Molybdenum | 97-1  | 14158    | 13549    | 14933    | 14213    | 4.88   | cps   |
| Molybdenum | 98-1  | 36840    | 34952    | 34793    | 35529    | 3.21   | cps   |
| Neodymium  | 150-1 | 0        | 0        | 7        | 2        | 173.21 | cps   |
| Neodymium  | 150-2 | 0        | 0        | 7        | 2        | 173.21 | cps   |
| Nickel     | 60-2  | 1113     | 1167     | 1280     | 1187     | 7.17   | cps   |
| Phosphorus | 31-2  | 450      | 583      | 425      | 486      | 17.51  | cps   |
| Potassium  | 39-2  | 106875   | 110081   | 110736   | 109231   | 1.89   | cps   |
| Rhodium    | 103-1 | 8196034  | 8081613  | 8162395  | 8146680  | 0.72   | cps   |
| Rhodium    | 103-2 | 3635712  | 3666252  | 3695662  | 3665875  | 0.82   | cps   |
| Scandium   | 45-1  | 6236023  | 6167003  | 6191808  | 6198278  | 0.56   | cps   |
| Scandium   | 45-2  | 237317   | 238972   | 241713   | 239334   | 0.93   | cps   |
| Selenium   | 77-2  | 37       | 67       | 53       | 52       | 28.78  | cps   |
| Selenium   | 78-2  | 204      | 209      | 191      | 201      | 4.72   | cps   |
| Selenium   | 82-1  | 1086     | 1035     | 954      | 1025     | 6.48   | cps   |
| Silicon    | 28-1  | 286978   | 282062   | 284040   | 284360   | 0.87   | cps   |
| Silver     | 109-1 | 11914    | 11305    | 11872    | 11697    | 2.91   | cps   |
| Silver     | 107-1 | 12264    | 12089    | 11505    | 11953    | 3.32   | cps   |
| Sodium     | 23-2  | 223744   | 226341   | 224616   | 224900   | 0.59   | cps   |
| Strontium  | 86-1  | 3826     | 3517     | 3442     | 3595     | 5.65   | cps   |
| Strontium  | 88-1  | 25131    | 25449    | 24230    | 24936    | 2.54   | cps   |
| Sulfur     | 34-1  | 373355   | 372078   | 376085   | 373839   | 0.55   | cps   |
| Terbium    | 159-1 | 11209415 | 11201872 | 11345320 | 11252202 | 0.72   | cps   |
| Terbium    | 159-2 | 5459411  | 5516921  | 5526955  | 5501096  | 0.66   | cps   |
| Thallium   | 203-1 | 8536     | 9520     | 8678     | 8912     | 5.97   | cps   |
| Thallium   | 205-1 | 22278    | 21602    | 22528    | 22136    | 2.16   | cps   |
| Thorium    | 232-1 | 31316    | 30842    | 31901    | 31353    | 1.69   | cps   |
| Tin        | 118-1 | 39155    | 39047    | 38119    | 38774    | 1.47   | cps   |
| Titanium   | 47-1  | 6727     | 7285     | 7235     | 7083     | 4.36   | cps   |
| Uranium    | 238-1 | 30136    | 30512    | 30595    | 30414    | 0.81   | cps   |
| Vanadium   | 51-2  | 10230    | 10377    | 10307    | 10305    | 0.71   | cps   |
| Yttrium    | 89-1  | 9258384  | 9111855  | 9240074  | 9203438  | 0.87   | cps   |
| Yttrium    | 89-2  | 1209347  | 1222617  | 1224921  | 1218962  | 0.69   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 12:56:13 | DataFile Name :   | 020LLCC.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zinc      | 66-2 | 1110  | 1130  | 1177  | 1139    | 3.00   | cps   |
| Zirconium | 90-1 | 15409 | 15117 | 14308 | 14944   | 3.82   | cps   |
| Zirconium | 91-1 | 3301  | 3376  | 3234  | 3303    | 2.15   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : PB115787BL Instrumnet Name : P7  
 Client Sample ID : PB115787BL Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 13:10:53 DataFile Name : 021CCBE.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 25       | 0        | 42       | 22       | 94.38  | cps   |
| Antimony   | 121-1 | 150      | 158      | 225      | 178      | 23.12  | cps   |
| Arsenic    | 75-2  | 7        | 4        | 6        | 6        | 33.38  | cps   |
| Barium     | 135-1 | 33       | 33       | 8        | 25       | 57.75  | cps   |
| Barium     | 137-1 | 100      | 33       | 42       | 58       | 62.27  | cps   |
| Beryllium  | 9-1   | 72       | 94       | 111      | 93       | 21.07  | cps   |
| Bismuth    | 209-1 | 7999566  | 8081960  | 7904858  | 7995461  | 1.11   | cps   |
| Bismuth    | 209-2 | 4554514  | 4538103  | 4527970  | 4540196  | 0.30   | cps   |
| Boron      | 10-1  | 1450     | 1300     | 1317     | 1356     | 6.07   | cps   |
| Boron      | 11-1  | 5768     | 5876     | 5735     | 5793     | 1.28   | cps   |
| Cadmium    | 111-1 | 2842     | 2918     | 2903     | 2888     | 1.39   | cps   |
| Cadmium    | 106-1 | 4042     | 4151     | 4134     | 4109     | 1.42   | cps   |
| Cadmium    | 108-1 | 0        | 13       | 4        | 6        | 114.53 | cps   |
| Calcium    | 43-1  | 100      | 83       | 100      | 94       | 10.19  | cps   |
| Calcium    | 44-1  | 3451     | 3209     | 3176     | 3278     | 4.58   | cps   |
| Chromium   | 52-2  | 617      | 747      | 567      | 643      | 14.44  | cps   |
| Cobalt     | 59-2  | 30       | 43       | 23       | 32       | 31.61  | cps   |
| Copper     | 63-2  | 193      | 190      | 207      | 197      | 4.48   | cps   |
| Dysprosium | 156-1 | 0        | 8        | 8        | 6        | 86.60  | cps   |
| Dysprosium | 156-2 | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Erbium     | 164-1 | 33       | 33       | 42       | 36       | 13.33  | cps   |
| Erbium     | 164-2 | 20       | 20       | 17       | 19       | 10.18  | cps   |
| Gadolinium | 160-1 | 58       | 42       | 75       | 58       | 28.57  | cps   |
| Gadolinium | 160-2 | 170      | 177      | 160      | 169      | 4.97   | cps   |
| Holmium    | 165-1 | 11258456 | 11363415 | 11273964 | 11298612 | 0.50   | cps   |
| Holmium    | 165-2 | 5736804  | 5690080  | 5691160  | 5706015  | 0.47   | cps   |
| Indium     | 115-1 | 9272195  | 9301663  | 9254277  | 9276045  | 0.26   | cps   |
| Indium     | 115-2 | 1698131  | 1684619  | 1689614  | 1690788  | 0.40   | cps   |
| Iron       | 56-2  | 3545     | 3617     | 3539     | 3567     | 1.22   | cps   |
| Iron       | 57-2  | 133      | 144      | 133      | 137      | 4.68   | cps   |
| Krypton    | 83-1  | 373      | 430      | 387      | 397      | 7.47   | cps   |
| Lead       | 206-1 | 683      | 683      | 661      | 676      | 1.90   | cps   |
| Lead       | 207-1 | 572      | 644      | 639      | 619      | 6.50   | cps   |
| Lead       | 208-1 | 2811     | 2911     | 2772     | 2832     | 2.53   | cps   |
| Lithium    | 6-1   | 4170772  | 4181506  | 4155024  | 4169101  | 0.32   | cps   |
| Magnesium  | 24-2  | 192      | 242      | 167      | 200      | 19.10  | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : PB115787BL Instrumnet Name : P7  
 Client Sample ID : PB115787BL Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 13:10:53 DataFile Name : 021CCBE.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Manganese  | 55-2  | 37       | 10       | 30       | 26       | 54.31   | cps   |
| Molybdenum | 94-1  | 225      | 400      | 308      | 311      | 28.14   | cps   |
| Molybdenum | 95-1  | 175      | 100      | 125      | 133      | 28.64   | cps   |
| Molybdenum | 96-1  | 175      | 175      | 200      | 183      | 7.87    | cps   |
| Molybdenum | 97-1  | 42       | 58       | 67       | 56       | 22.91   | cps   |
| Molybdenum | 98-1  | 158      | 133      | 158      | 150      | 9.62    | cps   |
| Neodymium  | 150-1 | 0        | 13       | 0        | 4        | 173.21  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Nickel     | 60-2  | 53       | 37       | 40       | 43       | 20.34   | cps   |
| Phosphorus | 31-2  | 267      | 325      | 342      | 311      | 12.66   | cps   |
| Potassium  | 39-2  | 15759    | 16335    | 16260    | 16118    | 1.94    | cps   |
| Rhodium    | 103-1 | 8486714  | 8498958  | 8414432  | 8466701  | 0.54    | cps   |
| Rhodium    | 103-2 | 3789382  | 3740586  | 3746663  | 3758877  | 0.71    | cps   |
| Scandium   | 45-1  | 6456554  | 6481749  | 6442065  | 6460123  | 0.31    | cps   |
| Scandium   | 45-2  | 248706   | 246134   | 246243   | 247028   | 0.59    | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Selenium   | 78-2  | 44       | 46       | 46       | 46       | 2.35    | cps   |
| Selenium   | 82-1  | 0        | -18      | 10       | -3       | -485.04 | cps   |
| Silicon    | 28-1  | 208914   | 208807   | 206033   | 207918   | 0.79    | cps   |
| Silver     | 109-1 | 108      | 167      | 83       | 119      | 35.80   | cps   |
| Silver     | 107-1 | 125      | 183      | 167      | 158      | 18.97   | cps   |
| Sodium     | 23-2  | 13415    | 14091    | 13682    | 13729    | 2.48    | cps   |
| Strontium  | 86-1  | 642      | 592      | 592      | 608      | 4.75    | cps   |
| Strontium  | 88-1  | 83       | 142      | 83       | 103      | 32.76   | cps   |
| Sulfur     | 34-1  | 386054   | 388365   | 392202   | 388874   | 0.80    | cps   |
| Terbium    | 159-1 | 11575913 | 11651585 | 11605781 | 11611093 | 0.33    | cps   |
| Terbium    | 159-2 | 5629217  | 5610799  | 5606862  | 5615626  | 0.21    | cps   |
| Thallium   | 203-1 | 200      | 358      | 275      | 278      | 28.51   | cps   |
| Thallium   | 205-1 | 758      | 708      | 758      | 742      | 3.89    | cps   |
| Thorium    | 232-1 | 328      | 317      | 278      | 307      | 8.54    | cps   |
| Tin        | 118-1 | 533      | 542      | 508      | 528      | 3.29    | cps   |
| Titanium   | 47-1  | 67       | 42       | 100      | 69       | 42.14   | cps   |
| Uranium    | 238-1 | 42       | 58       | 25       | 42       | 40.00   | cps   |
| Vanadium   | 51-2  | 3        | 7        | 0        | 3        | 100.05  | cps   |
| Yttrium    | 89-1  | 9560927  | 9609460  | 9563416  | 9577934  | 0.29    | cps   |
| Yttrium    | 89-2  | 1251958  | 1247250  | 1239794  | 1246334  | 0.49    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB115787BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB115787BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 13:10:53 | DataFile Name :   | 021CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zinc      | 66-2 | 197  | 153  | 163  | 171     | 13.26  | cps   |
| Zirconium | 90-1 | 658  | 600  | 667  | 642     | 5.66   | cps   |
| Zirconium | 91-1 | 117  | 158  | 100  | 125     | 24.03  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB115787BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB115787BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 13:14:27 | DataFile Name :   | 022LCS6.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 943912   | 939771   | 929887   | 937856   | 0.77   | cps   |
| Antimony   | 121-1 | 4127763  | 4192444  | 4137195  | 4152467  | 0.84   | cps   |
| Arsenic    | 75-2  | 131407   | 131103   | 130215   | 130908   | 0.47   | cps   |
| Barium     | 135-1 | 5313624  | 5347263  | 5301456  | 5320781  | 0.45   | cps   |
| Barium     | 137-1 | 9503241  | 9484165  | 9331454  | 9439620  | 1.00   | cps   |
| Beryllium  | 9-1   | 1545794  | 1546765  | 1526949  | 1539836  | 0.73   | cps   |
| Bismuth    | 209-1 | 7469690  | 7525823  | 7508140  | 7501218  | 0.38   | cps   |
| Bismuth    | 209-2 | 4187676  | 4235450  | 4225525  | 4216217  | 0.60   | cps   |
| Boron      | 10-1  | 276652   | 281963   | 282028   | 280214   | 1.10   | cps   |
| Boron      | 11-1  | 1232705  | 1249515  | 1250456  | 1244225  | 0.80   | cps   |
| Cadmium    | 111-1 | 1258143  | 1262779  | 1251760  | 1257561  | 0.44   | cps   |
| Cadmium    | 106-1 | 145313   | 146172   | 146655   | 146047   | 0.47   | cps   |
| Cadmium    | 108-1 | 97571    | 98808    | 96845    | 97741    | 1.02   | cps   |
| Calcium    | 43-1  | 1587751  | 1604608  | 1583782  | 1592047  | 0.69   | cps   |
| Calcium    | 44-1  | 25462933 | 25655554 | 25103923 | 25407470 | 1.10   | cps   |
| Chromium   | 52-2  | 1215478  | 1215477  | 1223014  | 1217990  | 0.36   | cps   |
| Cobalt     | 59-2  | 1982299  | 1977090  | 1972549  | 1977313  | 0.25   | cps   |
| Copper     | 63-2  | 2706889  | 2707046  | 2713525  | 2709153  | 0.14   | cps   |
| Dysprosium | 156-1 | 142      | 92       | 133      | 122      | 21.92  | cps   |
| Dysprosium | 156-2 | 90       | 77       | 130      | 99       | 28.07  | cps   |
| Erbium     | 164-1 | 50       | 50       | 67       | 56       | 17.32  | cps   |
| Erbium     | 164-2 | 23       | 10       | 30       | 21       | 48.24  | cps   |
| Gadolinium | 160-1 | 67       | 108      | 83       | 86       | 24.35  | cps   |
| Gadolinium | 160-2 | 117      | 220      | 173      | 170      | 30.44  | cps   |
| Holmium    | 165-1 | 11111102 | 11195279 | 10896066 | 11067482 | 1.39   | cps   |
| Holmium    | 165-2 | 5546168  | 5611616  | 5588226  | 5582003  | 0.59   | cps   |
| Indium     | 115-1 | 8628739  | 8576528  | 8530443  | 8578570  | 0.57   | cps   |
| Indium     | 115-2 | 1525945  | 1527829  | 1536169  | 1529981  | 0.36   | cps   |
| Iron       | 56-2  | 54284760 | 53883737 | 53837823 | 54002107 | 0.46   | cps   |
| Iron       | 57-2  | 1324145  | 1334800  | 1320114  | 1326353  | 0.57   | cps   |
| Krypton    | 83-1  | 353      | 380      | 370      | 368      | 3.66   | cps   |
| Lead       | 206-1 | 3694380  | 3750100  | 3746138  | 3730206  | 0.83   | cps   |
| Lead       | 207-1 | 3436918  | 3472528  | 3461257  | 3456901  | 0.53   | cps   |
| Lead       | 208-1 | 15517439 | 15618459 | 15599440 | 15578446 | 0.34   | cps   |
| Lithium    | 6-1   | 3931310  | 3926346  | 3876711  | 3911456  | 0.77   | cps   |
| Magnesium  | 24-2  | 11280919 | 11232090 | 11182409 | 11231806 | 0.44   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : PB115787BS Instrumnet Name : P7  
 Client Sample ID : PB115787BS Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 13:14:27 DataFile Name : 022LCS6.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1517837  | 1526109  | 1529023  | 1524323  | 0.38   | cps   |
| Molybdenum | 94-1  | 9041006  | 9047363  | 8863404  | 8983924  | 1.16   | cps   |
| Molybdenum | 95-1  | 10935621 | 11023109 | 10851764 | 10936831 | 0.78   | cps   |
| Molybdenum | 96-1  | 12086036 | 12051113 | 11887310 | 12008153 | 0.88   | cps   |
| Molybdenum | 97-1  | 6816089  | 6827109  | 6737718  | 6793639  | 0.72   | cps   |
| Molybdenum | 98-1  | 17565409 | 17615869 | 17392247 | 17524508 | 0.67   | cps   |
| Neodymium  | 150-1 | 560      | 647      | 533      | 580      | 10.22  | cps   |
| Neodymium  | 150-2 | 67       | 77       | 50       | 64       | 20.91  | cps   |
| Nickel     | 60-2  | 513044   | 513235   | 516289   | 514189   | 0.35   | cps   |
| Phosphorus | 31-2  | 50378    | 49801    | 50721    | 50300    | 0.92   | cps   |
| Potassium  | 39-2  | 4625162  | 4620176  | 4634696  | 4626678  | 0.16   | cps   |
| Rhodium    | 103-1 | 7615035  | 7595860  | 7475909  | 7562268  | 1.00   | cps   |
| Rhodium    | 103-2 | 3276115  | 3322147  | 3325668  | 3307977  | 0.84   | cps   |
| Scandium   | 45-1  | 6072320  | 6045864  | 5948688  | 6022290  | 1.08   | cps   |
| Scandium   | 45-2  | 225825   | 225669   | 225962   | 225818   | 0.06   | cps   |
| Selenium   | 77-2  | 3731     | 3964     | 3884     | 3859     | 3.07   | cps   |
| Selenium   | 78-2  | 12802    | 13056    | 12754    | 12871    | 1.26   | cps   |
| Selenium   | 82-1  | 98189    | 97773    | 97522    | 97828    | 0.34   | cps   |
| Silicon    | 28-1  | 4609988  | 4725221  | 4690311  | 4675173  | 1.26   | cps   |
| Silver     | 109-1 | 5547206  | 5559399  | 5580453  | 5562353  | 0.30   | cps   |
| Silver     | 107-1 | 5755100  | 5757101  | 5697413  | 5736538  | 0.59   | cps   |
| Sodium     | 23-2  | 20472716 | 20279258 | 20112253 | 20288076 | 0.89   | cps   |
| Strontium  | 86-1  | 1505860  | 1506572  | 1473028  | 1495153  | 1.28   | cps   |
| Strontium  | 88-1  | 13058384 | 13035220 | 12836557 | 12976720 | 0.94   | cps   |
| Sulfur     | 34-1  | 970155   | 969828   | 944980   | 961654   | 1.50   | cps   |
| Terbium    | 159-1 | 11297385 | 11430109 | 11284731 | 11337408 | 0.71   | cps   |
| Terbium    | 159-2 | 5422636  | 5467675  | 5435076  | 5441796  | 0.43   | cps   |
| Thallium   | 203-1 | 4607081  | 4654311  | 4557017  | 4606136  | 1.06   | cps   |
| Thallium   | 205-1 | 11088045 | 11244622 | 11054601 | 11129089 | 0.91   | cps   |
| Thorium    | 232-1 | 17548269 | 17600848 | 17668281 | 17605800 | 0.34   | cps   |
| Tin        | 118-1 | 3813827  | 3892082  | 3810485  | 3838798  | 1.20   | cps   |
| Titanium   | 47-1  | 3414267  | 3416266  | 3333966  | 3388166  | 1.39   | cps   |
| Uranium    | 238-1 | 17341393 | 17417159 | 17310656 | 17356402 | 0.32   | cps   |
| Vanadium   | 51-2  | 983023   | 974668   | 977460   | 978384   | 0.43   | cps   |
| Yttrium    | 89-1  | 9082619  | 8988932  | 8906303  | 8992618  | 0.98   | cps   |
| Yttrium    | 89-2  | 1138620  | 1151728  | 1149754  | 1146701  | 0.62   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB115787BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB115787BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 13:14:27 | DataFile Name :   | 022LCS6.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 451587  | 451729  | 451530  | 451616  | 0.02   | cps   |
| Zirconium | 90-1 | 7629711 | 7589939 | 7465885 | 7561845 | 1.13   | cps   |
| Zirconium | 91-1 | 1666515 | 1678563 | 1661966 | 1669015 | 0.51   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-0006-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 13:19:17 | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 11993147  | 12041910  | 11928888  | 11987982  | 0.47   | cps   |
| Antimony   | 121-1 | 4343      | 4384      | 4559      | 4429      | 2.60   | cps   |
| Arsenic    | 75-2  | 16584     | 16991     | 16799     | 16791     | 1.22   | cps   |
| Barium     | 135-1 | 3579852   | 3606572   | 3611901   | 3599442   | 0.48   | cps   |
| Barium     | 137-1 | 6341735   | 6360835   | 6476942   | 6393171   | 1.14   | cps   |
| Beryllium  | 9-1   | 19913     | 20436     | 20637     | 20329     | 1.84   | cps   |
| Bismuth    | 209-1 | 7033291   | 7118813   | 7213165   | 7121757   | 1.26   | cps   |
| Bismuth    | 209-2 | 4036920   | 4121450   | 4192056   | 4116808   | 1.89   | cps   |
| Boron      | 10-1  | 15483     | 14724     | 14824     | 15011     | 2.75   | cps   |
| Boron      | 11-1  | 68673     | 69452     | 65618     | 67914     | 2.98   | cps   |
| Cadmium    | 111-1 | 8423      | 8997      | 8612      | 8677      | 3.37   | cps   |
| Cadmium    | 106-1 | 7577      | 7569      | 7344      | 7497      | 1.77   | cps   |
| Cadmium    | 108-1 | 1271      | 1033      | 1054      | 1120      | 11.75  | cps   |
| Calcium    | 43-1  | 1223365   | 1225388   | 1225893   | 1224882   | 0.11   | cps   |
| Calcium    | 44-1  | 19495121  | 19696121  | 19737241  | 19642828  | 0.66   | cps   |
| Chromium   | 52-2  | 406992    | 409649    | 406519    | 407720    | 0.41   | cps   |
| Cobalt     | 59-2  | 453355    | 454529    | 454854    | 454246    | 0.17   | cps   |
| Copper     | 63-2  | 762001    | 763791    | 763890    | 763227    | 0.14   | cps   |
| Dysprosium | 156-1 | 273987    | 275418    | 277613    | 275673    | 0.66   | cps   |
| Dysprosium | 156-2 | 138711    | 139214    | 140390    | 139438    | 0.62   | cps   |
| Erbium     | 164-1 | 243797    | 242126    | 242584    | 242836    | 0.36   | cps   |
| Erbium     | 164-2 | 121206    | 122944    | 122574    | 122241    | 0.75   | cps   |
| Gadolinium | 160-1 | 272846    | 274285    | 277669    | 274934    | 0.90   | cps   |
| Gadolinium | 160-2 | 154325    | 155343    | 156486    | 155385    | 0.70   | cps   |
| Holmium    | 165-1 | 10826649  | 10946509  | 11027470  | 10933543  | 0.92   | cps   |
| Holmium    | 165-2 | 5570003   | 5671157   | 5780175   | 5673778   | 1.85   | cps   |
| Indium     | 115-1 | 8295137   | 8423333   | 8459477   | 8392649   | 1.03   | cps   |
| Indium     | 115-2 | 1551803   | 1569239   | 1593637   | 1571560   | 1.34   | cps   |
| Iron       | 56-2  | 585543080 | 586519858 | 586249324 | 586104087 | 0.09   | cps   |
| Iron       | 57-2  | 14309454  | 14231583  | 14321060  | 14287366  | 0.34   | cps   |
| Krypton    | 83-1  | 723       | 810       | 680       | 738       | 8.97   | cps   |
| Lead       | 206-1 | 16091543  | 16300558  | 16502471  | 16298191  | 1.26   | cps   |
| Lead       | 207-1 | 13486398  | 13622981  | 13810858  | 13640079  | 1.19   | cps   |
| Lead       | 208-1 | 62621167  | 63541288  | 64174906  | 63445787  | 1.23   | cps   |
| Lithium    | 6-1   | 4037401   | 4068713   | 4101970   | 4069361   | 0.79   | cps   |
| Magnesium  | 24-2  | 11958798  | 11997119  | 12015914  | 11990610  | 0.24   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-01 Instrumnet Name : P7  
 Client Sample ID : P001-SS012-0006-01 Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 13:19:17 DataFile Name : 023SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 16473488 | 16491847 | 16509889 | 16491741 | 0.11   | cps   |
| Molybdenum | 94-1  | 197143   | 196068   | 201653   | 198288   | 1.49   | cps   |
| Molybdenum | 95-1  | 24455    | 24263    | 22944    | 23888    | 3.44   | cps   |
| Molybdenum | 96-1  | 66070    | 65317    | 66480    | 65956    | 0.89   | cps   |
| Molybdenum | 97-1  | 14308    | 13816    | 14024    | 14049    | 1.76   | cps   |
| Molybdenum | 98-1  | 36682    | 34409    | 35788    | 35626    | 3.21   | cps   |
| Neodymium  | 150-1 | 285897   | 284963   | 287421   | 286094   | 0.43   | cps   |
| Neodymium  | 150-2 | 111446   | 112387   | 114616   | 112816   | 1.44   | cps   |
| Nickel     | 60-2  | 240871   | 243251   | 244234   | 242785   | 0.71   | cps   |
| Phosphorus | 31-2  | 25957    | 26458    | 25564    | 25993    | 1.72   | cps   |
| Potassium  | 39-2  | 1201693  | 1200683  | 1204154  | 1202177  | 0.15   | cps   |
| Rhodium    | 103-1 | 7377440  | 7414605  | 7493795  | 7428613  | 0.80   | cps   |
| Rhodium    | 103-2 | 3329102  | 3379255  | 3414003  | 3374120  | 1.26   | cps   |
| Scandium   | 45-1  | 6477631  | 6627578  | 6625294  | 6576835  | 1.31   | cps   |
| Scandium   | 45-2  | 252312   | 256149   | 259928   | 256130   | 1.49   | cps   |
| Selenium   | 77-2  | 627      | 580      | 617      | 608      | 4.04   | cps   |
| Selenium   | 78-2  | 493      | 450      | 494      | 479      | 5.25   | cps   |
| Selenium   | 82-1  | 729      | 637      | 821      | 729      | 12.64  | cps   |
| Silicon    | 28-1  | 51074103 | 51771703 | 51851765 | 51565857 | 0.83   | cps   |
| Silver     | 109-1 | 4401     | 4884     | 4367     | 4551     | 6.36   | cps   |
| Silver     | 107-1 | 4818     | 4984     | 5159     | 4987     | 3.43   | cps   |
| Sodium     | 23-2  | 309412   | 306676   | 306435   | 307507   | 0.54   | cps   |
| Strontium  | 86-1  | 577575   | 580364   | 583925   | 580621   | 0.55   | cps   |
| Strontium  | 88-1  | 5033496  | 5089695  | 5069003  | 5064065  | 0.56   | cps   |
| Sulfur     | 34-1  | 513617   | 507471   | 497824   | 506304   | 1.57   | cps   |
| Terbium    | 159-1 | 11059267 | 11162767 | 11330131 | 11184055 | 1.22   | cps   |
| Terbium    | 159-2 | 5445861  | 5544487  | 5608353  | 5532900  | 1.48   | cps   |
| Thallium   | 203-1 | 5785     | 5952     | 6043     | 5927     | 2.21   | cps   |
| Thallium   | 205-1 | 14217    | 14650    | 14025    | 14297    | 2.24   | cps   |
| Thorium    | 232-1 | 1005433  | 1007763  | 1019521  | 1010906  | 0.75   | cps   |
| Tin        | 118-1 | 15785    | 14867    | 15834    | 15495    | 3.52   | cps   |
| Titanium   | 47-1  | 293891   | 296608   | 296762   | 295754   | 0.55   | cps   |
| Uranium    | 238-1 | 109694   | 108608   | 109986   | 109429   | 0.66   | cps   |
| Vanadium   | 51-2  | 326001   | 326760   | 328030   | 326930   | 0.31   | cps   |
| Yttrium    | 89-1  | 11975443 | 12107713 | 12140254 | 12074470 | 0.72   | cps   |
| Yttrium    | 89-2  | 1577402  | 1589070  | 1628590  | 1598354  | 1.68   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-01            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-0006-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 13:19:17 | DataFile Name :   | 023SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 388906 | 391840 | 392289 | 391012  | 0.47   | cps   |
| Zirconium | 90-1 | 506233 | 509236 | 506847 | 507439  | 0.31   | cps   |
| Zirconium | 91-1 | 112178 | 113472 | 115076 | 113575  | 1.28   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-01DUP          | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-0006-01DU | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 13:22:54  | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 11971693  | 12009576  | 12006599  | 11995956  | 0.18   | cps   |
| Antimony   | 121-1 | 3142      | 3526      | 3401      | 3356      | 5.83   | cps   |
| Arsenic    | 75-2  | 16446     | 16671     | 16476     | 16531     | 0.74   | cps   |
| Barium     | 135-1 | 3615575   | 3620553   | 3641693   | 3625940   | 0.38   | cps   |
| Barium     | 137-1 | 6427785   | 6454021   | 6468992   | 6450266   | 0.32   | cps   |
| Beryllium  | 9-1   | 20169     | 19975     | 20225     | 20123     | 0.65   | cps   |
| Bismuth    | 209-1 | 6988417   | 7063075   | 7029344   | 7026945   | 0.53   | cps   |
| Bismuth    | 209-2 | 3990740   | 4021760   | 4042121   | 4018207   | 0.64   | cps   |
| Boron      | 10-1  | 12973     | 12914     | 12964     | 12950     | 0.24   | cps   |
| Boron      | 11-1  | 58414     | 56716     | 57995     | 57708     | 1.53   | cps   |
| Cadmium    | 111-1 | 8253      | 8382      | 8734      | 8456      | 2.95   | cps   |
| Cadmium    | 106-1 | 7294      | 7152      | 7452      | 7299      | 2.06   | cps   |
| Cadmium    | 108-1 | 1254      | 1138      | 1071      | 1154      | 8.04   | cps   |
| Calcium    | 43-1  | 1226161   | 1222718   | 1219835   | 1222905   | 0.26   | cps   |
| Calcium    | 44-1  | 19543149  | 19585937  | 19771127  | 19633404  | 0.62   | cps   |
| Chromium   | 52-2  | 408054    | 407756    | 407473    | 407761    | 0.07   | cps   |
| Cobalt     | 59-2  | 448660    | 453242    | 454571    | 452157    | 0.69   | cps   |
| Copper     | 63-2  | 744972    | 750669    | 757441    | 751027    | 0.83   | cps   |
| Dysprosium | 156-1 | 274550    | 273941    | 275140    | 274544    | 0.22   | cps   |
| Dysprosium | 156-2 | 138740    | 139404    | 142883    | 140342    | 1.59   | cps   |
| Erbium     | 164-1 | 246329    | 244783    | 246641    | 245918    | 0.40   | cps   |
| Erbium     | 164-2 | 121644    | 122296    | 123970    | 122636    | 0.98   | cps   |
| Gadolinium | 160-1 | 274058    | 274839    | 274498    | 274465    | 0.14   | cps   |
| Gadolinium | 160-2 | 154150    | 154757    | 157079    | 155329    | 1.00   | cps   |
| Holmium    | 165-1 | 10710105  | 10826558  | 10725219  | 10753961  | 0.59   | cps   |
| Holmium    | 165-2 | 5502918   | 5521210   | 5585467   | 5536531   | 0.78   | cps   |
| Indium     | 115-1 | 8249850   | 8332871   | 8321120   | 8301281   | 0.54   | cps   |
| Indium     | 115-2 | 1511923   | 1535343   | 1547232   | 1531499   | 1.17   | cps   |
| Iron       | 56-2  | 589116724 | 583858902 | 589137635 | 587371087 | 0.52   | cps   |
| Iron       | 57-2  | 14226562  | 14398254  | 14495786  | 14373534  | 0.95   | cps   |
| Krypton    | 83-1  | 703       | 667       | 717       | 696       | 3.72   | cps   |
| Lead       | 206-1 | 16133141  | 16485447  | 16425497  | 16348028  | 1.15   | cps   |
| Lead       | 207-1 | 13623132  | 13677592  | 13675992  | 13658905  | 0.23   | cps   |
| Lead       | 208-1 | 63372275  | 63695472  | 63784750  | 63617499  | 0.34   | cps   |
| Lithium    | 6-1   | 3984632   | 4001121   | 3987105   | 3990953   | 0.22   | cps   |
| Magnesium  | 24-2  | 11967720  | 11952851  | 12039338  | 11986636  | 0.39   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-01DUP          | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-0006-01DU | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 13:22:54  | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 16626418 | 16405412 | 16471148 | 16500992 | 0.69   | cps   |
| Molybdenum | 94-1  | 203749   | 200891   | 200352   | 201664   | 0.91   | cps   |
| Molybdenum | 95-1  | 22685    | 21767    | 21208    | 21887    | 3.41   | cps   |
| Molybdenum | 96-1  | 65635    | 65551    | 66162    | 65783    | 0.50   | cps   |
| Molybdenum | 97-1  | 14124    | 13565    | 12931    | 13540    | 4.41   | cps   |
| Molybdenum | 98-1  | 34142    | 33457    | 33574    | 33724    | 1.09   | cps   |
| Neodymium  | 150-1 | 288536   | 288049   | 292463   | 289683   | 0.84   | cps   |
| Neodymium  | 150-2 | 113333   | 114431   | 113151   | 113638   | 0.61   | cps   |
| Nickel     | 60-2  | 238969   | 240699   | 242844   | 240837   | 0.81   | cps   |
| Phosphorus | 31-2  | 25481    | 25189    | 26074    | 25581    | 1.76   | cps   |
| Potassium  | 39-2  | 1182082  | 1181490  | 1191325  | 1184966  | 0.47   | cps   |
| Rhodium    | 103-1 | 7328161  | 7395223  | 7326789  | 7350058  | 0.53   | cps   |
| Rhodium    | 103-2 | 3270310  | 3284589  | 3299382  | 3284761  | 0.44   | cps   |
| Scandium   | 45-1  | 6399942  | 6503929  | 6452782  | 6452218  | 0.81   | cps   |
| Scandium   | 45-2  | 248269   | 247394   | 249404   | 248356   | 0.41   | cps   |
| Selenium   | 77-2  | 440      | 547      | 590      | 526      | 14.69  | cps   |
| Selenium   | 78-2  | 504      | 457      | 496      | 486      | 5.12   | cps   |
| Selenium   | 82-1  | 767      | 775      | 713      | 752      | 4.50   | cps   |
| Silicon    | 28-1  | 55486866 | 55582680 | 56134168 | 55734571 | 0.63   | cps   |
| Silver     | 109-1 | 4101     | 4001     | 4117     | 4073     | 1.55   | cps   |
| Silver     | 107-1 | 4609     | 5093     | 4568     | 4757     | 6.14   | cps   |
| Sodium     | 23-2  | 150834   | 150119   | 153512   | 151488   | 1.18   | cps   |
| Strontium  | 86-1  | 587501   | 583664   | 583552   | 584906   | 0.38   | cps   |
| Strontium  | 88-1  | 5058016  | 5045501  | 5073739  | 5059085  | 0.28   | cps   |
| Sulfur     | 34-1  | 476155   | 471255   | 473517   | 473642   | 0.52   | cps   |
| Terbium    | 159-1 | 10993749 | 11077522 | 11069767 | 11047013 | 0.42   | cps   |
| Terbium    | 159-2 | 5362669  | 5397547  | 5478507  | 5412908  | 1.10   | cps   |
| Thallium   | 203-1 | 5785     | 5326     | 5718     | 5610     | 4.42   | cps   |
| Thallium   | 205-1 | 13366    | 13332    | 13240    | 13313    | 0.49   | cps   |
| Thorium    | 232-1 | 1010712  | 1017767  | 1009994  | 1012824  | 0.42   | cps   |
| Tin        | 118-1 | 12673    | 13057    | 12014    | 12581    | 4.19   | cps   |
| Titanium   | 47-1  | 302444   | 304964   | 305178   | 304196   | 0.50   | cps   |
| Uranium    | 238-1 | 108128   | 108004   | 110089   | 108740   | 1.08   | cps   |
| Vanadium   | 51-2  | 325599   | 327800   | 328877   | 327425   | 0.51   | cps   |
| Yttrium    | 89-1  | 11899134 | 11972651 | 11995711 | 11955832 | 0.42   | cps   |
| Yttrium    | 89-2  | 1567168  | 1563900  | 1580978  | 1570682  | 0.58   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-01DUP          | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-0006-01DU | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 13:22:54  | DataFile Name :   | 024SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 386185 | 387720 | 388788 | 387565  | 0.34   | cps   |
| Zirconium | 90-1 | 517578 | 511184 | 519228 | 515996  | 0.82   | cps   |
| Zirconium | 91-1 | 115596 | 114211 | 113305 | 114371  | 1.01   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-01LX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS012-0006-01L Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 13:26:30 DataFile Name : 025SMPL.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 2595238   | 2591165   | 2604883   | 2597095   | 0.27   | cps   |
| Antimony   | 121-1 | 767       | 1042      | 975       | 928       | 15.46  | cps   |
| Arsenic    | 75-2  | 3791      | 3895      | 3802      | 3830      | 1.49   | cps   |
| Barium     | 135-1 | 794937    | 784651    | 784749    | 788112    | 0.75   | cps   |
| Barium     | 137-1 | 1399835   | 1398793   | 1380193   | 1392940   | 0.79   | cps   |
| Beryllium  | 9-1   | 4723      | 4540      | 4801      | 4688      | 2.86   | cps   |
| Bismuth    | 209-1 | 7774806   | 7743104   | 7718466   | 7745459   | 0.36   | cps   |
| Bismuth    | 209-2 | 4449796   | 4429579   | 4600743   | 4493373   | 2.08   | cps   |
| Boron      | 10-1  | 4192      | 4259      | 4184      | 4212      | 0.98   | cps   |
| Boron      | 11-1  | 19555     | 19071     | 19555     | 19394     | 1.44   | cps   |
| Cadmium    | 111-1 | 4177      | 4176      | 3779      | 4044      | 5.68   | cps   |
| Cadmium    | 106-1 | 4751      | 4834      | 4401      | 4662      | 4.93   | cps   |
| Cadmium    | 108-1 | 254       | 250       | 229       | 244       | 5.48   | cps   |
| Calcium    | 43-1  | 263926    | 263898    | 267937    | 265253    | 0.88   | cps   |
| Calcium    | 44-1  | 4255517   | 4272346   | 4285694   | 4271186   | 0.35   | cps   |
| Chromium   | 52-2  | 90361     | 89849     | 90207     | 90139     | 0.29   | cps   |
| Cobalt     | 59-2  | 100317    | 100803    | 100861    | 100660    | 0.30   | cps   |
| Copper     | 63-2  | 171286    | 171741    | 172334    | 171787    | 0.31   | cps   |
| Dysprosium | 156-1 | 58685     | 58902     | 60300     | 59296     | 1.48   | cps   |
| Dysprosium | 156-2 | 31018     | 31009     | 29856     | 30628     | 2.18   | cps   |
| Erbium     | 164-1 | 53188     | 52996     | 53439     | 53208     | 0.42   | cps   |
| Erbium     | 164-2 | 26666     | 26556     | 26038     | 26420     | 1.27   | cps   |
| Gadolinium | 160-1 | 59916     | 59714     | 60100     | 59910     | 0.32   | cps   |
| Gadolinium | 160-2 | 33992     | 33498     | 33959     | 33816     | 0.82   | cps   |
| Holmium    | 165-1 | 11275773  | 11253801  | 11149151  | 11226242  | 0.60   | cps   |
| Holmium    | 165-2 | 5756376   | 5802276   | 5949203   | 5835952   | 1.73   | cps   |
| Indium     | 115-1 | 8967393   | 8962539   | 8906771   | 8945568   | 0.38   | cps   |
| Indium     | 115-2 | 1648085   | 1658947   | 1698227   | 1668420   | 1.58   | cps   |
| Iron       | 56-2  | 129387486 | 129251575 | 128860306 | 129166456 | 0.21   | cps   |
| Iron       | 57-2  | 3111441   | 3131989   | 3135070   | 3126167   | 0.41   | cps   |
| Krypton    | 83-1  | 400       | 387       | 417       | 401       | 3.75   | cps   |
| Lead       | 206-1 | 3567622   | 3534495   | 3556388   | 3552835   | 0.47   | cps   |
| Lead       | 207-1 | 2974378   | 2923118   | 2952315   | 2949937   | 0.87   | cps   |
| Lead       | 208-1 | 14031946  | 13862268  | 13991677  | 13961964  | 0.63   | cps   |
| Lithium    | 6-1   | 3997483   | 3990831   | 4008105   | 3998806   | 0.22   | cps   |
| Magnesium  | 24-2  | 2616939   | 2622416   | 2623397   | 2620918   | 0.13   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-01LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-0006-01L | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 13:26:30 | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 3620092  | 3627890  | 3630551  | 3626178  | 0.15   | cps   |
| Molybdenum | 94-1  | 42138    | 43776    | 43384    | 43099    | 1.98   | cps   |
| Molybdenum | 95-1  | 4968     | 4893     | 5235     | 5032     | 3.57   | cps   |
| Molybdenum | 96-1  | 15150    | 14074    | 13724    | 14316    | 5.19   | cps   |
| Molybdenum | 97-1  | 3259     | 2750     | 2950     | 2987     | 8.58   | cps   |
| Molybdenum | 98-1  | 7527     | 7894     | 7369     | 7597     | 3.55   | cps   |
| Neodymium  | 150-1 | 62455    | 61631    | 61223    | 61770    | 1.02   | cps   |
| Neodymium  | 150-2 | 24732    | 24990    | 24235    | 24652    | 1.56   | cps   |
| Nickel     | 60-2  | 54481    | 54983    | 53872    | 54445    | 1.02   | cps   |
| Phosphorus | 31-2  | 6260     | 6110     | 6135     | 6168     | 1.30   | cps   |
| Potassium  | 39-2  | 270786   | 269056   | 273064   | 270969   | 0.74   | cps   |
| Rhodium    | 103-1 | 8032197  | 7990809  | 7976165  | 7999724  | 0.36   | cps   |
| Rhodium    | 103-2 | 3598282  | 3604334  | 3708615  | 3637077  | 1.71   | cps   |
| Scandium   | 45-1  | 6286984  | 6367046  | 6302943  | 6318991  | 0.67   | cps   |
| Scandium   | 45-2  | 241448   | 241838   | 250988   | 244758   | 2.21   | cps   |
| Selenium   | 77-2  | 113      | 80       | 133      | 109      | 24.75  | cps   |
| Selenium   | 78-2  | 154      | 131      | 150      | 145      | 8.21   | cps   |
| Selenium   | 82-1  | 246      | 213      | 233      | 231      | 7.06   | cps   |
| Silicon    | 28-1  | 11809208 | 11843467 | 11937007 | 11863227 | 0.56   | cps   |
| Silver     | 109-1 | 1067     | 1033     | 1125     | 1075     | 4.32   | cps   |
| Silver     | 107-1 | 1025     | 1083     | 1100     | 1070     | 3.68   | cps   |
| Sodium     | 23-2  | 58339    | 58850    | 57754    | 58314    | 0.94   | cps   |
| Strontium  | 86-1  | 129681   | 128546   | 128907   | 129045   | 0.45   | cps   |
| Strontium  | 88-1  | 1110844  | 1098495  | 1099461  | 1102933  | 0.62   | cps   |
| Sulfur     | 34-1  | 317969   | 313551   | 311759   | 314426   | 1.02   | cps   |
| Terbium    | 159-1 | 11572795 | 11506240 | 11530943 | 11536659 | 0.29   | cps   |
| Terbium    | 159-2 | 5600353  | 5664562  | 5830167  | 5698360  | 2.08   | cps   |
| Thallium   | 203-1 | 1434     | 1467     | 1175     | 1358     | 11.75  | cps   |
| Thallium   | 205-1 | 3367     | 3492     | 3501     | 3453     | 2.16   | cps   |
| Thorium    | 232-1 | 220669   | 215163   | 218557   | 218130   | 1.27   | cps   |
| Tin        | 118-1 | 3301     | 3484     | 3992     | 3592     | 9.98   | cps   |
| Titanium   | 47-1  | 66702    | 67673    | 65337    | 66570    | 1.76   | cps   |
| Uranium    | 238-1 | 23864    | 23773    | 23472    | 23703    | 0.87   | cps   |
| Vanadium   | 51-2  | 70709    | 70909    | 71321    | 70980    | 0.44   | cps   |
| Yttrium    | 89-1  | 10021302 | 9960472  | 9963577  | 9981784  | 0.34   | cps   |
| Yttrium    | 89-2  | 1305911  | 1314515  | 1350794  | 1323740  | 1.80   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-01LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-0006-01L | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 13:26:30 | DataFile Name :   | 025SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 93970  | 94198  | 95090  | 94420   | 0.63   | cps   |
| Zirconium | 90-1 | 110835 | 108643 | 111978 | 110485  | 1.53   | cps   |
| Zirconium | 91-1 | 25757  | 25240  | 24947  | 25315   | 1.62   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-01MS Instrumnet Name : P7  
 Client Sample ID : P001-SS012-0006-01MS Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 13:30:05 DataFile Name : 026SMPL.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 12270348  | 12328711  | 12337040  | 12312033  | 0.30   | cps   |
| Antimony   | 121-1 | 1948055   | 1925261   | 1957039   | 1943452   | 0.84   | cps   |
| Arsenic    | 75-2  | 117824    | 118461    | 120102    | 118795    | 0.99   | cps   |
| Barium     | 135-1 | 7636786   | 7619138   | 7747116   | 7667680   | 0.90   | cps   |
| Barium     | 137-1 | 13415788  | 13374525  | 13662836  | 13484383  | 1.16   | cps   |
| Beryllium  | 9-1   | 1230436   | 1229001   | 1244415   | 1234617   | 0.69   | cps   |
| Bismuth    | 209-1 | 6676696   | 6733416   | 6778872   | 6729661   | 0.76   | cps   |
| Bismuth    | 209-2 | 3797828   | 3813787   | 3884085   | 3831900   | 1.20   | cps   |
| Boron      | 10-1  | 214551    | 218875    | 221260    | 218229    | 1.56   | cps   |
| Boron      | 11-1  | 966920    | 970889    | 988062    | 975290    | 1.15   | cps   |
| Cadmium    | 111-1 | 1008963   | 995006    | 1011380   | 1005116   | 0.88   | cps   |
| Cadmium    | 106-1 | 120316    | 120123    | 120223    | 120221    | 0.08   | cps   |
| Cadmium    | 108-1 | 78705     | 78286     | 79497     | 78829     | 0.78   | cps   |
| Calcium    | 43-1  | 2126254   | 2120138   | 2145943   | 2130778   | 0.63   | cps   |
| Calcium    | 44-1  | 34083215  | 34212279  | 34482546  | 34259347  | 0.59   | cps   |
| Chromium   | 52-2  | 1419155   | 1430951   | 1439589   | 1429898   | 0.72   | cps   |
| Cobalt     | 59-2  | 2098240   | 2113679   | 2117086   | 2109668   | 0.48   | cps   |
| Copper     | 63-2  | 2891526   | 2904448   | 2923148   | 2906374   | 0.55   | cps   |
| Dysprosium | 156-1 | 248691    | 250327    | 254507    | 251175    | 1.19   | cps   |
| Dysprosium | 156-2 | 127274    | 127412    | 127930    | 127539    | 0.27   | cps   |
| Erbium     | 164-1 | 222497    | 224163    | 225912    | 224191    | 0.76   | cps   |
| Erbium     | 164-2 | 112633    | 113961    | 116179    | 114258    | 1.57   | cps   |
| Gadolinium | 160-1 | 243617    | 248241    | 249873    | 247244    | 1.31   | cps   |
| Gadolinium | 160-2 | 139821    | 142462    | 141936    | 141407    | 0.99   | cps   |
| Holmium    | 165-1 | 10360311  | 10529578  | 10498983  | 10462957  | 0.86   | cps   |
| Holmium    | 165-2 | 5331668   | 5379566   | 5428200   | 5379811   | 0.90   | cps   |
| Indium     | 115-1 | 7779399   | 7833026   | 7933743   | 7848723   | 1.00   | cps   |
| Indium     | 115-2 | 1433781   | 1446744   | 1448452   | 1442992   | 0.56   | cps   |
| Iron       | 56-2  | 599638547 | 607093414 | 613504969 | 606745643 | 1.14   | cps   |
| Iron       | 57-2  | 14747784  | 14777978  | 14874068  | 14799944  | 0.45   | cps   |
| Krypton    | 83-1  | 680       | 707       | 610       | 666       | 7.50   | cps   |
| Lead       | 206-1 | 19476489  | 19643508  | 19959075  | 19693024  | 1.24   | cps   |
| Lead       | 207-1 | 16463627  | 16523307  | 16891872  | 16626269  | 1.40   | cps   |
| Lead       | 208-1 | 76508312  | 76744822  | 78058372  | 77103835  | 1.08   | cps   |
| Lithium    | 6-1   | 3726174   | 3753428   | 3777880   | 3752494   | 0.69   | cps   |
| Magnesium  | 24-2  | 20939678  | 21079433  | 21239918  | 21086343  | 0.71   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-01MS Instrumnet Name : P7  
 Client Sample ID : P001-SS012-0006-01MS Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 13:30:05 DataFile Name : 026SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 16147275 | 16279979 | 16379645 | 16268967 | 0.72   | cps   |
| Molybdenum | 94-1  | 7422628  | 7402742  | 7468899  | 7431423  | 0.46   | cps   |
| Molybdenum | 95-1  | 8755091  | 8725040  | 8794274  | 8758135  | 0.40   | cps   |
| Molybdenum | 96-1  | 9693992  | 9655405  | 9745044  | 9698147  | 0.46   | cps   |
| Molybdenum | 97-1  | 5376320  | 5343097  | 5418024  | 5379147  | 0.70   | cps   |
| Molybdenum | 98-1  | 13974001 | 13982386 | 14125159 | 14027182 | 0.61   | cps   |
| Neodymium  | 150-1 | 260874   | 260998   | 269259   | 263710   | 1.82   | cps   |
| Neodymium  | 150-2 | 103553   | 103700   | 104759   | 104004   | 0.63   | cps   |
| Nickel     | 60-2  | 649957   | 650829   | 656916   | 652567   | 0.58   | cps   |
| Phosphorus | 31-2  | 23302    | 23862    | 24220    | 23795    | 1.94   | cps   |
| Potassium  | 39-2  | 4888610  | 4935439  | 5008226  | 4944092  | 1.22   | cps   |
| Rhodium    | 103-1 | 6897692  | 6866752  | 6922266  | 6895570  | 0.40   | cps   |
| Rhodium    | 103-2 | 3057951  | 3088234  | 3103227  | 3083137  | 0.75   | cps   |
| Scandium   | 45-1  | 6094963  | 6140180  | 6148919  | 6128021  | 0.47   | cps   |
| Scandium   | 45-2  | 233633   | 235651   | 237038   | 235441   | 0.73   | cps   |
| Selenium   | 77-2  | 3400     | 3354     | 3317     | 3357     | 1.24   | cps   |
| Selenium   | 78-2  | 9742     | 9913     | 9874     | 9843     | 0.91   | cps   |
| Selenium   | 82-1  | 70232    | 70297    | 71176    | 70568    | 0.75   | cps   |
| Silicon    | 28-1  | 67713006 | 66967756 | 67991452 | 67557404 | 0.78   | cps   |
| Silver     | 109-1 | 4084016  | 4055417  | 4141705  | 4093713  | 1.07   | cps   |
| Silver     | 107-1 | 4246255  | 4203085  | 4287240  | 4245527  | 0.99   | cps   |
| Sodium     | 23-2  | 16703694 | 16787792 | 16927197 | 16806227 | 0.67   | cps   |
| Strontium  | 86-1  | 1726305  | 1726841  | 1744387  | 1732511  | 0.59   | cps   |
| Strontium  | 88-1  | 14863932 | 14938422 | 15237738 | 15013364 | 1.32   | cps   |
| Sulfur     | 34-1  | 450395   | 442140   | 438469   | 443668   | 1.38   | cps   |
| Terbium    | 159-1 | 10556994 | 10702736 | 10738097 | 10665942 | 0.90   | cps   |
| Terbium    | 159-2 | 5201182  | 5233187  | 5278537  | 5237635  | 0.74   | cps   |
| Thallium   | 203-1 | 3714331  | 3771168  | 3808263  | 3764587  | 1.26   | cps   |
| Thallium   | 205-1 | 8960831  | 9004623  | 9164772  | 9043409  | 1.19   | cps   |
| Thorium    | 232-1 | 895304   | 896321   | 920487   | 904037   | 1.58   | cps   |
| Tin        | 118-1 | 2720372  | 2709616  | 2763661  | 2731216  | 1.05   | cps   |
| Titanium   | 47-1  | 2955522  | 2947512  | 2984817  | 2962617  | 0.66   | cps   |
| Uranium    | 238-1 | 14592427 | 14789244 | 15034755 | 14805475 | 1.50   | cps   |
| Vanadium   | 51-2  | 1159908  | 1166323  | 1177941  | 1168057  | 0.78   | cps   |
| Yttrium    | 89-1  | 11181261 | 11218457 | 11264158 | 11221292 | 0.37   | cps   |
| Yttrium    | 89-2  | 1456225  | 1473885  | 1494737  | 1474949  | 1.31   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-01MS           | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-0006-01MS | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 13:30:05  | DataFile Name :   | 026SMPL.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 691770  | 695554  | 702387  | 696570  | 0.77   | cps   |
| Zirconium | 90-1 | 6816501 | 6769894 | 6888687 | 6825027 | 0.88   | cps   |
| Zirconium | 91-1 | 1496795 | 1498318 | 1515711 | 1503608 | 0.70   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-01MSD Instrumnet Name : P7  
 Client Sample ID : P001-SS012-0006-01MS Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 13:33:42 DataFile Name : 027SMPL.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 12769461  | 12732515  | 12799665  | 12767214  | 0.26   | cps   |
| Antimony   | 121-1 | 2274311   | 2278163   | 2323511   | 2291995   | 1.19   | cps   |
| Arsenic    | 75-2  | 128859    | 130236    | 129648    | 129581    | 0.53   | cps   |
| Barium     | 135-1 | 8293636   | 8288856   | 8475493   | 8352662   | 1.27   | cps   |
| Barium     | 137-1 | 14635568  | 14635108  | 14814555  | 14695077  | 0.70   | cps   |
| Beryllium  | 9-1   | 1372767   | 1386712   | 1390793   | 1383424   | 0.68   | cps   |
| Bismuth    | 209-1 | 6456920   | 6782933   | 6744679   | 6661510   | 2.68   | cps   |
| Bismuth    | 209-2 | 3750606   | 3806607   | 3823081   | 3793431   | 1.00   | cps   |
| Boron      | 10-1  | 246628    | 249045    | 255169    | 250280    | 1.76   | cps   |
| Boron      | 11-1  | 1110077   | 1122778   | 1146410   | 1126422   | 1.64   | cps   |
| Cadmium    | 111-1 | 1119188   | 1124035   | 1133390   | 1125537   | 0.64   | cps   |
| Cadmium    | 106-1 | 134307    | 132404    | 136065    | 134258    | 1.36   | cps   |
| Cadmium    | 108-1 | 88235     | 88503     | 89367     | 88702     | 0.67   | cps   |
| Calcium    | 43-1  | 2388220   | 2414476   | 2407929   | 2403541   | 0.57   | cps   |
| Calcium    | 44-1  | 38511311  | 38696729  | 38611548  | 38606529  | 0.24   | cps   |
| Chromium   | 52-2  | 1555990   | 1560399   | 1559756   | 1558715   | 0.15   | cps   |
| Cobalt     | 59-2  | 2301353   | 2305479   | 2311771   | 2306201   | 0.23   | cps   |
| Copper     | 63-2  | 3120273   | 3137427   | 3152775   | 3136825   | 0.52   | cps   |
| Dysprosium | 156-1 | 250253    | 249953    | 251086    | 250430    | 0.23   | cps   |
| Dysprosium | 156-2 | 125578    | 127281    | 126374    | 126411    | 0.67   | cps   |
| Erbium     | 164-1 | 224801    | 224139    | 225836    | 224925    | 0.38   | cps   |
| Erbium     | 164-2 | 112045    | 111619    | 112026    | 111896    | 0.22   | cps   |
| Gadolinium | 160-1 | 245342    | 245070    | 247198    | 245870    | 0.47   | cps   |
| Gadolinium | 160-2 | 137145    | 139064    | 140336    | 138848    | 1.16   | cps   |
| Holmium    | 165-1 | 10294641  | 10545321  | 10449560  | 10429841  | 1.21   | cps   |
| Holmium    | 165-2 | 5234613   | 5348902   | 5326229   | 5303248   | 1.14   | cps   |
| Indium     | 115-1 | 7676160   | 7776703   | 7909896   | 7787586   | 1.51   | cps   |
| Indium     | 115-2 | 1410709   | 1433151   | 1426370   | 1423410   | 0.81   | cps   |
| Iron       | 56-2  | 619169414 | 618391858 | 621865636 | 619808969 | 0.29   | cps   |
| Iron       | 57-2  | 14975466  | 15051348  | 15117993  | 15048269  | 0.47   | cps   |
| Krypton    | 83-1  | 653       | 683       | 703       | 680       | 3.70   | cps   |
| Lead       | 206-1 | 19191093  | 19396889  | 19627741  | 19405241  | 1.13   | cps   |
| Lead       | 207-1 | 16178827  | 16519731  | 16687326  | 16461961  | 1.57   | cps   |
| Lead       | 208-1 | 74979122  | 76278483  | 76727623  | 75995076  | 1.19   | cps   |
| Lithium    | 6-1   | 3716711   | 3737695   | 3773725   | 3742711   | 0.77   | cps   |
| Magnesium  | 24-2  | 22007511  | 22169794  | 22122287  | 22099864  | 0.38   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-01MSD Instrumnet Name : P7  
 Client Sample ID : P001-SS012-0006-01MS Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 13:33:42 DataFile Name : 027SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 16491816 | 16395165 | 16407312 | 16431431 | 0.32   | cps   |
| Molybdenum | 94-1  | 8418732  | 8431443  | 8555274  | 8468483  | 0.89   | cps   |
| Molybdenum | 95-1  | 10000253 | 10006889 | 10103024 | 10036722 | 0.57   | cps   |
| Molybdenum | 96-1  | 11031053 | 11111252 | 11194049 | 11112118 | 0.73   | cps   |
| Molybdenum | 97-1  | 6146433  | 6212702  | 6280085  | 6213073  | 1.08   | cps   |
| Molybdenum | 98-1  | 15970161 | 16160183 | 16198262 | 16109535 | 0.76   | cps   |
| Neodymium  | 150-1 | 265631   | 266120   | 268834   | 266862   | 0.65   | cps   |
| Neodymium  | 150-2 | 103294   | 102941   | 104773   | 103669   | 0.94   | cps   |
| Nickel     | 60-2  | 704736   | 707825   | 708101   | 706887   | 0.26   | cps   |
| Phosphorus | 31-2  | 22852    | 22768    | 23035    | 22885    | 0.60   | cps   |
| Potassium  | 39-2  | 5544498  | 5567761  | 5576481  | 5562913  | 0.30   | cps   |
| Rhodium    | 103-1 | 6673325  | 6848951  | 6853713  | 6791996  | 1.51   | cps   |
| Rhodium    | 103-2 | 3001020  | 3046251  | 3030349  | 3025873  | 0.76   | cps   |
| Scandium   | 45-1  | 5984534  | 6086460  | 6094345  | 6055113  | 1.01   | cps   |
| Scandium   | 45-2  | 232604   | 234888   | 231977   | 233156   | 0.66   | cps   |
| Selenium   | 77-2  | 3654     | 3454     | 3747     | 3618     | 4.14   | cps   |
| Selenium   | 78-2  | 11154    | 11154    | 11178    | 11162    | 0.12   | cps   |
| Selenium   | 82-1  | 80894    | 79620    | 80402    | 80305    | 0.80   | cps   |
| Silicon    | 28-1  | 61183037 | 61730206 | 62284183 | 61732475 | 0.89   | cps   |
| Silver     | 109-1 | 4641953  | 4677261  | 4666704  | 4661973  | 0.39   | cps   |
| Silver     | 107-1 | 4815412  | 4835232  | 4852122  | 4834255  | 0.38   | cps   |
| Sodium     | 23-2  | 19071405 | 19076567 | 19109301 | 19085757 | 0.11   | cps   |
| Strontium  | 86-1  | 1927068  | 1932221  | 1937207  | 1932165  | 0.26   | cps   |
| Strontium  | 88-1  | 16685334 | 16752338 | 16886856 | 16774843 | 0.61   | cps   |
| Sulfur     | 34-1  | 458939   | 457125   | 461965   | 459343   | 0.53   | cps   |
| Terbium    | 159-1 | 10495239 | 10743413 | 10808019 | 10682224 | 1.55   | cps   |
| Terbium    | 159-2 | 5110105  | 5225865  | 5195329  | 5177100  | 1.16   | cps   |
| Thallium   | 203-1 | 4286854  | 4309765  | 4355404  | 4317341  | 0.81   | cps   |
| Thallium   | 205-1 | 10352825 | 10381240 | 10532051 | 10422039 | 0.92   | cps   |
| Thorium    | 232-1 | 907072   | 905488   | 903287   | 905282   | 0.21   | cps   |
| Tin        | 118-1 | 3127250  | 3114711  | 3137658  | 3126540  | 0.37   | cps   |
| Titanium   | 47-1  | 3248223  | 3294255  | 3315448  | 3285975  | 1.05   | cps   |
| Uranium    | 238-1 | 16867324 | 17043019 | 17222363 | 17044235 | 1.04   | cps   |
| Vanadium   | 51-2  | 1261664  | 1266499  | 1264070  | 1264078  | 0.19   | cps   |
| Yttrium    | 89-1  | 11038304 | 11142447 | 11221373 | 11134041 | 0.82   | cps   |
| Yttrium    | 89-2  | 1449698  | 1463008  | 1457717  | 1456808  | 0.46   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-01MSD          | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-0006-01MS | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 13:33:42  | DataFile Name :   | 027SMPL.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 718971  | 723135  | 727241  | 723116  | 0.57   | cps   |
| Zirconium | 90-1 | 7635662 | 7688405 | 7743188 | 7689085 | 0.70   | cps   |
| Zirconium | 91-1 | 1694678 | 1695180 | 1715559 | 1701806 | 0.70   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-01A Instrumnet Name : P7  
 Client Sample ID : P001-SS012-0006-01A Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 13:37:19 DataFile Name : 028SMPL.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 12484582  | 12406311  | 12424247  | 12438380  | 0.33   | cps   |
| Antimony   | 121-1 | 2216214   | 2221606   | 2225645   | 2221155   | 0.21   | cps   |
| Arsenic    | 75-2  | 127731    | 126982    | 127348    | 127353    | 0.29   | cps   |
| Barium     | 135-1 | 8159234   | 8274375   | 8229303   | 8220971   | 0.71   | cps   |
| Barium     | 137-1 | 14458302  | 14587099  | 14501732  | 14515711  | 0.45   | cps   |
| Beryllium  | 9-1   | 1364944   | 1376375   | 1375095   | 1372138   | 0.46   | cps   |
| Bismuth    | 209-1 | 6781317   | 6841038   | 6839612   | 6820656   | 0.50   | cps   |
| Bismuth    | 209-2 | 3785912   | 3783432   | 3782057   | 3783800   | 0.05   | cps   |
| Boron      | 10-1  | 243400    | 250016    | 253618    | 249011    | 2.08   | cps   |
| Boron      | 11-1  | 1098034   | 1128872   | 1131161   | 1119356   | 1.65   | cps   |
| Cadmium    | 111-1 | 1107758   | 1114174   | 1114487   | 1112140   | 0.34   | cps   |
| Cadmium    | 106-1 | 132566    | 132952    | 132725    | 132748    | 0.15   | cps   |
| Cadmium    | 108-1 | 86424     | 86575     | 87216     | 86738     | 0.48   | cps   |
| Calcium    | 43-1  | 2307480   | 2329790   | 2307213   | 2314828   | 0.56   | cps   |
| Calcium    | 44-1  | 37049262  | 37524866  | 37301594  | 37291907  | 0.64   | cps   |
| Chromium   | 52-2  | 1523754   | 1520454   | 1529583   | 1524597   | 0.30   | cps   |
| Cobalt     | 59-2  | 2265403   | 2259515   | 2258837   | 2261252   | 0.16   | cps   |
| Copper     | 63-2  | 3080164   | 3089477   | 3057566   | 3075736   | 0.53   | cps   |
| Dysprosium | 156-1 | 248689    | 246566    | 246802    | 247352    | 0.47   | cps   |
| Dysprosium | 156-2 | 125589    | 124340    | 124418    | 124782    | 0.56   | cps   |
| Erbium     | 164-1 | 224028    | 224783    | 224655    | 224489    | 0.18   | cps   |
| Erbium     | 164-2 | 113171    | 110859    | 111114    | 111715    | 1.13   | cps   |
| Gadolinium | 160-1 | 243970    | 242804    | 243596    | 243457    | 0.24   | cps   |
| Gadolinium | 160-2 | 138015    | 137650    | 137141    | 137602    | 0.32   | cps   |
| Holmium    | 165-1 | 10533290  | 10649649  | 10532488  | 10571809  | 0.64   | cps   |
| Holmium    | 165-2 | 5350790   | 5304598   | 5301749   | 5319046   | 0.52   | cps   |
| Indium     | 115-1 | 7840272   | 7854705   | 7765676   | 7820217   | 0.61   | cps   |
| Indium     | 115-2 | 1423862   | 1414109   | 1425575   | 1421182   | 0.44   | cps   |
| Iron       | 56-2  | 606412836 | 607953369 | 604181347 | 606182517 | 0.31   | cps   |
| Iron       | 57-2  | 14862898  | 14776095  | 14658062  | 14765685  | 0.70   | cps   |
| Krypton    | 83-1  | 587       | 607       | 663       | 619       | 6.43   | cps   |
| Lead       | 206-1 | 19686926  | 19776030  | 19847860  | 19770272  | 0.41   | cps   |
| Lead       | 207-1 | 16670581  | 16672482  | 16800689  | 16714584  | 0.45   | cps   |
| Lead       | 208-1 | 77083858  | 77687972  | 78171282  | 77647704  | 0.70   | cps   |
| Lithium    | 6-1   | 3760151   | 3770523   | 3767216   | 3765963   | 0.14   | cps   |
| Magnesium  | 24-2  | 21953999  | 21947558  | 21848759  | 21916772  | 0.27   | cps   |



LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-01A Instrumnet Name : P7  
 Client Sample ID : P001-SS012-0006-01A Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 13:37:19 DataFile Name : 028SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 16129446 | 16152762 | 16070988 | 16117732 | 0.26   | cps   |
| Molybdenum | 94-1  | 8324065  | 8380733  | 8382429  | 8362409  | 0.40   | cps   |
| Molybdenum | 95-1  | 9866628  | 9927392  | 9908148  | 9900722  | 0.31   | cps   |
| Molybdenum | 96-1  | 10936931 | 11007787 | 10935298 | 10960006 | 0.38   | cps   |
| Molybdenum | 97-1  | 6102390  | 6145225  | 6125636  | 6124417  | 0.35   | cps   |
| Molybdenum | 98-1  | 15747822 | 15859834 | 15789000 | 15798885 | 0.36   | cps   |
| Neodymium  | 150-1 | 264024   | 262142   | 263271   | 263145   | 0.36   | cps   |
| Neodymium  | 150-2 | 102495   | 102888   | 100430   | 101938   | 1.30   | cps   |
| Nickel     | 60-2  | 693211   | 695384   | 694827   | 694474   | 0.16   | cps   |
| Phosphorus | 31-2  | 22343    | 23436    | 22201    | 22660    | 2.98   | cps   |
| Potassium  | 39-2  | 5424423  | 5418493  | 5400176  | 5414364  | 0.23   | cps   |
| Rhodium    | 103-1 | 6829369  | 6807191  | 6780162  | 6805574  | 0.36   | cps   |
| Rhodium    | 103-2 | 3006579  | 2999236  | 3016676  | 3007497  | 0.29   | cps   |
| Scandium   | 45-1  | 6096218  | 6102665  | 6064532  | 6087805  | 0.34   | cps   |
| Scandium   | 45-2  | 232407   | 229960   | 230044   | 230804   | 0.60   | cps   |
| Selenium   | 77-2  | 3711     | 3751     | 3767     | 3743     | 0.78   | cps   |
| Selenium   | 78-2  | 10824    | 11058    | 11004    | 10962    | 1.12   | cps   |
| Selenium   | 82-1  | 78454    | 79464    | 78452    | 78790    | 0.74   | cps   |
| Silicon    | 28-1  | 63748322 | 64395129 | 64945316 | 64362922 | 0.93   | cps   |
| Silver     | 109-1 | 4575130  | 4546870  | 4630399  | 4584133  | 0.93   | cps   |
| Silver     | 107-1 | 4733861  | 4737103  | 4751764  | 4740909  | 0.20   | cps   |
| Sodium     | 23-2  | 18813511 | 18702715 | 18735554 | 18750593 | 0.30   | cps   |
| Strontium  | 86-1  | 1868971  | 1891324  | 1888322  | 1882872  | 0.64   | cps   |
| Strontium  | 88-1  | 16316976 | 16581183 | 16537836 | 16478665 | 0.86   | cps   |
| Sulfur     | 34-1  | 459645   | 454621   | 451839   | 455368   | 0.87   | cps   |
| Terbium    | 159-1 | 10853897 | 10809782 | 10661703 | 10775127 | 0.93   | cps   |
| Terbium    | 159-2 | 5194229  | 5160500  | 5201387  | 5185372  | 0.42   | cps   |
| Thallium   | 203-1 | 4312294  | 4312653  | 4308575  | 4311174  | 0.05   | cps   |
| Thallium   | 205-1 | 10345960 | 10416434 | 10379810 | 10380735 | 0.34   | cps   |
| Thorium    | 232-1 | 888997   | 895166   | 903348   | 895837   | 0.80   | cps   |
| Tin        | 118-1 | 3040306  | 3061211  | 3075279  | 3058932  | 0.58   | cps   |
| Titanium   | 47-1  | 3232278  | 3261053  | 3248253  | 3247194  | 0.44   | cps   |
| Uranium    | 238-1 | 16650437 | 16887265 | 16966497 | 16834733 | 0.98   | cps   |
| Vanadium   | 51-2  | 1249231  | 1238304  | 1240878  | 1242804  | 0.46   | cps   |
| Yttrium    | 89-1  | 11211240 | 11197668 | 11163468 | 11190792 | 0.22   | cps   |
| Yttrium    | 89-2  | 1440981  | 1443193  | 1443295  | 1442490  | 0.09   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-01A           | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-0006-01A | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 13:37:19 | DataFile Name :   | 028SMPL.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 713178  | 715248  | 714976  | 714468  | 0.16   | cps   |
| Zirconium | 90-1 | 7479909 | 7575178 | 7581874 | 7545653 | 0.76   | cps   |
| Zirconium | 91-1 | 1661912 | 1680246 | 1654364 | 1665507 | 0.80   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-0612-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 13:40:54 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 13693696  | 13570094  | 13657042  | 13640277  | 0.47   | cps   |
| Antimony   | 121-1 | 3217      | 2900      | 3192      | 3103      | 5.67   | cps   |
| Arsenic    | 75-2  | 16387     | 15938     | 16178     | 16168     | 1.39   | cps   |
| Barium     | 135-1 | 3595339   | 3611910   | 3602892   | 3603380   | 0.23   | cps   |
| Barium     | 137-1 | 6391036   | 6398631   | 6492398   | 6427355   | 0.88   | cps   |
| Beryllium  | 9-1   | 21627     | 21349     | 22005     | 21660     | 1.52   | cps   |
| Bismuth    | 209-1 | 7046357   | 7161877   | 7184583   | 7130939   | 1.04   | cps   |
| Bismuth    | 209-2 | 4018021   | 4023737   | 4060263   | 4034007   | 0.57   | cps   |
| Boron      | 10-1  | 14741     | 13615     | 13732     | 14029     | 4.41   | cps   |
| Boron      | 11-1  | 65334     | 62220     | 62764     | 63439     | 2.62   | cps   |
| Cadmium    | 111-1 | 8730      | 7992      | 8548      | 8423      | 4.57   | cps   |
| Cadmium    | 106-1 | 7777      | 7194      | 7544      | 7505      | 3.91   | cps   |
| Cadmium    | 108-1 | 1021      | 1088      | 1054      | 1054      | 3.16   | cps   |
| Calcium    | 43-1  | 521618    | 521546    | 528572    | 523912    | 0.77   | cps   |
| Calcium    | 44-1  | 8522511   | 8511509   | 8538687   | 8524236   | 0.16   | cps   |
| Chromium   | 52-2  | 393879    | 402224    | 397988    | 398030    | 1.05   | cps   |
| Cobalt     | 59-2  | 400139    | 404109    | 405350    | 403200    | 0.68   | cps   |
| Copper     | 63-2  | 658977    | 659511    | 660292    | 659593    | 0.10   | cps   |
| Dysprosium | 156-1 | 256222    | 255638    | 257479    | 256446    | 0.37   | cps   |
| Dysprosium | 156-2 | 128552    | 128286    | 128267    | 128368    | 0.12   | cps   |
| Erbium     | 164-1 | 230150    | 230232    | 228835    | 229739    | 0.34   | cps   |
| Erbium     | 164-2 | 113647    | 114411    | 116288    | 114782    | 1.18   | cps   |
| Gadolinium | 160-1 | 239987    | 245348    | 244321    | 243219    | 1.17   | cps   |
| Gadolinium | 160-2 | 136946    | 138222    | 138219    | 137796    | 0.53   | cps   |
| Holmium    | 165-1 | 10730133  | 10989387  | 11059355  | 10926292  | 1.59   | cps   |
| Holmium    | 165-2 | 5573994   | 5547887   | 5607930   | 5576604   | 0.54   | cps   |
| Indium     | 115-1 | 8130853   | 8324650   | 8412564   | 8289356   | 1.74   | cps   |
| Indium     | 115-2 | 1528912   | 1537549   | 1531023   | 1532495   | 0.29   | cps   |
| Iron       | 56-2  | 584408791 | 588454124 | 586068791 | 586310569 | 0.35   | cps   |
| Iron       | 57-2  | 14315176  | 14411869  | 14332579  | 14353208  | 0.36   | cps   |
| Krypton    | 83-1  | 613       | 710       | 730       | 684       | 9.12   | cps   |
| Lead       | 206-1 | 22569213  | 22642592  | 22969741  | 22727182  | 0.94   | cps   |
| Lead       | 207-1 | 18871816  | 18847773  | 19230907  | 18983499  | 1.13   | cps   |
| Lead       | 208-1 | 88037727  | 88442161  | 89209344  | 88563077  | 0.67   | cps   |
| Lithium    | 6-1   | 3902598   | 3962670   | 3996135   | 3953801   | 1.20   | cps   |
| Magnesium  | 24-2  | 10324079  | 10282284  | 10320863  | 10309075  | 0.23   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-0612-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 13:40:54 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 11147831 | 11257084 | 11182677 | 11195864 | 0.50   | cps   |
| Molybdenum | 94-1  | 190919   | 190056   | 191840   | 190938   | 0.47   | cps   |
| Molybdenum | 95-1  | 29673    | 28471    | 29732    | 29292    | 2.43   | cps   |
| Molybdenum | 96-1  | 71773    | 70994    | 72015    | 71594    | 0.75   | cps   |
| Molybdenum | 97-1  | 17795    | 17461    | 17236    | 17498    | 1.61   | cps   |
| Molybdenum | 98-1  | 45691    | 46995    | 45649    | 46112    | 1.66   | cps   |
| Neodymium  | 150-1 | 278866   | 278688   | 280470   | 279341   | 0.35   | cps   |
| Neodymium  | 150-2 | 110694   | 110301   | 110801   | 110599   | 0.24   | cps   |
| Nickel     | 60-2  | 208631   | 209431   | 210366   | 209476   | 0.41   | cps   |
| Phosphorus | 31-2  | 21308    | 20899    | 20965    | 21057    | 1.04   | cps   |
| Potassium  | 39-2  | 989801   | 984456   | 976993   | 983750   | 0.65   | cps   |
| Rhodium    | 103-1 | 7184505  | 7332924  | 7405397  | 7307608  | 1.54   | cps   |
| Rhodium    | 103-2 | 3269122  | 3262103  | 3285978  | 3272401  | 0.37   | cps   |
| Scandium   | 45-1  | 6384746  | 6481815  | 6474626  | 6447062  | 0.84   | cps   |
| Scandium   | 45-2  | 247842   | 248110   | 247363   | 247772   | 0.15   | cps   |
| Selenium   | 77-2  | 550      | 560      | 580      | 563      | 2.71   | cps   |
| Selenium   | 78-2  | 509      | 500      | 457      | 489      | 5.66   | cps   |
| Selenium   | 82-1  | 898      | 832      | 752      | 827      | 8.86   | cps   |
| Silicon    | 28-1  | 48088897 | 48224536 | 48295733 | 48203056 | 0.22   | cps   |
| Silver     | 109-1 | 5118     | 5201     | 5426     | 5248     | 3.04   | cps   |
| Silver     | 107-1 | 6685     | 6118     | 5526     | 6110     | 9.48   | cps   |
| Sodium     | 23-2  | 367336   | 369421   | 368776   | 368511   | 0.29   | cps   |
| Strontium  | 86-1  | 332495   | 332567   | 331172   | 332078   | 0.24   | cps   |
| Strontium  | 88-1  | 2878390  | 2891374  | 2876404  | 2882056  | 0.28   | cps   |
| Sulfur     | 34-1  | 459210   | 454887   | 456270   | 456789   | 0.48   | cps   |
| Terbium    | 159-1 | 10957684 | 11146486 | 11240624 | 11114931 | 1.30   | cps   |
| Terbium    | 159-2 | 5419460  | 5444375  | 5434608  | 5432814  | 0.23   | cps   |
| Thallium   | 203-1 | 9721     | 9445     | 8962     | 9376     | 4.10   | cps   |
| Thallium   | 205-1 | 23522    | 22461    | 22787    | 22923    | 2.37   | cps   |
| Thorium    | 232-1 | 1027323  | 1029154  | 1025855  | 1027444  | 0.16   | cps   |
| Tin        | 118-1 | 17128    | 16903    | 16560    | 16864    | 1.69   | cps   |
| Titanium   | 47-1  | 255592   | 254112   | 256104   | 255269   | 0.41   | cps   |
| Uranium    | 238-1 | 121110   | 121916   | 123920   | 122315   | 1.18   | cps   |
| Vanadium   | 51-2  | 365290   | 366967   | 368497   | 366918   | 0.44   | cps   |
| Yttrium    | 89-1  | 11569832 | 11705743 | 11723636 | 11666404 | 0.72   | cps   |
| Yttrium    | 89-2  | 1539892  | 1546350  | 1548586  | 1544943  | 0.29   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-02            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-0612-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 13:40:54 | DataFile Name :   | 029SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 381622 | 382914 | 383065 | 382534  | 0.21   | cps   |
| Zirconium | 90-1 | 475198 | 472933 | 477435 | 475189  | 0.47   | cps   |
| Zirconium | 91-1 | 107603 | 106141 | 108392 | 107379  | 1.06   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100071            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV25               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV25               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-12-27 13:47:55 | DataFile Name :   | 030CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 5012420   | 5016728   | 4997216   | 5008788   | 0.20   | cps   |
| Antimony   | 121-1 | 3860727   | 3898886   | 3886670   | 3882094   | 0.50   | cps   |
| Arsenic    | 75-2  | 119795    | 120916    | 121698    | 120803    | 0.79   | cps   |
| Barium     | 135-1 | 5136580   | 5148670   | 5151273   | 5145507   | 0.15   | cps   |
| Barium     | 137-1 | 9050796   | 9147775   | 9185474   | 9128015   | 0.76   | cps   |
| Beryllium  | 9-1   | 1422793   | 1438015   | 1438878   | 1433229   | 0.63   | cps   |
| Bismuth    | 209-1 | 6783184   | 6714780   | 6715922   | 6737962   | 0.58   | cps   |
| Bismuth    | 209-2 | 3721967   | 3787667   | 3783681   | 3764438   | 0.98   | cps   |
| Boron      | 10-1  | 259449    | 263499    | 273235    | 265394    | 2.67   | cps   |
| Boron      | 11-1  | 1163964   | 1182542   | 1206020   | 1184176   | 1.78   | cps   |
| Cadmium    | 111-1 | 1111862   | 1123496   | 1124880   | 1120080   | 0.64   | cps   |
| Cadmium    | 106-1 | 131935    | 134307    | 133540    | 133260    | 0.91   | cps   |
| Cadmium    | 108-1 | 88118     | 90063     | 89631     | 89270     | 1.14   | cps   |
| Calcium    | 43-1  | 7436646   | 7458065   | 7462986   | 7452566   | 0.19   | cps   |
| Calcium    | 44-1  | 119903344 | 119693624 | 119529857 | 119708942 | 0.16   | cps   |
| Chromium   | 52-2  | 1200570   | 1207446   | 1209826   | 1205948   | 0.40   | cps   |
| Cobalt     | 59-2  | 1898356   | 1906217   | 1918546   | 1907706   | 0.53   | cps   |
| Copper     | 63-2  | 2653056   | 2659523   | 2680863   | 2664481   | 0.55   | cps   |
| Dysprosium | 156-1 | 125       | 200       | 125       | 150       | 28.87  | cps   |
| Dysprosium | 156-2 | 83        | 110       | 83        | 92        | 16.69  | cps   |
| Erbium     | 164-1 | 33        | 67        | 50        | 50        | 33.34  | cps   |
| Erbium     | 164-2 | 30        | 30        | 30        | 30        | 0.00   | cps   |
| Gadolinium | 160-1 | 150       | 175       | 133       | 153       | 13.73  | cps   |
| Gadolinium | 160-2 | 153       | 203       | 197       | 184       | 14.72  | cps   |
| Holmium    | 165-1 | 10717300  | 10693414  | 10703419  | 10704711  | 0.11   | cps   |
| Holmium    | 165-2 | 5377923   | 5412657   | 5427219   | 5405933   | 0.47   | cps   |
| Indium     | 115-1 | 7945462   | 7926664   | 7876977   | 7916368   | 0.45   | cps   |
| Indium     | 115-2 | 1433808   | 1446888   | 1455621   | 1445439   | 0.76   | cps   |
| Iron       | 56-2  | 261449989 | 263587106 | 264560495 | 263199197 | 0.60   | cps   |
| Iron       | 57-2  | 6430118   | 6472532   | 6500610   | 6467753   | 0.55   | cps   |
| Krypton    | 83-1  | 350       | 383       | 370       | 368       | 4.56   | cps   |
| Lead       | 206-1 | 3500170   | 3526762   | 3543829   | 3523587   | 0.62   | cps   |
| Lead       | 207-1 | 3248872   | 3289445   | 3263556   | 3267291   | 0.63   | cps   |
| Lead       | 208-1 | 14597361  | 14705002  | 14721066  | 14674476  | 0.46   | cps   |
| Lithium    | 6-1   | 3651376   | 3638066   | 3641204   | 3643549   | 0.19   | cps   |
| Magnesium  | 24-2  | 52799195  | 53038756  | 53076633  | 52971528  | 0.28   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100071            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV25               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV25               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-12-27 13:47:55 | DataFile Name :   | 030CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Manganese  | 55-2  | 1482426   | 1503884   | 1508342   | 1498217   | 0.92   | cps   |
| Molybdenum | 94-1  | 8652644   | 8740879   | 8751484   | 8715002   | 0.62   | cps   |
| Molybdenum | 95-1  | 10616706  | 10671561  | 10704956  | 10664408  | 0.42   | cps   |
| Molybdenum | 96-1  | 11698355  | 11719974  | 11844978  | 11754435  | 0.67   | cps   |
| Molybdenum | 97-1  | 6561610   | 6548962   | 6646610   | 6585727   | 0.81   | cps   |
| Molybdenum | 98-1  | 16976165  | 16925626  | 17145276  | 17015689  | 0.68   | cps   |
| Neodymium  | 150-1 | 620       | 613       | 727       | 653       | 9.73   | cps   |
| Neodymium  | 150-2 | 67        | 127       | 80        | 91        | 34.58  | cps   |
| Nickel     | 60-2  | 481918    | 481617    | 486997    | 483511    | 0.63   | cps   |
| Phosphorus | 31-2  | 49993     | 47652     | 48831     | 48825     | 2.40   | cps   |
| Potassium  | 39-2  | 23059746  | 23167660  | 23287988  | 23171798  | 0.49   | cps   |
| Rhodium    | 103-1 | 6823395   | 6797036   | 6796895   | 6805775   | 0.22   | cps   |
| Rhodium    | 103-2 | 2992233   | 3024629   | 3025810   | 3014224   | 0.63   | cps   |
| Scandium   | 45-1  | 5752365   | 5670615   | 5630145   | 5684375   | 1.10   | cps   |
| Scandium   | 45-2  | 220427    | 222495    | 221730    | 221551    | 0.47   | cps   |
| Selenium   | 77-2  | 3694      | 3741      | 3671      | 3702      | 0.96   | cps   |
| Selenium   | 78-2  | 12674     | 12798     | 12719     | 12730     | 0.49   | cps   |
| Selenium   | 82-1  | 91933     | 91486     | 91802     | 91740     | 0.25   | cps   |
| Silicon    | 28-1  | 4262768   | 4381192   | 4450281   | 4364747   | 2.17   | cps   |
| Silver     | 109-1 | 4951217   | 4985029   | 5022756   | 4986334   | 0.72   | cps   |
| Silver     | 107-1 | 5090812   | 5123307   | 5129708   | 5114609   | 0.41   | cps   |
| Sodium     | 23-2  | 100234563 | 101111706 | 101134500 | 100826923 | 0.51   | cps   |
| Strontium  | 86-1  | 1436668   | 1448978   | 1460528   | 1448724   | 0.82   | cps   |
| Strontium  | 88-1  | 12422580  | 12617683  | 12544917  | 12528394  | 0.79   | cps   |
| Sulfur     | 34-1  | 920930    | 918195    | 920126    | 919751    | 0.15   | cps   |
| Terbium    | 159-1 | 10891107  | 10855789  | 10825875  | 10857590  | 0.30   | cps   |
| Terbium    | 159-2 | 5175153   | 5262300   | 5261308   | 5232920   | 0.96   | cps   |
| Thallium   | 203-1 | 4392334   | 4368677   | 4388505   | 4383172   | 0.29   | cps   |
| Thallium   | 205-1 | 10507431  | 10593830  | 10652597  | 10584619  | 0.69   | cps   |
| Thorium    | 232-1 | 17150298  | 17330019  | 17293491  | 17257936  | 0.55   | cps   |
| Tin        | 118-1 | 3628233   | 3649889   | 3639831   | 3639318   | 0.30   | cps   |
| Titanium   | 47-1  | 3253765   | 3296900   | 3296448   | 3282371   | 0.75   | cps   |
| Uranium    | 238-1 | 16829581  | 17169050  | 17150284  | 17049638  | 1.12   | cps   |
| Vanadium   | 51-2  | 965459    | 974540    | 974588    | 971529    | 0.54   | cps   |
| Yttrium    | 89-1  | 8554098   | 8500471   | 8406142   | 8486903   | 0.88   | cps   |
| Yttrium    | 89-2  | 1104885   | 1120170   | 1111661   | 1112239   | 0.69   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100071            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV25               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV25               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-12-27 13:47:55 | DataFile Name :   | 030CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 443932  | 449431  | 454009  | 449124  | 1.12   | cps   |
| Zirconium | 90-1 | 7251018 | 7362942 | 7401827 | 7338596 | 1.07   | cps   |
| Zirconium | 91-1 | 1601151 | 1636174 | 1632467 | 1623264 | 1.19   | cps   |



LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : CCB25 Instrumnet Name : P7  
 Client Sample ID : CCB25 Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 13:53:29 DataFile Name : 031CCBE.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 525      | 542      | 625      | 564      | 9.50   | cps   |
| Antimony   | 121-1 | 1100     | 958      | 1050     | 1036     | 6.93   | cps   |
| Arsenic    | 75-2  | 24       | 28       | 31       | 28       | 13.34  | cps   |
| Barium     | 135-1 | 475      | 683      | 550      | 569      | 18.53  | cps   |
| Barium     | 137-1 | 842      | 1017     | 917      | 925      | 9.49   | cps   |
| Beryllium  | 9-1   | 333      | 378      | 267      | 326      | 17.16  | cps   |
| Bismuth    | 209-1 | 7893720  | 7841698  | 8348683  | 8028034  | 3.47   | cps   |
| Bismuth    | 209-2 | 4388013  | 4405924  | 4432093  | 4408677  | 0.50   | cps   |
| Boron      | 10-1  | 5718     | 5535     | 5685     | 5646     | 1.73   | cps   |
| Boron      | 11-1  | 25998    | 26106    | 24738    | 25614    | 2.97   | cps   |
| Cadmium    | 111-1 | 2942     | 2808     | 3085     | 2945     | 4.71   | cps   |
| Cadmium    | 106-1 | 4009     | 3817     | 4259     | 4029     | 5.50   | cps   |
| Cadmium    | 108-1 | 8        | 21       | 25       | 18       | 48.05  | cps   |
| Calcium    | 43-1  | 558      | 658      | 750      | 656      | 14.62  | cps   |
| Calcium    | 44-1  | 10913    | 11563    | 11930    | 11469    | 4.49   | cps   |
| Chromium   | 52-2  | 867      | 800      | 743      | 803      | 7.69   | cps   |
| Cobalt     | 59-2  | 237      | 200      | 210      | 216      | 8.79   | cps   |
| Copper     | 63-2  | 473      | 557      | 487      | 506      | 8.85   | cps   |
| Dysprosium | 156-1 | 17       | 17       | 25       | 19       | 24.73  | cps   |
| Dysprosium | 156-2 | 7        | 0        | 13       | 7        | 99.98  | cps   |
| Erbium     | 164-1 | 25       | 33       | 17       | 25       | 33.32  | cps   |
| Erbium     | 164-2 | 10       | 27       | 20       | 19       | 44.42  | cps   |
| Gadolinium | 160-1 | 75       | 42       | 67       | 61       | 28.38  | cps   |
| Gadolinium | 160-2 | 207      | 157      | 153      | 172      | 17.35  | cps   |
| Holmium    | 165-1 | 11048387 | 10984736 | 11736249 | 11256458 | 3.70   | cps   |
| Holmium    | 165-2 | 5527230  | 5586573  | 5605397  | 5573067  | 0.73   | cps   |
| Indium     | 115-1 | 8955269  | 9003043  | 9557616  | 9171976  | 3.65   | cps   |
| Indium     | 115-2 | 1620173  | 1639756  | 1646168  | 1635366  | 0.83   | cps   |
| Iron       | 56-2  | 32030    | 34842    | 35627    | 34166    | 5.54   | cps   |
| Iron       | 57-2  | 933      | 911      | 945      | 930      | 1.83   | cps   |
| Krypton    | 83-1  | 363      | 373      | 430      | 389      | 9.25   | cps   |
| Lead       | 206-1 | 2067     | 2217     | 2156     | 2147     | 3.51   | cps   |
| Lead       | 207-1 | 2050     | 1889     | 2078     | 2006     | 5.09   | cps   |
| Lead       | 208-1 | 9079     | 8824     | 8935     | 8946     | 1.43   | cps   |
| Lithium    | 6-1   | 4009063  | 4005215  | 4254207  | 4089495  | 3.49   | cps   |
| Magnesium  | 24-2  | 4793     | 4968     | 5218     | 4993     | 4.28   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB25               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB25               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 13:53:29 | DataFile Name :   | 031CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Manganese  | 55-2  | 377      | 347      | 413      | 379      | 8.81    | cps   |
| Molybdenum | 94-1  | 1600     | 1625     | 1300     | 1508     | 11.99   | cps   |
| Molybdenum | 95-1  | 1942     | 1700     | 1533     | 1725     | 11.90   | cps   |
| Molybdenum | 96-1  | 1942     | 1917     | 1859     | 1906     | 2.24    | cps   |
| Molybdenum | 97-1  | 1217     | 1033     | 1242     | 1164     | 9.78    | cps   |
| Molybdenum | 98-1  | 3025     | 2800     | 2625     | 2817     | 7.12    | cps   |
| Neodymium  | 150-1 | 7        | 7        | 0        | 4        | 86.60   | cps   |
| Neodymium  | 150-2 | 0        | 7        | 3        | 3        | 100.05  | cps   |
| Nickel     | 60-2  | 113      | 120      | 93       | 109      | 12.74   | cps   |
| Phosphorus | 31-2  | 192      | 242      | 275      | 236      | 17.76   | cps   |
| Potassium  | 39-2  | 18170    | 17161    | 18721    | 18017    | 4.39    | cps   |
| Rhodium    | 103-1 | 8074980  | 8162302  | 8737342  | 8324875  | 4.32    | cps   |
| Rhodium    | 103-2 | 3545109  | 3615386  | 3623273  | 3594589  | 1.20    | cps   |
| Scandium   | 45-1  | 6122884  | 6125918  | 6595560  | 6281454  | 4.33    | cps   |
| Scandium   | 45-2  | 232129   | 236131   | 237429   | 235230   | 1.17    | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21  | cps   |
| Selenium   | 78-2  | 37       | 56       | 52       | 48       | 20.35   | cps   |
| Selenium   | 82-1  | 24       | 19       | -36      | 2        | 1358.65 | cps   |
| Silicon    | 28-1  | 218161   | 215293   | 214524   | 215993   | 0.89    | cps   |
| Silver     | 109-1 | 600      | 667      | 642      | 636      | 5.29    | cps   |
| Silver     | 107-1 | 483      | 675      | 642      | 600      | 17.07   | cps   |
| Sodium     | 23-2  | 23119    | 23194    | 23703    | 23338    | 1.36    | cps   |
| Strontium  | 86-1  | 858      | 675      | 775      | 770      | 11.93   | cps   |
| Strontium  | 88-1  | 1042     | 1067     | 1125     | 1078     | 3.97    | cps   |
| Sulfur     | 34-1  | 364982   | 366808   | 369284   | 367025   | 0.59    | cps   |
| Terbium    | 159-1 | 11325634 | 11314340 | 12107332 | 11582435 | 3.92    | cps   |
| Terbium    | 159-2 | 5368966  | 5484551  | 5469927  | 5441148  | 1.16    | cps   |
| Thallium   | 203-1 | 1092     | 1158     | 1283     | 1178     | 8.26    | cps   |
| Thallium   | 205-1 | 2867     | 2542     | 2759     | 2723     | 6.08    | cps   |
| Thorium    | 232-1 | 1878     | 1800     | 1828     | 1835     | 2.15    | cps   |
| Tin        | 118-1 | 1025     | 1100     | 1175     | 1100     | 6.82    | cps   |
| Titanium   | 47-1  | 342      | 367      | 342      | 350      | 4.12    | cps   |
| Uranium    | 238-1 | 1467     | 1108     | 1225     | 1267     | 14.43   | cps   |
| Vanadium   | 51-2  | 73       | 77       | 110      | 87       | 23.40   | cps   |
| Yttrium    | 89-1  | 9150949  | 9219324  | 9895623  | 9421965  | 4.37    | cps   |
| Yttrium    | 89-2  | 1196589  | 1201327  | 1209904  | 1202607  | 0.56    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB25               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB25               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 13:53:29 | DataFile Name :   | 031CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zinc      | 66-2 | 250  | 250  | 223  | 241     | 6.39   | cps   |
| Zirconium | 90-1 | 1250 | 1433 | 1283 | 1322    | 7.39   | cps   |
| Zirconium | 91-1 | 250  | 333  | 233  | 272     | 19.68  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-1218-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 13:57:20 | DataFile Name :   | 032SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 12679189  | 12826240  | 12877608  | 12794346  | 0.80   | cps   |
| Antimony   | 121-1 | 3367      | 3367      | 3392      | 3376      | 0.43   | cps   |
| Arsenic    | 75-2  | 13391     | 13102     | 13375     | 13289     | 1.22   | cps   |
| Barium     | 135-1 | 3731024   | 3777332   | 3752726   | 3753694   | 0.62   | cps   |
| Barium     | 137-1 | 6654127   | 6697883   | 6686464   | 6679492   | 0.34   | cps   |
| Beryllium  | 9-1   | 19457     | 19257     | 19847     | 19520     | 1.54   | cps   |
| Bismuth    | 209-1 | 6938451   | 7058646   | 7019526   | 7005541   | 0.88   | cps   |
| Bismuth    | 209-2 | 3988096   | 4025298   | 4087787   | 4033727   | 1.25   | cps   |
| Boron      | 10-1  | 10854     | 11196     | 10379     | 10810     | 3.80   | cps   |
| Boron      | 11-1  | 45828     | 46280     | 46188     | 46099     | 0.52   | cps   |
| Cadmium    | 111-1 | 7063      | 6926      | 6953      | 6981      | 1.04   | cps   |
| Cadmium    | 106-1 | 6477      | 6468      | 6127      | 6357      | 3.14   | cps   |
| Cadmium    | 108-1 | 721       | 783       | 700       | 735       | 5.90   | cps   |
| Calcium    | 43-1  | 543049    | 547895    | 547165    | 546036    | 0.48   | cps   |
| Calcium    | 44-1  | 8791887   | 8863331   | 8858230   | 8837816   | 0.45   | cps   |
| Chromium   | 52-2  | 369112    | 374808    | 374141    | 372687    | 0.84   | cps   |
| Cobalt     | 59-2  | 362631    | 368491    | 364523    | 365215    | 0.82   | cps   |
| Copper     | 63-2  | 594830    | 602362    | 601238    | 599477    | 0.68   | cps   |
| Dysprosium | 156-1 | 253281    | 254788    | 252480    | 253516    | 0.46   | cps   |
| Dysprosium | 156-2 | 127487    | 127684    | 128691    | 127954    | 0.50   | cps   |
| Erbium     | 164-1 | 216910    | 217968    | 218182    | 217687    | 0.31   | cps   |
| Erbium     | 164-2 | 109478    | 109929    | 110170    | 109859    | 0.32   | cps   |
| Gadolinium | 160-1 | 234250    | 237933    | 237449    | 236544    | 0.85   | cps   |
| Gadolinium | 160-2 | 135256    | 134627    | 135869    | 135251    | 0.46   | cps   |
| Holmium    | 165-1 | 10579124  | 10832144  | 10726163  | 10712477  | 1.19   | cps   |
| Holmium    | 165-2 | 5505606   | 5563784   | 5644820   | 5571403   | 1.25   | cps   |
| Indium     | 115-1 | 8208790   | 8266110   | 8258247   | 8244382   | 0.38   | cps   |
| Indium     | 115-2 | 1535119   | 1540711   | 1579536   | 1551788   | 1.56   | cps   |
| Iron       | 56-2  | 501769345 | 505450678 | 506680367 | 504633463 | 0.51   | cps   |
| Iron       | 57-2  | 12216898  | 12319104  | 12351280  | 12295760  | 0.57   | cps   |
| Krypton    | 83-1  | 657       | 660       | 670       | 662       | 1.05   | cps   |
| Lead       | 206-1 | 14502357  | 14590875  | 14685478  | 14592903  | 0.63   | cps   |
| Lead       | 207-1 | 12149730  | 12173701  | 12301310  | 12208247  | 0.67   | cps   |
| Lead       | 208-1 | 56309775  | 56877837  | 57139817  | 56775810  | 0.75   | cps   |
| Lithium    | 6-1   | 3919891   | 3975569   | 3964666   | 3953375   | 0.75   | cps   |
| Magnesium  | 24-2  | 9329322   | 9425556   | 9471951   | 9408943   | 0.77   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-1218-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 13:57:20 | DataFile Name :   | 032SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 11214839 | 11277730 | 11312128 | 11268232 | 0.44   | cps   |
| Molybdenum | 94-1  | 129575   | 132980   | 130886   | 131147   | 1.31   | cps   |
| Molybdenum | 95-1  | 25173    | 25858    | 25499    | 25510    | 1.34   | cps   |
| Molybdenum | 96-1  | 55810    | 55484    | 55400    | 55565    | 0.39   | cps   |
| Molybdenum | 97-1  | 15384    | 16110    | 14691    | 15395    | 4.61   | cps   |
| Molybdenum | 98-1  | 39405    | 38745    | 39097    | 39082    | 0.84   | cps   |
| Neodymium  | 150-1 | 278392   | 277867   | 279480   | 278580   | 0.30   | cps   |
| Neodymium  | 150-2 | 110180   | 110144   | 111329   | 110551   | 0.61   | cps   |
| Nickel     | 60-2  | 186730   | 190648   | 190105   | 189161   | 1.12   | cps   |
| Phosphorus | 31-2  | 20882    | 21525    | 21291    | 21233    | 1.53   | cps   |
| Potassium  | 39-2  | 881719   | 888876   | 884355   | 884984   | 0.41   | cps   |
| Rhodium    | 103-1 | 7333130  | 7415950  | 7361540  | 7370207  | 0.57   | cps   |
| Rhodium    | 103-2 | 3288902  | 3312480  | 3371962  | 3324448  | 1.29   | cps   |
| Scandium   | 45-1  | 6411654  | 6430129  | 6392112  | 6411298  | 0.30   | cps   |
| Scandium   | 45-2  | 247113   | 250008   | 253499   | 250207   | 1.28   | cps   |
| Selenium   | 77-2  | 570      | 577      | 610      | 586      | 3.66   | cps   |
| Selenium   | 78-2  | 498      | 465      | 489      | 484      | 3.55   | cps   |
| Selenium   | 82-1  | 971      | 924      | 928      | 941      | 2.75   | cps   |
| Silicon    | 28-1  | 60225047 | 61113949 | 60955374 | 60764790 | 0.78   | cps   |
| Silver     | 109-1 | 8837     | 8761     | 8903     | 8834     | 0.80   | cps   |
| Silver     | 107-1 | 9212     | 9303     | 9153     | 9223     | 0.82   | cps   |
| Sodium     | 23-2  | 350713   | 354817   | 359705   | 355078   | 1.27   | cps   |
| Strontium  | 86-1  | 364116   | 370724   | 368942   | 367928   | 0.93   | cps   |
| Strontium  | 88-1  | 3127803  | 3187628  | 3158627  | 3158019  | 0.95   | cps   |
| Sulfur     | 34-1  | 503585   | 496289   | 489081   | 496318   | 1.46   | cps   |
| Terbium    | 159-1 | 10830083 | 10974689 | 11000188 | 10934987 | 0.84   | cps   |
| Terbium    | 159-2 | 5367157  | 5420315  | 5530696  | 5439390  | 1.53   | cps   |
| Thallium   | 203-1 | 10096    | 8461     | 9279     | 9279     | 8.81   | cps   |
| Thallium   | 205-1 | 22453    | 22478    | 22520    | 22484    | 0.15   | cps   |
| Thorium    | 232-1 | 827961   | 823987   | 825624   | 825857   | 0.24   | cps   |
| Tin        | 118-1 | 17019    | 16886    | 17053    | 16986    | 0.52   | cps   |
| Titanium   | 47-1  | 285132   | 283254   | 282780   | 283722   | 0.44   | cps   |
| Uranium    | 238-1 | 108777   | 109600   | 110038   | 109472   | 0.58   | cps   |
| Vanadium   | 51-2  | 350406   | 352128   | 354950   | 352495   | 0.65   | cps   |
| Yttrium    | 89-1  | 11584524 | 11756284 | 11722119 | 11687642 | 0.78   | cps   |
| Yttrium    | 89-2  | 1544020  | 1560482  | 1590019  | 1564840  | 1.49   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-03            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-1218-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 13:57:20 | DataFile Name :   | 032SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 302772 | 303901 | 304847 | 303840  | 0.34   | cps   |
| Zirconium | 90-1 | 316736 | 313439 | 314332 | 314836  | 0.54   | cps   |
| Zirconium | 91-1 | 72342  | 71722  | 69419  | 71161   | 2.16   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-1824-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:00:56 | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 13342110  | 13354444  | 13354045  | 13350200  | 0.05   | cps   |
| Antimony   | 121-1 | 1625      | 1700      | 1642      | 1656      | 2.38   | cps   |
| Arsenic    | 75-2  | 12098     | 12253     | 12268     | 12206     | 0.77   | cps   |
| Barium     | 135-1 | 2805336   | 2833239   | 2840677   | 2826417   | 0.66   | cps   |
| Barium     | 137-1 | 4976382   | 5025299   | 5023548   | 5008409   | 0.55   | cps   |
| Beryllium  | 9-1   | 18217     | 17694     | 18562     | 18158     | 2.41   | cps   |
| Bismuth    | 209-1 | 6832888   | 6983893   | 6989039   | 6935273   | 1.28   | cps   |
| Bismuth    | 209-2 | 3925164   | 3975862   | 3980159   | 3960395   | 0.77   | cps   |
| Boron      | 10-1  | 6785      | 6768      | 6827      | 6793      | 0.44   | cps   |
| Boron      | 11-1  | 31492     | 31291     | 31601     | 31461     | 0.50   | cps   |
| Cadmium    | 111-1 | 5446      | 6137      | 5733      | 5772      | 6.01   | cps   |
| Cadmium    | 106-1 | 5843      | 6210      | 5876      | 5977      | 3.39   | cps   |
| Cadmium    | 108-1 | 658       | 633       | 704       | 665       | 5.40   | cps   |
| Calcium    | 43-1  | 241239    | 242931    | 243176    | 242449    | 0.44   | cps   |
| Calcium    | 44-1  | 3884919   | 3924771   | 3963249   | 3924313   | 1.00   | cps   |
| Chromium   | 52-2  | 358937    | 362562    | 362345    | 361281    | 0.56   | cps   |
| Cobalt     | 59-2  | 443208    | 444544    | 450211    | 445988    | 0.83   | cps   |
| Copper     | 63-2  | 465082    | 471127    | 469064    | 468425    | 0.66   | cps   |
| Dysprosium | 156-1 | 171833    | 175807    | 175723    | 174454    | 1.30   | cps   |
| Dysprosium | 156-2 | 85846     | 87107     | 86464     | 86472     | 0.73   | cps   |
| Erbium     | 164-1 | 150911    | 150944    | 151232    | 151029    | 0.12   | cps   |
| Erbium     | 164-2 | 75176     | 77097     | 76023     | 76099     | 1.26   | cps   |
| Gadolinium | 160-1 | 153907    | 156814    | 155526    | 155416    | 0.94   | cps   |
| Gadolinium | 160-2 | 88329     | 88577     | 88910     | 88605     | 0.33   | cps   |
| Holmium    | 165-1 | 10424068  | 10660571  | 10628098  | 10570912  | 1.21   | cps   |
| Holmium    | 165-2 | 5419248   | 5473622   | 5463854   | 5452241   | 0.53   | cps   |
| Indium     | 115-1 | 8098676   | 8185667   | 8212308   | 8165551   | 0.73   | cps   |
| Indium     | 115-2 | 1517619   | 1530128   | 1535946   | 1527898   | 0.61   | cps   |
| Iron       | 56-2  | 535161945 | 533697256 | 532002567 | 533620590 | 0.30   | cps   |
| Iron       | 57-2  | 13042048  | 13001530  | 13130429  | 13058002  | 0.50   | cps   |
| Krypton    | 83-1  | 623       | 577       | 607       | 602       | 3.93   | cps   |
| Lead       | 206-1 | 4388732   | 4457983   | 4461552   | 4436089   | 0.93   | cps   |
| Lead       | 207-1 | 3653494   | 3752570   | 3745271   | 3717112   | 1.49   | cps   |
| Lead       | 208-1 | 17261393  | 17643340  | 17610984  | 17505239  | 1.21   | cps   |
| Lithium    | 6-1   | 3854365   | 3928513   | 3944555   | 3909144   | 1.23   | cps   |
| Magnesium  | 24-2  | 9613719   | 9630712   | 9587259   | 9610563   | 0.23   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-1824-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:00:56 | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 9528770  | 9515162  | 9524719  | 9522884  | 0.07   | cps   |
| Molybdenum | 94-1  | 135790   | 135041   | 135731   | 135521   | 0.31   | cps   |
| Molybdenum | 95-1  | 17737    | 17403    | 17369    | 17503    | 1.16   | cps   |
| Molybdenum | 96-1  | 50106    | 50315    | 50833    | 50418    | 0.74   | cps   |
| Molybdenum | 97-1  | 10463    | 10288    | 10729    | 10493    | 2.12   | cps   |
| Molybdenum | 98-1  | 26283    | 27302    | 26659    | 26748    | 1.93   | cps   |
| Neodymium  | 150-1 | 191632   | 193171   | 193285   | 192696   | 0.48   | cps   |
| Neodymium  | 150-2 | 75617    | 75894    | 76230    | 75914    | 0.40   | cps   |
| Nickel     | 60-2  | 198963   | 201379   | 201051   | 200464   | 0.65   | cps   |
| Phosphorus | 31-2  | 18746    | 18120    | 17594    | 18153    | 3.18   | cps   |
| Potassium  | 39-2  | 718170   | 715034   | 721820   | 718341   | 0.47   | cps   |
| Rhodium    | 103-1 | 7200004  | 7253387  | 7268737  | 7240710  | 0.50   | cps   |
| Rhodium    | 103-2 | 3226714  | 3252094  | 3287049  | 3255286  | 0.93   | cps   |
| Scandium   | 45-1  | 6171608  | 6206516  | 6244958  | 6207694  | 0.59   | cps   |
| Scandium   | 45-2  | 239769   | 241919   | 242315   | 241335   | 0.57   | cps   |
| Selenium   | 77-2  | 377      | 367      | 353      | 366      | 3.20   | cps   |
| Selenium   | 78-2  | 317      | 291      | 343      | 317      | 8.19   | cps   |
| Selenium   | 82-1  | 475      | 633      | 617      | 575      | 15.08  | cps   |
| Silicon    | 28-1  | 56029418 | 56632210 | 57017464 | 56559697 | 0.88   | cps   |
| Silver     | 109-1 | 4609     | 4818     | 4526     | 4651     | 3.23   | cps   |
| Silver     | 107-1 | 5285     | 5510     | 4534     | 5109     | 10.00  | cps   |
| Sodium     | 23-2  | 369045   | 370931   | 373589   | 371188   | 0.62   | cps   |
| Strontium  | 86-1  | 174286   | 175912   | 178464   | 176221   | 1.20   | cps   |
| Strontium  | 88-1  | 1499267  | 1507237  | 1519232  | 1508579  | 0.67   | cps   |
| Sulfur     | 34-1  | 381725   | 382971   | 383706   | 382801   | 0.26   | cps   |
| Terbium    | 159-1 | 10670304 | 10869147 | 10814636 | 10784696 | 0.95   | cps   |
| Terbium    | 159-2 | 5211205  | 5380671  | 5362585  | 5318154  | 1.75   | cps   |
| Thallium   | 203-1 | 8486     | 8128     | 8420     | 8345     | 2.29   | cps   |
| Thallium   | 205-1 | 19724    | 21518    | 19749    | 20330    | 5.06   | cps   |
| Thorium    | 232-1 | 791591   | 792478   | 795823   | 793297   | 0.28   | cps   |
| Tin        | 118-1 | 8686     | 8319     | 8478     | 8495     | 2.17   | cps   |
| Titanium   | 47-1  | 245832   | 246196   | 248356   | 246795   | 0.55   | cps   |
| Uranium    | 238-1 | 88818    | 89037    | 89247    | 89034    | 0.24   | cps   |
| Vanadium   | 51-2  | 324520   | 326227   | 326233   | 325660   | 0.30   | cps   |
| Yttrium    | 89-1  | 10556286 | 10699756 | 10682987 | 10646343 | 0.74   | cps   |
| Yttrium    | 89-2  | 1401262  | 1428170  | 1427916  | 1419116  | 1.09   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-1824-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:00:56 | DataFile Name :   | 033SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 274243 | 275431 | 274225 | 274633  | 0.25   | cps   |
| Zirconium | 90-1 | 344490 | 343234 | 344359 | 344028  | 0.20   | cps   |
| Zirconium | 91-1 | 76605  | 74645  | 78272  | 76508   | 2.37   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-05            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS013-0006-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:04:32 | DataFile Name :   | 034SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 9682435   | 9711561   | 9609503   | 9667833   | 0.54   | cps   |
| Antimony   | 121-1 | 3892      | 3992      | 4559      | 4148      | 8.67   | cps   |
| Arsenic    | 75-2  | 13705     | 13349     | 13896     | 13650     | 2.03   | cps   |
| Barium     | 135-1 | 3384378   | 3400280   | 3411055   | 3398571   | 0.39   | cps   |
| Barium     | 137-1 | 5973345   | 6002746   | 6012496   | 5996196   | 0.34   | cps   |
| Beryllium  | 9-1   | 15430     | 15469     | 15202     | 15367     | 0.94   | cps   |
| Bismuth    | 209-1 | 6956490   | 6998180   | 7119585   | 7024752   | 1.21   | cps   |
| Bismuth    | 209-2 | 4011185   | 4038534   | 4022097   | 4023939   | 0.34   | cps   |
| Boron      | 10-1  | 10279     | 10371     | 10237     | 10296     | 0.66   | cps   |
| Boron      | 11-1  | 44450     | 45202     | 45452     | 45035     | 1.16   | cps   |
| Cadmium    | 111-1 | 11862     | 11437     | 11213     | 11504     | 2.87   | cps   |
| Cadmium    | 106-1 | 7085      | 6719      | 6610      | 6805      | 3.66   | cps   |
| Cadmium    | 108-1 | 946       | 925       | 1071      | 981       | 8.04   | cps   |
| Calcium    | 43-1  | 1022017   | 1029479   | 1024148   | 1025215   | 0.37   | cps   |
| Calcium    | 44-1  | 16435420  | 16585439  | 16634508  | 16551789  | 0.63   | cps   |
| Chromium   | 52-2  | 283554    | 281066    | 282925    | 282515    | 0.46   | cps   |
| Cobalt     | 59-2  | 298083    | 295468    | 295672    | 296408    | 0.49   | cps   |
| Copper     | 63-2  | 700836    | 699496    | 703271    | 701201    | 0.27   | cps   |
| Dysprosium | 156-1 | 208081    | 209454    | 207917    | 208484    | 0.40   | cps   |
| Dysprosium | 156-2 | 103034    | 104720    | 104333    | 104029    | 0.85   | cps   |
| Erbium     | 164-1 | 180616    | 180718    | 181425    | 180919    | 0.24   | cps   |
| Erbium     | 164-2 | 90078     | 90293     | 91981     | 90784     | 1.15   | cps   |
| Gadolinium | 160-1 | 199139    | 202410    | 201177    | 200908    | 0.82   | cps   |
| Gadolinium | 160-2 | 113855    | 114786    | 114016    | 114219    | 0.44   | cps   |
| Holmium    | 165-1 | 10508334  | 10642937  | 10871871  | 10674381  | 1.72   | cps   |
| Holmium    | 165-2 | 5501690   | 5552204   | 5508942   | 5520946   | 0.49   | cps   |
| Indium     | 115-1 | 8254261   | 8297573   | 8453723   | 8335186   | 1.26   | cps   |
| Indium     | 115-2 | 1551999   | 1551764   | 1539832   | 1547865   | 0.45   | cps   |
| Iron       | 56-2  | 408193387 | 402513676 | 406975431 | 405894165 | 0.74   | cps   |
| Iron       | 57-2  | 9921083   | 9944247   | 9971041   | 9945457   | 0.25   | cps   |
| Krypton    | 83-1  | 613       | 667       | 657       | 646       | 4.39   | cps   |
| Lead       | 206-1 | 5628792   | 5694096   | 5695111   | 5672666   | 0.67   | cps   |
| Lead       | 207-1 | 4820726   | 4827599   | 4880152   | 4842826   | 0.67   | cps   |
| Lead       | 208-1 | 22553473  | 22554555  | 22783183  | 22630404  | 0.58   | cps   |
| Lithium    | 6-1   | 3810357   | 3849854   | 3918652   | 3859621   | 1.42   | cps   |
| Magnesium  | 24-2  | 7309532   | 7238860   | 7259227   | 7269207   | 0.50   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-05            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS013-0006-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:04:32 | DataFile Name :   | 034SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 14864826 | 14755008 | 14878761 | 14832865 | 0.46   | cps   |
| Molybdenum | 94-1  | 128624   | 127423   | 128188   | 128078   | 0.47   | cps   |
| Molybdenum | 95-1  | 24155    | 24497    | 24447    | 24366    | 0.76   | cps   |
| Molybdenum | 96-1  | 53134    | 54111    | 52054    | 53100    | 1.94   | cps   |
| Molybdenum | 97-1  | 15142    | 15084    | 15434    | 15220    | 1.23   | cps   |
| Molybdenum | 98-1  | 38261    | 39414    | 38921    | 38865    | 1.49   | cps   |
| Neodymium  | 150-1 | 221828   | 226103   | 221990   | 223307   | 1.08   | cps   |
| Neodymium  | 150-2 | 86909    | 87091    | 87824    | 87275    | 0.56   | cps   |
| Nickel     | 60-2  | 156723   | 156596   | 157185   | 156835   | 0.20   | cps   |
| Phosphorus | 31-2  | 26024    | 25890    | 26374    | 26096    | 0.96   | cps   |
| Potassium  | 39-2  | 935210   | 937634   | 943790   | 938878   | 0.47   | cps   |
| Rhodium    | 103-1 | 7278013  | 7381072  | 7512367  | 7390484  | 1.59   | cps   |
| Rhodium    | 103-2 | 3322126  | 3343738  | 3292399  | 3319421  | 0.78   | cps   |
| Scandium   | 45-1  | 6265391  | 6321127  | 6422841  | 6336453  | 1.26   | cps   |
| Scandium   | 45-2  | 244647   | 244212   | 240060   | 242973   | 1.04   | cps   |
| Selenium   | 77-2  | 433      | 440      | 467      | 447      | 3.95   | cps   |
| Selenium   | 78-2  | 456      | 450      | 419      | 441      | 4.53   | cps   |
| Selenium   | 82-1  | 845      | 956      | 895      | 899      | 6.18   | cps   |
| Silicon    | 28-1  | 54060005 | 54883793 | 55218676 | 54720825 | 1.09   | cps   |
| Silver     | 109-1 | 5243     | 4818     | 5018     | 5026     | 4.23   | cps   |
| Silver     | 107-1 | 5393     | 4884     | 5501     | 5260     | 6.26   | cps   |
| Sodium     | 23-2  | 289168   | 282991   | 286666   | 286275   | 1.09   | cps   |
| Strontium  | 86-1  | 430909   | 431528   | 432225   | 431554   | 0.15   | cps   |
| Strontium  | 88-1  | 3703391  | 3733558  | 3718150  | 3718366  | 0.41   | cps   |
| Sulfur     | 34-1  | 622370   | 622990   | 624435   | 623265   | 0.17   | cps   |
| Terbium    | 159-1 | 10880733 | 10955744 | 11052856 | 10963111 | 0.79   | cps   |
| Terbium    | 159-2 | 5400490  | 5404430  | 5377490  | 5394136  | 0.27   | cps   |
| Thallium   | 203-1 | 5543     | 5576     | 5718     | 5613     | 1.66   | cps   |
| Thallium   | 205-1 | 13040    | 14066    | 13975    | 13694    | 4.15   | cps   |
| Thorium    | 232-1 | 605160   | 612230   | 609935   | 609108   | 0.59   | cps   |
| Tin        | 118-1 | 24038    | 25090    | 24439    | 24522    | 2.16   | cps   |
| Titanium   | 47-1  | 277615   | 279448   | 278600   | 278554   | 0.33   | cps   |
| Uranium    | 238-1 | 107542   | 106239   | 107465   | 107082   | 0.68   | cps   |
| Vanadium   | 51-2  | 271667   | 270449   | 269288   | 270468   | 0.44   | cps   |
| Yttrium    | 89-1  | 10988594 | 11185667 | 11283271 | 11152510 | 1.35   | cps   |
| Yttrium    | 89-2  | 1484360  | 1482054  | 1481884  | 1482766  | 0.09   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-05            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS013-0006-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:04:32 | DataFile Name :   | 034SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 268289 | 264989 | 266708 | 266662  | 0.62   | cps   |
| Zirconium | 90-1 | 307962 | 309332 | 308032 | 308442  | 0.25   | cps   |
| Zirconium | 91-1 | 69059  | 69704  | 69846  | 69536   | 0.60   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-06            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS013-0612-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:08:08 | DataFile Name :   | 035SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 12764700  | 12818038  | 12860289  | 12814342  | 0.37   | cps   |
| Antimony   | 121-1 | 3509      | 2959      | 2967      | 3145      | 10.02  | cps   |
| Arsenic    | 75-2  | 19025     | 19372     | 19367     | 19255     | 1.03   | cps   |
| Barium     | 135-1 | 3517292   | 3534737   | 3513821   | 3521950   | 0.32   | cps   |
| Barium     | 137-1 | 6248548   | 6235840   | 6227737   | 6237375   | 0.17   | cps   |
| Beryllium  | 9-1   | 18818     | 19786     | 19023     | 19209     | 2.65   | cps   |
| Bismuth    | 209-1 | 6872185   | 6989477   | 6852988   | 6904884   | 1.07   | cps   |
| Bismuth    | 209-2 | 3891942   | 3995408   | 3761820   | 3883057   | 3.01   | cps   |
| Boron      | 10-1  | 7302      | 7402      | 7352      | 7352      | 0.68   | cps   |
| Boron      | 11-1  | 32903     | 33413     | 33530     | 33282     | 1.00   | cps   |
| Cadmium    | 111-1 | 9018      | 9164      | 8532      | 8904      | 3.71   | cps   |
| Cadmium    | 106-1 | 6994      | 7319      | 6802      | 7038      | 3.71   | cps   |
| Cadmium    | 108-1 | 946       | 938       | 983       | 956       | 2.56   | cps   |
| Calcium    | 43-1  | 705464    | 710749    | 703062    | 706425    | 0.56   | cps   |
| Calcium    | 44-1  | 11389752  | 11468855  | 11538447  | 11465685  | 0.65   | cps   |
| Chromium   | 52-2  | 364660    | 364215    | 366516    | 365130    | 0.33   | cps   |
| Cobalt     | 59-2  | 383304    | 383482    | 384541    | 383776    | 0.17   | cps   |
| Copper     | 63-2  | 769207    | 775053    | 774897    | 773052    | 0.43   | cps   |
| Dysprosium | 156-1 | 237307    | 233620    | 229086    | 233337    | 1.76   | cps   |
| Dysprosium | 156-2 | 117435    | 117807    | 120017    | 118420    | 1.18   | cps   |
| Erbium     | 164-1 | 206815    | 207948    | 206349    | 207037    | 0.40   | cps   |
| Erbium     | 164-2 | 106085    | 105705    | 105517    | 105769    | 0.27   | cps   |
| Gadolinium | 160-1 | 218276    | 218190    | 218929    | 218465    | 0.18   | cps   |
| Gadolinium | 160-2 | 126117    | 125408    | 128027    | 126517    | 1.07   | cps   |
| Holmium    | 165-1 | 10645768  | 10502968  | 10524602  | 10557779  | 0.73   | cps   |
| Holmium    | 165-2 | 5418475   | 5543025   | 5236649   | 5399383   | 2.85   | cps   |
| Indium     | 115-1 | 8110040   | 8142025   | 8178352   | 8143472   | 0.42   | cps   |
| Indium     | 115-2 | 1524136   | 1558397   | 1451798   | 1511444   | 3.60   | cps   |
| Iron       | 56-2  | 540191145 | 543014912 | 545692346 | 542966134 | 0.51   | cps   |
| Iron       | 57-2  | 13255657  | 13180741  | 13385440  | 13273946  | 0.78   | cps   |
| Krypton    | 83-1  | 650       | 713       | 640       | 668       | 5.96   | cps   |
| Lead       | 206-1 | 6377016   | 6321665   | 6335175   | 6344619   | 0.45   | cps   |
| Lead       | 207-1 | 5444641   | 5451914   | 5444610   | 5447055   | 0.08   | cps   |
| Lead       | 208-1 | 25397992  | 25439613  | 25375694  | 25404433  | 0.13   | cps   |
| Lithium    | 6-1   | 3769352   | 3798758   | 3811070   | 3793060   | 0.57   | cps   |
| Magnesium  | 24-2  | 8961310   | 9021893   | 8985958   | 8989720   | 0.34   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-06            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS013-0612-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:08:08 | DataFile Name :   | 035SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 13189697 | 13217971 | 13313984 | 13240551 | 0.49   | cps   |
| Molybdenum | 94-1  | 177631   | 174783   | 175532   | 175982   | 0.84   | cps   |
| Molybdenum | 95-1  | 25599    | 25882    | 25782    | 25755    | 0.56   | cps   |
| Molybdenum | 96-1  | 65334    | 65569    | 66054    | 65652    | 0.56   | cps   |
| Molybdenum | 97-1  | 16343    | 15759    | 15818    | 15973    | 2.01   | cps   |
| Molybdenum | 98-1  | 40358    | 40584    | 39363    | 40102    | 1.62   | cps   |
| Neodymium  | 150-1 | 254617   | 254309   | 252872   | 253932   | 0.37   | cps   |
| Neodymium  | 150-2 | 101719   | 101871   | 101769   | 101786   | 0.08   | cps   |
| Nickel     | 60-2  | 194654   | 196387   | 197521   | 196187   | 0.74   | cps   |
| Phosphorus | 31-2  | 23486    | 23511    | 22994    | 23330    | 1.25   | cps   |
| Potassium  | 39-2  | 866989   | 868268   | 878067   | 871108   | 0.70   | cps   |
| Rhodium    | 103-1 | 7199658  | 7232962  | 7215922  | 7216181  | 0.23   | cps   |
| Rhodium    | 103-2 | 3239336  | 3291660  | 3107124  | 3212707  | 2.96   | cps   |
| Scandium   | 45-1  | 6363767  | 6389703  | 6433963  | 6395811  | 0.55   | cps   |
| Scandium   | 45-2  | 245334   | 249701   | 233407   | 242814   | 3.47   | cps   |
| Selenium   | 77-2  | 563      | 497      | 570      | 543      | 7.46   | cps   |
| Selenium   | 78-2  | 472      | 476      | 459      | 469      | 1.87   | cps   |
| Selenium   | 82-1  | 929      | 941      | 1014     | 962      | 4.80   | cps   |
| Silicon    | 28-1  | 57559693 | 58189414 | 57918287 | 57889131 | 0.55   | cps   |
| Silver     | 109-1 | 6260     | 5685     | 6327     | 6090     | 5.80   | cps   |
| Silver     | 107-1 | 6435     | 6860     | 6710     | 6669     | 3.23   | cps   |
| Sodium     | 23-2  | 337414   | 342954   | 341500   | 340623   | 0.84   | cps   |
| Strontium  | 86-1  | 321612   | 319905   | 321661   | 321059   | 0.31   | cps   |
| Strontium  | 88-1  | 2768889  | 2771544  | 2765078  | 2768504  | 0.12   | cps   |
| Sulfur     | 34-1  | 494970   | 494388   | 492643   | 494000   | 0.25   | cps   |
| Terbium    | 159-1 | 10770469 | 10845856 | 10769519 | 10795281 | 0.41   | cps   |
| Terbium    | 159-2 | 5322544  | 5383472  | 5086960  | 5264325  | 2.97   | cps   |
| Thallium   | 203-1 | 7878     | 8520     | 7886     | 8094     | 4.55   | cps   |
| Thallium   | 205-1 | 18656    | 18814    | 19065    | 18845    | 1.09   | cps   |
| Thorium    | 232-1 | 861864   | 862668   | 858808   | 861113   | 0.24   | cps   |
| Tin        | 118-1 | 22110    | 21259    | 21643    | 21670    | 1.97   | cps   |
| Titanium   | 47-1  | 269095   | 264965   | 271165   | 268408   | 1.18   | cps   |
| Uranium    | 238-1 | 124818   | 124962   | 124069   | 124616   | 0.38   | cps   |
| Vanadium   | 51-2  | 349679   | 347529   | 351112   | 349440   | 0.52   | cps   |
| Yttrium    | 89-1  | 11263002 | 11454089 | 11390216 | 11369102 | 0.86   | cps   |
| Yttrium    | 89-2  | 1500321  | 1527142  | 1462272  | 1496579  | 2.18   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-06            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS013-0612-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:08:08 | DataFile Name :   | 035SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 294088 | 293267 | 296094 | 294483  | 0.49   | cps   |
| Zirconium | 90-1 | 437979 | 443968 | 436546 | 439498  | 0.90   | cps   |
| Zirconium | 91-1 | 98328  | 99041  | 95727  | 97699   | 1.79   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-07 Instrumnet Name : P7  
 Client Sample ID : P001-SS013-1218-01 Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 14:11:44 DataFile Name : 036SMPL.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 13452218  | 13506852  | 13359765  | 13439612  | 0.55   | cps   |
| Antimony   | 121-1 | 4651      | 4518      | 4601      | 4590      | 1.47   | cps   |
| Arsenic    | 75-2  | 19257     | 19305     | 19255     | 19273     | 0.15   | cps   |
| Barium     | 135-1 | 3638527   | 3713503   | 3682566   | 3678198   | 1.02   | cps   |
| Barium     | 137-1 | 6467455   | 6600611   | 6575611   | 6547892   | 1.08   | cps   |
| Beryllium  | 9-1   | 19730     | 20208     | 20008     | 19982     | 1.20   | cps   |
| Bismuth    | 209-1 | 7194180   | 6305263   | 6733500   | 6744314   | 6.59   | cps   |
| Bismuth    | 209-2 | 3935032   | 4050470   | 3953550   | 3979684   | 1.56   | cps   |
| Boron      | 10-1  | 6977      | 7169      | 6802      | 6982      | 2.63   | cps   |
| Boron      | 11-1  | 29596     | 30206     | 31100     | 30301     | 2.50   | cps   |
| Cadmium    | 111-1 | 8003      | 7424      | 7476      | 7634      | 4.19   | cps   |
| Cadmium    | 106-1 | 7302      | 6435      | 6418      | 6719      | 7.52   | cps   |
| Cadmium    | 108-1 | 858       | 883       | 817       | 853       | 3.95   | cps   |
| Calcium    | 43-1  | 479486    | 479689    | 485768    | 481648    | 0.74   | cps   |
| Calcium    | 44-1  | 7764647   | 7830050   | 7818457   | 7804384   | 0.45   | cps   |
| Chromium   | 52-2  | 371983    | 369676    | 372542    | 371401    | 0.41   | cps   |
| Cobalt     | 59-2  | 379034    | 382430    | 377874    | 379779    | 0.62   | cps   |
| Copper     | 63-2  | 830325    | 834953    | 832991    | 832756    | 0.28   | cps   |
| Dysprosium | 156-1 | 241910    | 251744    | 246609    | 246754    | 1.99   | cps   |
| Dysprosium | 156-2 | 122323    | 123022    | 123228    | 122858    | 0.39   | cps   |
| Erbium     | 164-1 | 219331    | 223446    | 224607    | 222461    | 1.25   | cps   |
| Erbium     | 164-2 | 113013    | 114052    | 113638    | 113568    | 0.46   | cps   |
| Gadolinium | 160-1 | 227276    | 233768    | 231805    | 230950    | 1.44   | cps   |
| Gadolinium | 160-2 | 130710    | 131124    | 130481    | 130771    | 0.25   | cps   |
| Holmium    | 165-1 | 10941021  | 9689579   | 10414100  | 10348233  | 6.07   | cps   |
| Holmium    | 165-2 | 5443687   | 5591927   | 5483933   | 5506516   | 1.39   | cps   |
| Indium     | 115-1 | 8500902   | 7426541   | 8028886   | 7985443   | 6.74   | cps   |
| Indium     | 115-2 | 1521795   | 1559500   | 1516568   | 1532621   | 1.53   | cps   |
| Iron       | 56-2  | 565640524 | 565864924 | 564133390 | 565212946 | 0.17   | cps   |
| Iron       | 57-2  | 13662683  | 13716136  | 13775111  | 13717977  | 0.41   | cps   |
| Krypton    | 83-1  | 697       | 653       | 657       | 669       | 3.61   | cps   |
| Lead       | 206-1 | 9165222   | 9232312   | 9202464   | 9199999   | 0.37   | cps   |
| Lead       | 207-1 | 7891501   | 7988023   | 7951286   | 7943604   | 0.61   | cps   |
| Lead       | 208-1 | 36257587  | 36686594  | 36611137  | 36518439  | 0.63   | cps   |
| Lithium    | 6-1   | 3918682   | 3493914   | 3721455   | 3711350   | 5.73   | cps   |
| Magnesium  | 24-2  | 8563737   | 8560888   | 8518637   | 8547754   | 0.30   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-07            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS013-1218-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:11:44 | DataFile Name :   | 036SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 15298926 | 15392326 | 15266044 | 15319099 | 0.43   | cps   |
| Molybdenum | 94-1  | 163425   | 163779   | 163755   | 163653   | 0.12   | cps   |
| Molybdenum | 95-1  | 41461    | 42606    | 42882    | 42317    | 1.78   | cps   |
| Molybdenum | 96-1  | 77259    | 80117    | 80754    | 79377    | 2.34   | cps   |
| Molybdenum | 97-1  | 25382    | 26333    | 25732    | 25816    | 1.86   | cps   |
| Molybdenum | 98-1  | 65702    | 66958    | 65644    | 66101    | 1.12   | cps   |
| Neodymium  | 150-1 | 263471   | 270792   | 266364   | 266876   | 1.38   | cps   |
| Neodymium  | 150-2 | 105903   | 105762   | 106287   | 105984   | 0.26   | cps   |
| Nickel     | 60-2  | 188680   | 189480   | 186367   | 188176   | 0.86   | cps   |
| Phosphorus | 31-2  | 24621    | 24813    | 24020    | 24485    | 1.69   | cps   |
| Potassium  | 39-2  | 775879   | 775626   | 777618   | 776374   | 0.14   | cps   |
| Rhodium    | 103-1 | 7515721  | 6612835  | 7112288  | 7080281  | 6.39   | cps   |
| Rhodium    | 103-2 | 3240177  | 3320300  | 3243819  | 3268099  | 1.38   | cps   |
| Scandium   | 45-1  | 6591829  | 5820248  | 6246639  | 6219572  | 6.21   | cps   |
| Scandium   | 45-2  | 244728   | 247675   | 239549   | 243984   | 1.69   | cps   |
| Selenium   | 77-2  | 537      | 567      | 460      | 521      | 10.56  | cps   |
| Selenium   | 78-2  | 469      | 470      | 428      | 456      | 5.28   | cps   |
| Selenium   | 82-1  | 884      | 959      | 910      | 918      | 4.17   | cps   |
| Silicon    | 28-1  | 62591814 | 62842962 | 63116022 | 62850266 | 0.42   | cps   |
| Silver     | 109-1 | 7344     | 7160     | 7060     | 7188     | 2.00   | cps   |
| Silver     | 107-1 | 7861     | 7511     | 7502     | 7625     | 2.68   | cps   |
| Sodium     | 23-2  | 281322   | 282997   | 284680   | 283000   | 0.59   | cps   |
| Strontium  | 86-1  | 235213   | 239305   | 240260   | 238259   | 1.13   | cps   |
| Strontium  | 88-1  | 2027284  | 2072959  | 2055486  | 2051910  | 1.12   | cps   |
| Sulfur     | 34-1  | 445421   | 445354   | 445329   | 445368   | 0.01   | cps   |
| Terbium    | 159-1 | 11110397 | 9935943  | 10668049 | 10571463 | 5.61   | cps   |
| Terbium    | 159-2 | 5309570  | 5458801  | 5318807  | 5362393  | 1.56   | cps   |
| Thallium   | 203-1 | 9187     | 9862     | 9821     | 9623     | 3.93   | cps   |
| Thallium   | 205-1 | 22186    | 23054    | 22595    | 22612    | 1.92   | cps   |
| Thorium    | 232-1 | 913510   | 923317   | 903300   | 913376   | 1.10   | cps   |
| Tin        | 118-1 | 79232    | 80690    | 80589    | 80170    | 1.02   | cps   |
| Titanium   | 47-1  | 263336   | 275659   | 270612   | 269869   | 2.30   | cps   |
| Uranium    | 238-1 | 114012   | 114744   | 112322   | 113693   | 1.09   | cps   |
| Vanadium   | 51-2  | 375103   | 374408   | 372944   | 374152   | 0.29   | cps   |
| Yttrium    | 89-1  | 11965809 | 10953662 | 11467419 | 11462297 | 4.42   | cps   |
| Yttrium    | 89-2  | 1544409  | 1577611  | 1537352  | 1553124  | 1.38   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-07            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS013-1218-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:11:44 | DataFile Name :   | 036SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 282128 | 285458 | 286585 | 284724  | 0.81   | cps   |
| Zirconium | 90-1 | 376631 | 380349 | 375603 | 377528  | 0.66   | cps   |
| Zirconium | 91-1 | 84457  | 84113  | 86008  | 84859   | 1.19   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-08            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS013-1824-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:15:21 | DataFile Name :   | 037SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 11442073  | 11467233  | 11460484  | 11456597  | 0.11   | cps   |
| Antimony   | 121-1 | 4701      | 4326      | 4834      | 4620      | 5.71   | cps   |
| Arsenic    | 75-2  | 50015     | 49972     | 50062     | 50016     | 0.09   | cps   |
| Barium     | 135-1 | 3573798   | 3604678   | 3587157   | 3588544   | 0.43   | cps   |
| Barium     | 137-1 | 6293447   | 6404955   | 6404737   | 6367713   | 1.01   | cps   |
| Beryllium  | 9-1   | 15514     | 15708     | 16131     | 15784     | 2.00   | cps   |
| Bismuth    | 209-1 | 6842236   | 6917513   | 6883715   | 6881155   | 0.55   | cps   |
| Bismuth    | 209-2 | 3889067   | 3910298   | 3919970   | 3906445   | 0.40   | cps   |
| Boron      | 10-1  | 6668      | 7160      | 6477      | 6768      | 5.21   | cps   |
| Boron      | 11-1  | 30674     | 31075     | 30406     | 30718     | 1.09   | cps   |
| Cadmium    | 111-1 | 8466      | 8259      | 8720      | 8482      | 2.73   | cps   |
| Cadmium    | 106-1 | 6035      | 5710      | 6177      | 5974      | 4.01   | cps   |
| Cadmium    | 108-1 | 788       | 871       | 833       | 831       | 5.03   | cps   |
| Calcium    | 43-1  | 279271    | 278057    | 280160    | 279163    | 0.38   | cps   |
| Calcium    | 44-1  | 4483427   | 4502739   | 4504802   | 4496990   | 0.26   | cps   |
| Chromium   | 52-2  | 304075    | 306125    | 307672    | 305957    | 0.59   | cps   |
| Cobalt     | 59-2  | 265744    | 265538    | 269804    | 267028    | 0.90   | cps   |
| Copper     | 63-2  | 970563    | 978852    | 982801    | 977405    | 0.64   | cps   |
| Dysprosium | 156-1 | 189029    | 189926    | 186824    | 188593    | 0.85   | cps   |
| Dysprosium | 156-2 | 92936     | 93560     | 94747     | 93748     | 0.98   | cps   |
| Erbium     | 164-1 | 159247    | 158554    | 162500    | 160100    | 1.32   | cps   |
| Erbium     | 164-2 | 80918     | 80556     | 82484     | 81319     | 1.26   | cps   |
| Gadolinium | 160-1 | 168906    | 169343    | 169094    | 169114    | 0.13   | cps   |
| Gadolinium | 160-2 | 95845     | 97148     | 97406     | 96800     | 0.86   | cps   |
| Holmium    | 165-1 | 10379408  | 10499096  | 10434092  | 10437532  | 0.57   | cps   |
| Holmium    | 165-2 | 5305831   | 5369351   | 5413986   | 5363056   | 1.01   | cps   |
| Indium     | 115-1 | 8024805   | 8146200   | 8067335   | 8079447   | 0.76   | cps   |
| Indium     | 115-2 | 1483936   | 1502029   | 1512117   | 1499361   | 0.95   | cps   |
| Iron       | 56-2  | 475310488 | 475249166 | 473736711 | 474765455 | 0.19   | cps   |
| Iron       | 57-2  | 11537729  | 11451362  | 11639745  | 11542945  | 0.82   | cps   |
| Krypton    | 83-1  | 627       | 553       | 507       | 562       | 10.76  | cps   |
| Lead       | 206-1 | 15445677  | 15773002  | 15857344  | 15692008  | 1.39   | cps   |
| Lead       | 207-1 | 13452568  | 13717663  | 13789544  | 13653258  | 1.30   | cps   |
| Lead       | 208-1 | 61777012  | 62930873  | 63129014  | 62612299  | 1.17   | cps   |
| Lithium    | 6-1   | 3689355   | 3717898   | 3679007   | 3695420   | 0.55   | cps   |
| Magnesium  | 24-2  | 7155325   | 7164438   | 7226403   | 7182055   | 0.54   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-08            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS013-1824-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:15:21 | DataFile Name :   | 037SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 7006316  | 7015229  | 7025291  | 7015612  | 0.14   | cps   |
| Molybdenum | 94-1  | 108838   | 109483   | 109929   | 109417   | 0.50   | cps   |
| Molybdenum | 95-1  | 25624    | 25482    | 26350    | 25819    | 1.80   | cps   |
| Molybdenum | 96-1  | 53685    | 54404    | 52790    | 53627    | 1.51   | cps   |
| Molybdenum | 97-1  | 15592    | 15776    | 16577    | 15982    | 3.28   | cps   |
| Molybdenum | 98-1  | 41319    | 40701    | 40826    | 40948    | 0.80   | cps   |
| Neodymium  | 150-1 | 213160   | 215724   | 214325   | 214403   | 0.60   | cps   |
| Neodymium  | 150-2 | 85074    | 85926    | 85725    | 85575    | 0.52   | cps   |
| Nickel     | 60-2  | 155212   | 154878   | 155659   | 155250   | 0.25   | cps   |
| Phosphorus | 31-2  | 26215    | 26733    | 27151    | 26700    | 1.75   | cps   |
| Potassium  | 39-2  | 723728   | 727508   | 736716   | 729317   | 0.92   | cps   |
| Rhodium    | 103-1 | 7095057  | 7249046  | 7193129  | 7179077  | 1.09   | cps   |
| Rhodium    | 103-2 | 3183232  | 3219014  | 3206031  | 3202759  | 0.57   | cps   |
| Scandium   | 45-1  | 6089049  | 6175639  | 6142912  | 6135867  | 0.71   | cps   |
| Scandium   | 45-2  | 231954   | 231947   | 233402   | 232434   | 0.36   | cps   |
| Selenium   | 77-2  | 420      | 433      | 407      | 420      | 3.17   | cps   |
| Selenium   | 78-2  | 396      | 361      | 383      | 380      | 4.68   | cps   |
| Selenium   | 82-1  | 749      | 934      | 959      | 881      | 13.05  | cps   |
| Silicon    | 28-1  | 78184702 | 80529648 | 82176408 | 80296919 | 2.50   | cps   |
| Silver     | 109-1 | 5826     | 5935     | 5751     | 5838     | 1.58   | cps   |
| Silver     | 107-1 | 6652     | 6693     | 6518     | 6621     | 1.38   | cps   |
| Sodium     | 23-2  | 330595   | 333331   | 332305   | 332077   | 0.42   | cps   |
| Strontium  | 86-1  | 157868   | 158061   | 159029   | 158319   | 0.39   | cps   |
| Strontium  | 88-1  | 1348382  | 1366638  | 1356523  | 1357181  | 0.67   | cps   |
| Sulfur     | 34-1  | 553059   | 550308   | 548852   | 550739   | 0.39   | cps   |
| Terbium    | 159-1 | 10592822 | 10807506 | 10614039 | 10671455 | 1.11   | cps   |
| Terbium    | 159-2 | 5189164  | 5258726  | 5210359  | 5219416  | 0.68   | cps   |
| Thallium   | 203-1 | 8203     | 8845     | 8578     | 8542     | 3.78   | cps   |
| Thallium   | 205-1 | 20867    | 20491    | 20433    | 20597    | 1.14   | cps   |
| Thorium    | 232-1 | 726482   | 726345   | 734313   | 729046   | 0.63   | cps   |
| Tin        | 118-1 | 216895   | 217939   | 216449   | 217094   | 0.35   | cps   |
| Titanium   | 47-1  | 269307   | 270682   | 272095   | 270695   | 0.52   | cps   |
| Uranium    | 238-1 | 95490    | 95104    | 93736    | 94777    | 0.97   | cps   |
| Vanadium   | 51-2  | 330297   | 330917   | 332452   | 331222   | 0.33   | cps   |
| Yttrium    | 89-1  | 10589273 | 10773464 | 10702114 | 10688284 | 0.87   | cps   |
| Yttrium    | 89-2  | 1398366  | 1404964  | 1424919  | 1409416  | 0.98   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-08            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS013-1824-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:15:21 | DataFile Name :   | 037SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 257325 | 259776 | 259843 | 258981  | 0.55   | cps   |
| Zirconium | 90-1 | 254907 | 259836 | 258432 | 257725  | 0.99   | cps   |
| Zirconium | 91-1 | 58412  | 58345  | 57090  | 57949   | 1.29   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-09            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS014-0006-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:18:57 | DataFile Name :   | 038SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 9216340   | 9285341   | 9307142   | 9269607   | 0.51   | cps   |
| Antimony   | 121-1 | 4726      | 4509      | 4301      | 4512      | 4.71   | cps   |
| Arsenic    | 75-2  | 11501     | 11677     | 11955     | 11711     | 1.95   | cps   |
| Barium     | 135-1 | 3022483   | 3040794   | 3067516   | 3043598   | 0.74   | cps   |
| Barium     | 137-1 | 5343693   | 5355347   | 5415964   | 5371668   | 0.72   | cps   |
| Beryllium  | 9-1   | 14285     | 14313     | 14429     | 14342     | 0.53   | cps   |
| Bismuth    | 209-1 | 6760636   | 6657021   | 7130543   | 6849400   | 3.63   | cps   |
| Bismuth    | 209-2 | 4115911   | 3998754   | 4106712   | 4073792   | 1.60   | cps   |
| Boron      | 10-1  | 6994      | 6768      | 7227      | 6996      | 3.28   | cps   |
| Boron      | 11-1  | 32394     | 31392     | 33647     | 32477     | 3.48   | cps   |
| Cadmium    | 111-1 | 11656     | 11397     | 11319     | 11457     | 1.54   | cps   |
| Cadmium    | 106-1 | 6518      | 6160      | 6085      | 6254      | 3.70   | cps   |
| Cadmium    | 108-1 | 996       | 971       | 983       | 983       | 1.27   | cps   |
| Calcium    | 43-1  | 468095    | 467601    | 473117    | 469604    | 0.65   | cps   |
| Calcium    | 44-1  | 7542281   | 7566544   | 7678376   | 7595734   | 0.96   | cps   |
| Chromium   | 52-2  | 269603    | 274315    | 272797    | 272239    | 0.88   | cps   |
| Cobalt     | 59-2  | 241293    | 243479    | 244961    | 243244    | 0.76   | cps   |
| Copper     | 63-2  | 680172    | 684100    | 686655    | 683643    | 0.48   | cps   |
| Dysprosium | 156-1 | 218635    | 219519    | 226003    | 221386    | 1.82   | cps   |
| Dysprosium | 156-2 | 114060    | 114648    | 114178    | 114295    | 0.27   | cps   |
| Erbium     | 164-1 | 195907    | 192687    | 194030    | 194208    | 0.83   | cps   |
| Erbium     | 164-2 | 98717     | 99855     | 101000    | 99858     | 1.14   | cps   |
| Gadolinium | 160-1 | 209457    | 210199    | 210127    | 209928    | 0.20   | cps   |
| Gadolinium | 160-2 | 121950    | 123074    | 122650    | 122558    | 0.46   | cps   |
| Holmium    | 165-1 | 10257650  | 10111702  | 10782690  | 10384014  | 3.40   | cps   |
| Holmium    | 165-2 | 5720006   | 5511135   | 5610325   | 5613822   | 1.86   | cps   |
| Indium     | 115-1 | 8014418   | 7805470   | 8347512   | 8055800   | 3.39   | cps   |
| Indium     | 115-2 | 1583756   | 1542302   | 1566021   | 1564026   | 1.33   | cps   |
| Iron       | 56-2  | 356246575 | 357285086 | 361480330 | 358337330 | 0.77   | cps   |
| Iron       | 57-2  | 8704734   | 8704600   | 8766755   | 8725363   | 0.41   | cps   |
| Krypton    | 83-1  | 700       | 570       | 613       | 628       | 10.54  | cps   |
| Lead       | 206-1 | 4456769   | 4483872   | 4573433   | 4504691   | 1.36   | cps   |
| Lead       | 207-1 | 3813184   | 3857801   | 3887077   | 3852688   | 0.97   | cps   |
| Lead       | 208-1 | 17856548  | 18055859  | 18267109  | 18059839  | 1.14   | cps   |
| Lithium    | 6-1   | 3574636   | 3539925   | 3780703   | 3631755   | 3.58   | cps   |
| Magnesium  | 24-2  | 5756867   | 5790879   | 5789985   | 5779243   | 0.34   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-09            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS014-0006-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:18:57 | DataFile Name :   | 038SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 13958227 | 13956659 | 14163407 | 14026098 | 0.85   | cps   |
| Molybdenum | 94-1  | 120882   | 121438   | 123993   | 122104   | 1.36   | cps   |
| Molybdenum | 95-1  | 23512    | 24180    | 24814    | 24168    | 2.69   | cps   |
| Molybdenum | 96-1  | 49245    | 49529    | 50156    | 49643    | 0.94   | cps   |
| Molybdenum | 97-1  | 15309    | 15292    | 14992    | 15198    | 1.17   | cps   |
| Molybdenum | 98-1  | 37935    | 36966    | 37367    | 37422    | 1.30   | cps   |
| Neodymium  | 150-1 | 244063   | 242455   | 247753   | 244757   | 1.11   | cps   |
| Neodymium  | 150-2 | 97785    | 99285    | 98845    | 98638    | 0.78   | cps   |
| Nickel     | 60-2  | 136925   | 137333   | 138900   | 137719   | 0.76   | cps   |
| Phosphorus | 31-2  | 25832    | 25205    | 25180    | 25406    | 1.45   | cps   |
| Potassium  | 39-2  | 773002   | 789222   | 784985   | 782403   | 1.08   | cps   |
| Rhodium    | 103-1 | 7113532  | 6943349  | 7416091  | 7157657  | 3.35   | cps   |
| Rhodium    | 103-2 | 3393802  | 3302560  | 3362487  | 3352950  | 1.38   | cps   |
| Scandium   | 45-1  | 6029512  | 5909013  | 6315971  | 6084832  | 3.44   | cps   |
| Scandium   | 45-2  | 245995   | 238405   | 244339   | 242913   | 1.64   | cps   |
| Selenium   | 77-2  | 547      | 520      | 537      | 534      | 2.52   | cps   |
| Selenium   | 78-2  | 496      | 552      | 539      | 529      | 5.49   | cps   |
| Selenium   | 82-1  | 1373     | 1535     | 1565     | 1491     | 6.92   | cps   |
| Silicon    | 28-1  | 72243404 | 71822054 | 72877937 | 72314465 | 0.74   | cps   |
| Silver     | 109-1 | 4576     | 4543     | 5018     | 4712     | 5.63   | cps   |
| Silver     | 107-1 | 5585     | 5135     | 5126     | 5282     | 4.97   | cps   |
| Sodium     | 23-2  | 379958   | 381809   | 382723   | 381497   | 0.37   | cps   |
| Strontium  | 86-1  | 276800   | 277349   | 277984   | 277378   | 0.21   | cps   |
| Strontium  | 88-1  | 2386750  | 2395619  | 2406567  | 2396312  | 0.41   | cps   |
| Sulfur     | 34-1  | 672373   | 668610   | 677528   | 672837   | 0.67   | cps   |
| Terbium    | 159-1 | 10556894 | 10362968 | 11051613 | 10657158 | 3.33   | cps   |
| Terbium    | 159-2 | 5595993  | 5373666  | 5446913  | 5472191  | 2.07   | cps   |
| Thallium   | 203-1 | 5485     | 5418     | 5668     | 5524     | 2.34   | cps   |
| Thallium   | 205-1 | 13833    | 13299    | 13733    | 13621    | 2.08   | cps   |
| Thorium    | 232-1 | 558729   | 562043   | 565789   | 562187   | 0.63   | cps   |
| Tin        | 118-1 | 17145    | 17654    | 17253    | 17350    | 1.55   | cps   |
| Titanium   | 47-1  | 362136   | 358275   | 370597   | 363669   | 1.73   | cps   |
| Uranium    | 238-1 | 150646   | 153470   | 154642   | 152919   | 1.34   | cps   |
| Vanadium   | 51-2  | 272797   | 274141   | 276440   | 274459   | 0.67   | cps   |
| Yttrium    | 89-1  | 10919883 | 10768948 | 11439871 | 11042900 | 3.19   | cps   |
| Yttrium    | 89-2  | 1520076  | 1494714  | 1525534  | 1513442  | 1.09   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-09            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS014-0006-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:18:57 | DataFile Name :   | 038SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 218360 | 220163 | 221304 | 219942  | 0.67   | cps   |
| Zirconium | 90-1 | 293332 | 293523 | 300874 | 295910  | 1.45   | cps   |
| Zirconium | 91-1 | 65124  | 66011  | 67216  | 66117   | 1.59   | cps   |



LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-10 Instrumnet Name : P7  
 Client Sample ID : P001-SS014-0612-01 Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 14:22:34 DataFile Name : 039SMPL.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 13847861  | 13854090  | 14152172  | 13951375  | 1.25   | cps   |
| Antimony   | 121-1 | 2592      | 2617      | 2517      | 2575      | 2.02   | cps   |
| Arsenic    | 75-2  | 16912     | 16865     | 17194     | 16990     | 1.05   | cps   |
| Barium     | 135-1 | 3526952   | 3514102   | 3539363   | 3526806   | 0.36   | cps   |
| Barium     | 137-1 | 6282280   | 6255963   | 6299287   | 6279177   | 0.35   | cps   |
| Beryllium  | 9-1   | 19719     | 18912     | 19980     | 19537     | 2.85   | cps   |
| Bismuth    | 209-1 | 6596196   | 6776402   | 6706714   | 6693104   | 1.36   | cps   |
| Bismuth    | 209-2 | 3876278   | 4105303   | 3937605   | 3973062   | 2.98   | cps   |
| Boron      | 10-1  | 6535      | 7144      | 6893      | 6857      | 4.46   | cps   |
| Boron      | 11-1  | 29329     | 30715     | 29964     | 30003     | 2.31   | cps   |
| Cadmium    | 111-1 | 8777      | 8874      | 8522      | 8724      | 2.08   | cps   |
| Cadmium    | 106-1 | 7060      | 7477      | 6794      | 7110      | 4.85   | cps   |
| Cadmium    | 108-1 | 1154      | 1075      | 1067      | 1099      | 4.40   | cps   |
| Calcium    | 43-1  | 186646    | 188021    | 189137    | 187935    | 0.66   | cps   |
| Calcium    | 44-1  | 3054885   | 3064711   | 3063435   | 3061010   | 0.17   | cps   |
| Chromium   | 52-2  | 375060    | 377568    | 378923    | 377184    | 0.52   | cps   |
| Cobalt     | 59-2  | 408899    | 414898    | 418012    | 413936    | 1.12   | cps   |
| Copper     | 63-2  | 701461    | 708623    | 713105    | 707730    | 0.83   | cps   |
| Dysprosium | 156-1 | 262782    | 266195    | 266909    | 265295    | 0.83   | cps   |
| Dysprosium | 156-2 | 133017    | 133715    | 134963    | 133898    | 0.74   | cps   |
| Erbium     | 164-1 | 227179    | 224525    | 231919    | 227874    | 1.64   | cps   |
| Erbium     | 164-2 | 115084    | 116354    | 117288    | 116242    | 0.95   | cps   |
| Gadolinium | 160-1 | 244788    | 246569    | 249377    | 246911    | 0.94   | cps   |
| Gadolinium | 160-2 | 140030    | 139929    | 142495    | 140818    | 1.03   | cps   |
| Holmium    | 165-1 | 10254925  | 10347290  | 10383315  | 10328510  | 0.64   | cps   |
| Holmium    | 165-2 | 5366076   | 5725909   | 5472131   | 5521372   | 3.35   | cps   |
| Indium     | 115-1 | 7904452   | 8035186   | 8026510   | 7988716   | 0.92   | cps   |
| Indium     | 115-2 | 1508059   | 1588077   | 1519622   | 1538586   | 2.81   | cps   |
| Iron       | 56-2  | 560678013 | 561132979 | 566534724 | 562781905 | 0.58   | cps   |
| Iron       | 57-2  | 13706321  | 13702500  | 13829235  | 13746019  | 0.52   | cps   |
| Krypton    | 83-1  | 663       | 720       | 660       | 681       | 4.95   | cps   |
| Lead       | 206-1 | 4309391   | 4323622   | 4392342   | 4341785   | 1.02   | cps   |
| Lead       | 207-1 | 3692423   | 3684437   | 3743576   | 3706812   | 0.87   | cps   |
| Lead       | 208-1 | 17263398  | 17340598  | 17552204  | 17385400  | 0.86   | cps   |
| Lithium    | 6-1   | 3641174   | 3684855   | 3644927   | 3656985   | 0.66   | cps   |
| Magnesium  | 24-2  | 9874362   | 9937111   | 10089709  | 9967061   | 1.11   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-10            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS014-0612-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:22:34 | DataFile Name :   | 039SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 19558737 | 19689676 | 19875802 | 19708072 | 0.81   | cps   |
| Molybdenum | 94-1  | 204646   | 203656   | 207342   | 205215   | 0.93   | cps   |
| Molybdenum | 95-1  | 21993    | 21667    | 22360    | 22007    | 1.57   | cps   |
| Molybdenum | 96-1  | 65325    | 66296    | 65836    | 65819    | 0.74   | cps   |
| Molybdenum | 97-1  | 13365    | 12840    | 13632    | 13279    | 3.04   | cps   |
| Molybdenum | 98-1  | 32271    | 32513    | 33849    | 32878    | 2.59   | cps   |
| Neodymium  | 150-1 | 293627   | 299241   | 298275   | 297048   | 1.01   | cps   |
| Neodymium  | 150-2 | 118168   | 118824   | 120532   | 119175   | 1.02   | cps   |
| Nickel     | 60-2  | 202876   | 204468   | 209436   | 205593   | 1.66   | cps   |
| Phosphorus | 31-2  | 21157    | 21024    | 21107    | 21096    | 0.32   | cps   |
| Potassium  | 39-2  | 919278   | 938740   | 937058   | 931692   | 1.16   | cps   |
| Rhodium    | 103-1 | 7009941  | 7127371  | 6992485  | 7043266  | 1.04   | cps   |
| Rhodium    | 103-2 | 3193000  | 3383115  | 3216872  | 3264329  | 3.17   | cps   |
| Scandium   | 45-1  | 6209703  | 6328652  | 6251147  | 6263168  | 0.96   | cps   |
| Scandium   | 45-2  | 244213   | 257191   | 244315   | 248573   | 3.00   | cps   |
| Selenium   | 77-2  | 557      | 547      | 577      | 560      | 2.73   | cps   |
| Selenium   | 78-2  | 530      | 509      | 530      | 523      | 2.25   | cps   |
| Selenium   | 82-1  | 1132     | 1029     | 1078     | 1080     | 4.74   | cps   |
| Silicon    | 28-1  | 89706067 | 90212450 | 90324140 | 90080885 | 0.37   | cps   |
| Silver     | 109-1 | 4851     | 5385     | 4959     | 5065     | 5.57   | cps   |
| Silver     | 107-1 | 5435     | 5418     | 5351     | 5401     | 0.82   | cps   |
| Sodium     | 23-2  | 261217   | 266696   | 265485   | 264466   | 1.09   | cps   |
| Strontium  | 86-1  | 170357   | 170138   | 173174   | 171223   | 0.99   | cps   |
| Strontium  | 88-1  | 1479273  | 1473294  | 1489277  | 1480615  | 0.55   | cps   |
| Sulfur     | 34-1  | 459906   | 462064   | 464638   | 462203   | 0.51   | cps   |
| Terbium    | 159-1 | 10527986 | 10663461 | 10610916 | 10600788 | 0.64   | cps   |
| Terbium    | 159-2 | 5288170  | 5564153  | 5321154  | 5391159  | 2.80   | cps   |
| Thallium   | 203-1 | 7394     | 7753     | 8153     | 7766     | 4.89   | cps   |
| Thallium   | 205-1 | 18447    | 18447    | 18480    | 18458    | 0.10   | cps   |
| Thorium    | 232-1 | 919045   | 922889   | 936889   | 926274   | 1.01   | cps   |
| Tin        | 118-1 | 16552    | 16577    | 16635    | 16588    | 0.26   | cps   |
| Titanium   | 47-1  | 417398   | 420963   | 420838   | 419733   | 0.48   | cps   |
| Uranium    | 238-1 | 145657   | 145202   | 145800   | 145553   | 0.21   | cps   |
| Vanadium   | 51-2  | 361749   | 362092   | 363978   | 362606   | 0.33   | cps   |
| Yttrium    | 89-1  | 11299696 | 11357043 | 11379559 | 11345432 | 0.36   | cps   |
| Yttrium    | 89-2  | 1505471  | 1586624  | 1535632  | 1542576  | 2.66   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-10            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS014-0612-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:22:34 | DataFile Name :   | 039SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 273457 | 274709 | 278868 | 275678  | 1.03   | cps   |
| Zirconium | 90-1 | 520696 | 527893 | 529789 | 526126  | 0.91   | cps   |
| Zirconium | 91-1 | 119016 | 118630 | 119445 | 119030  | 0.34   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-11            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS014-1218-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:26:11 | DataFile Name :   | 040SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 14183854  | 14311302  | 14211647  | 14235601  | 0.47   | cps   |
| Antimony   | 121-1 | 2375      | 2275      | 2150      | 2267      | 4.97   | cps   |
| Arsenic    | 75-2  | 18124     | 18484     | 18451     | 18353     | 1.08   | cps   |
| Barium     | 135-1 | 3203079   | 3230987   | 3234135   | 3222734   | 0.53   | cps   |
| Barium     | 137-1 | 5642187   | 5702788   | 5687340   | 5677438   | 0.55   | cps   |
| Beryllium  | 9-1   | 22929     | 22684     | 22473     | 22695     | 1.01   | cps   |
| Bismuth    | 209-1 | 6361471   | 6726954   | 6719868   | 6602764   | 3.17   | cps   |
| Bismuth    | 209-2 | 3752141   | 3786920   | 3757501   | 3765521   | 0.50   | cps   |
| Boron      | 10-1  | 5259      | 6268      | 5768      | 5765      | 8.75   | cps   |
| Boron      | 11-1  | 26032     | 25188     | 25547     | 25589     | 1.65   | cps   |
| Cadmium    | 111-1 | 9530      | 9430      | 9656      | 9539      | 1.19   | cps   |
| Cadmium    | 106-1 | 7844      | 7652      | 7969      | 7822      | 2.04   | cps   |
| Cadmium    | 108-1 | 1142      | 1200      | 1146      | 1163      | 2.80   | cps   |
| Calcium    | 43-1  | 215636    | 215971    | 214010    | 215205    | 0.49   | cps   |
| Calcium    | 44-1  | 3481459   | 3470211   | 3460569   | 3470747   | 0.30   | cps   |
| Chromium   | 52-2  | 394462    | 397128    | 398542    | 396711    | 0.52   | cps   |
| Cobalt     | 59-2  | 466777    | 472512    | 471142    | 470144    | 0.64   | cps   |
| Copper     | 63-2  | 738383    | 742312    | 745316    | 742004    | 0.47   | cps   |
| Dysprosium | 156-1 | 282138    | 288959    | 287221    | 286106    | 1.24   | cps   |
| Dysprosium | 156-2 | 140156    | 140888    | 142828    | 141291    | 0.98   | cps   |
| Erbium     | 164-1 | 241965    | 244457    | 245966    | 244129    | 0.83   | cps   |
| Erbium     | 164-2 | 123681    | 123082    | 123105    | 123289    | 0.28   | cps   |
| Gadolinium | 160-1 | 256940    | 255854    | 257644    | 256813    | 0.35   | cps   |
| Gadolinium | 160-2 | 146622    | 148285    | 146523    | 147143    | 0.67   | cps   |
| Holmium    | 165-1 | 10023976  | 10347712  | 10368306  | 10246665  | 1.88   | cps   |
| Holmium    | 165-2 | 5225142   | 5252707   | 5208041   | 5228630   | 0.43   | cps   |
| Indium     | 115-1 | 7725118   | 7896003   | 7890311   | 7837144   | 1.24   | cps   |
| Indium     | 115-2 | 1448768   | 1460368   | 1456403   | 1455180   | 0.41   | cps   |
| Iron       | 56-2  | 628611192 | 630385592 | 632233147 | 630409977 | 0.29   | cps   |
| Iron       | 57-2  | 15290284  | 15440082  | 15365230  | 15365198  | 0.49   | cps   |
| Krypton    | 83-1  | 713       | 623       | 683       | 673       | 6.81   | cps   |
| Lead       | 206-1 | 6342262   | 6362201   | 6376752   | 6360405   | 0.27   | cps   |
| Lead       | 207-1 | 5400308   | 5403168   | 5418259   | 5407245   | 0.18   | cps   |
| Lead       | 208-1 | 25260240  | 25367126  | 25498424  | 25375263  | 0.47   | cps   |
| Lithium    | 6-1   | 3558239   | 3617436   | 3617558   | 3597744   | 0.95   | cps   |
| Magnesium  | 24-2  | 9996967   | 10010599  | 10088582  | 10032049  | 0.49   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-11            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS014-1218-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:26:11 | DataFile Name :   | 040SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 26155875 | 26389795 | 26449412 | 26331694 | 0.59   | cps   |
| Molybdenum | 94-1  | 196018   | 198087   | 196246   | 196784   | 0.58   | cps   |
| Molybdenum | 95-1  | 21626    | 22134    | 21191    | 21650    | 2.18   | cps   |
| Molybdenum | 96-1  | 66137    | 66380    | 66347    | 66288    | 0.20   | cps   |
| Molybdenum | 97-1  | 12998    | 12906    | 12031    | 12645    | 4.22   | cps   |
| Molybdenum | 98-1  | 31503    | 31870    | 32045    | 31806    | 0.87   | cps   |
| Neodymium  | 150-1 | 317023   | 320740   | 318939   | 318901   | 0.58   | cps   |
| Neodymium  | 150-2 | 126939   | 126225   | 126003   | 126389   | 0.39   | cps   |
| Nickel     | 60-2  | 216607   | 220475   | 219010   | 218697   | 0.89   | cps   |
| Phosphorus | 31-2  | 21908    | 21717    | 22067    | 21897    | 0.80   | cps   |
| Potassium  | 39-2  | 849009   | 853117   | 855039   | 852388   | 0.36   | cps   |
| Rhodium    | 103-1 | 6791943  | 6918077  | 6958398  | 6889473  | 1.26   | cps   |
| Rhodium    | 103-2 | 3074828  | 3091724  | 3080639  | 3082397  | 0.28   | cps   |
| Scandium   | 45-1  | 6077058  | 6165765  | 6185669  | 6142831  | 0.94   | cps   |
| Scandium   | 45-2  | 236165   | 236453   | 237544   | 236721   | 0.31   | cps   |
| Selenium   | 77-2  | 527      | 613      | 550      | 563      | 7.96   | cps   |
| Selenium   | 78-2  | 541      | 561      | 522      | 541      | 3.59   | cps   |
| Selenium   | 82-1  | 893      | 990      | 914      | 933      | 5.49   | cps   |
| Silicon    | 28-1  | 58425901 | 58524128 | 59136803 | 58695611 | 0.66   | cps   |
| Silver     | 109-1 | 6052     | 5801     | 5977     | 5943     | 2.16   | cps   |
| Silver     | 107-1 | 6352     | 6752     | 6960     | 6688     | 4.63   | cps   |
| Sodium     | 23-2  | 264713   | 263484   | 266906   | 265034   | 0.65   | cps   |
| Strontium  | 86-1  | 171512   | 175755   | 171478   | 172915   | 1.42   | cps   |
| Strontium  | 88-1  | 1469644  | 1488227  | 1474965  | 1477612  | 0.65   | cps   |
| Sulfur     | 34-1  | 383887   | 382636   | 387432   | 384652   | 0.65   | cps   |
| Terbium    | 159-1 | 10295714 | 10549339 | 10583866 | 10476306 | 1.50   | cps   |
| Terbium    | 159-2 | 5083915  | 5145697  | 5073812  | 5101141  | 0.76   | cps   |
| Thallium   | 203-1 | 8537     | 8928     | 8703     | 8723     | 2.25   | cps   |
| Thallium   | 205-1 | 21234    | 21309    | 21886    | 21476    | 1.66   | cps   |
| Thorium    | 232-1 | 1052318  | 1064944  | 1058048  | 1058437  | 0.60   | cps   |
| Tin        | 118-1 | 15684    | 15809    | 14850    | 15448    | 3.38   | cps   |
| Titanium   | 47-1  | 284902   | 286872   | 286788   | 286187   | 0.39   | cps   |
| Uranium    | 238-1 | 125786   | 126147   | 123725   | 125219   | 1.04   | cps   |
| Vanadium   | 51-2  | 391050   | 393604   | 399199   | 394618   | 1.06   | cps   |
| Yttrium    | 89-1  | 11468780 | 11603554 | 11681559 | 11584631 | 0.93   | cps   |
| Yttrium    | 89-2  | 1520705  | 1528115  | 1531004  | 1526608  | 0.35   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-11            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS014-1218-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:26:11 | DataFile Name :   | 040SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 322718 | 324729 | 327271 | 324906  | 0.70   | cps   |
| Zirconium | 90-1 | 504400 | 508467 | 504655 | 505841  | 0.45   | cps   |
| Zirconium | 91-1 | 113749 | 114707 | 113412 | 113956  | 0.59   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-12            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS014-1824-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:29:47 | DataFile Name :   | 041SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 12866566  | 12971462  | 12816639  | 12884889  | 0.61   | cps   |
| Antimony   | 121-1 | 2759      | 3142      | 3251      | 3050      | 8.47   | cps   |
| Arsenic    | 75-2  | 16259     | 16137     | 16066     | 16154     | 0.60   | cps   |
| Barium     | 135-1 | 3312441   | 3344687   | 3353957   | 3337028   | 0.65   | cps   |
| Barium     | 137-1 | 5853616   | 5891195   | 5920677   | 5888496   | 0.57   | cps   |
| Beryllium  | 9-1   | 19869     | 19941     | 19702     | 19837     | 0.62   | cps   |
| Bismuth    | 209-1 | 6479120   | 6778467   | 6844006   | 6700531   | 2.90   | cps   |
| Bismuth    | 209-2 | 3883868   | 3877753   | 4005656   | 3922426   | 1.84   | cps   |
| Boron      | 10-1  | 5876      | 6643      | 5910      | 6143      | 7.06   | cps   |
| Boron      | 11-1  | 26215     | 26340     | 26057     | 26204     | 0.54   | cps   |
| Cadmium    | 111-1 | 9503      | 9407      | 9307      | 9405      | 1.04   | cps   |
| Cadmium    | 106-1 | 7311      | 6777      | 6710      | 6933      | 4.75   | cps   |
| Cadmium    | 108-1 | 1225      | 875       | 1083      | 1061      | 16.59  | cps   |
| Calcium    | 43-1  | 217122    | 217883    | 219462    | 218156    | 0.55   | cps   |
| Calcium    | 44-1  | 3532593   | 3555467   | 3589838   | 3559299   | 0.81   | cps   |
| Chromium   | 52-2  | 350813    | 352197    | 350983    | 351331    | 0.21   | cps   |
| Cobalt     | 59-2  | 415580    | 422140    | 418349    | 418690    | 0.79   | cps   |
| Copper     | 63-2  | 634905    | 638080    | 641879    | 638288    | 0.55   | cps   |
| Dysprosium | 156-1 | 222867    | 225819    | 225900    | 224862    | 0.77   | cps   |
| Dysprosium | 156-2 | 111365    | 111740    | 110884    | 111330    | 0.39   | cps   |
| Erbium     | 164-1 | 188505    | 190143    | 190065    | 189571    | 0.49   | cps   |
| Erbium     | 164-2 | 94346     | 95756     | 95639     | 95247     | 0.82   | cps   |
| Gadolinium | 160-1 | 198294    | 200591    | 199866    | 199584    | 0.59   | cps   |
| Gadolinium | 160-2 | 114417    | 114624    | 114510    | 114517    | 0.09   | cps   |
| Holmium    | 165-1 | 10234075  | 10450687  | 10360622  | 10348461  | 1.05   | cps   |
| Holmium    | 165-2 | 5353393   | 5317063   | 5524685   | 5398381   | 2.05   | cps   |
| Indium     | 115-1 | 7848608   | 7954093   | 8012526   | 7938409   | 1.05   | cps   |
| Indium     | 115-2 | 1478290   | 1486651   | 1542130   | 1502357   | 2.31   | cps   |
| Iron       | 56-2  | 532929545 | 537047501 | 534788601 | 534921882 | 0.39   | cps   |
| Iron       | 57-2  | 12921256  | 13102417  | 13026435  | 13016703  | 0.70   | cps   |
| Krypton    | 83-1  | 680       | 643       | 607       | 643       | 5.70   | cps   |
| Lead       | 206-1 | 3833467   | 3871217   | 3853988   | 3852891   | 0.49   | cps   |
| Lead       | 207-1 | 3251113   | 3286479   | 3323080   | 3286891   | 1.09   | cps   |
| Lead       | 208-1 | 15350781  | 15491992  | 15568625  | 15470466  | 0.71   | cps   |
| Lithium    | 6-1   | 3541333   | 3596769   | 3631288   | 3589797   | 1.26   | cps   |
| Magnesium  | 24-2  | 8677144   | 8752900   | 8763250   | 8731098   | 0.54   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-12            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS014-1824-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:29:47 | DataFile Name :   | 041SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 23783916 | 23975921 | 23890260 | 23883366 | 0.40   | cps   |
| Molybdenum | 94-1  | 172422   | 174185   | 177235   | 174614   | 1.39   | cps   |
| Molybdenum | 95-1  | 20908    | 21851    | 22527    | 21762    | 3.74   | cps   |
| Molybdenum | 96-1  | 59927    | 59952    | 59634    | 59838    | 0.30   | cps   |
| Molybdenum | 97-1  | 13156    | 12940    | 12798    | 12965    | 1.39   | cps   |
| Molybdenum | 98-1  | 32496    | 32839    | 32296    | 32544    | 0.84   | cps   |
| Neodymium  | 150-1 | 249864   | 249984   | 248114   | 249321   | 0.42   | cps   |
| Neodymium  | 150-2 | 99815    | 99577    | 99513    | 99635    | 0.16   | cps   |
| Nickel     | 60-2  | 190007   | 192640   | 192316   | 191654   | 0.75   | cps   |
| Phosphorus | 31-2  | 21224    | 21758    | 21658    | 21547    | 1.32   | cps   |
| Potassium  | 39-2  | 748350   | 746069   | 750189   | 748203   | 0.28   | cps   |
| Rhodium    | 103-1 | 6885416  | 7054303  | 7027580  | 6989100  | 1.30   | cps   |
| Rhodium    | 103-2 | 3137561  | 3125814  | 3277881  | 3180419  | 2.66   | cps   |
| Scandium   | 45-1  | 6025264  | 6066850  | 6165796  | 6085970  | 1.19   | cps   |
| Scandium   | 45-2  | 231922   | 233788   | 241579   | 235763   | 2.17   | cps   |
| Selenium   | 77-2  | 420      | 517      | 520      | 486      | 11.70  | cps   |
| Selenium   | 78-2  | 420      | 411      | 452      | 428      | 4.99   | cps   |
| Selenium   | 82-1  | 856      | 901      | 840      | 866      | 3.65   | cps   |
| Silicon    | 28-1  | 92997917 | 94116646 | 94100988 | 93738517 | 0.68   | cps   |
| Silver     | 109-1 | 4526     | 4776     | 4659     | 4654     | 2.69   | cps   |
| Silver     | 107-1 | 4809     | 5468     | 4901     | 5059     | 7.05   | cps   |
| Sodium     | 23-2  | 346022   | 353609   | 348969   | 349534   | 1.09   | cps   |
| Strontium  | 86-1  | 174321   | 178916   | 177423   | 176887   | 1.33   | cps   |
| Strontium  | 88-1  | 1507652  | 1511321  | 1521140  | 1513371  | 0.46   | cps   |
| Sulfur     | 34-1  | 400409   | 401782   | 397408   | 399866   | 0.56   | cps   |
| Terbium    | 159-1 | 10451910 | 10679942 | 10620579 | 10584144 | 1.12   | cps   |
| Terbium    | 159-2 | 5211669  | 5164252  | 5396622  | 5257515  | 2.34   | cps   |
| Thallium   | 203-1 | 9087     | 9179     | 8470     | 8912     | 4.33   | cps   |
| Thallium   | 205-1 | 21051    | 21810    | 20642    | 21168    | 2.80   | cps   |
| Thorium    | 232-1 | 818187   | 817320   | 823322   | 819610   | 0.40   | cps   |
| Tin        | 118-1 | 12431    | 12940    | 12206    | 12526    | 3.00   | cps   |
| Titanium   | 47-1  | 286269   | 288105   | 285409   | 286594   | 0.48   | cps   |
| Uranium    | 238-1 | 111894   | 113549   | 112784   | 112742   | 0.73   | cps   |
| Vanadium   | 51-2  | 358879   | 362994   | 361817   | 361230   | 0.59   | cps   |
| Yttrium    | 89-1  | 10783419 | 10941037 | 10980535 | 10901664 | 0.96   | cps   |
| Yttrium    | 89-2  | 1445088  | 1446838  | 1485521  | 1459149  | 1.57   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-12            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS014-1824-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:29:47 | DataFile Name :   | 041SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 294715 | 295542 | 297290 | 295849  | 0.44   | cps   |
| Zirconium | 90-1 | 440544 | 441567 | 450319 | 444143  | 1.21   | cps   |
| Zirconium | 91-1 | 98774  | 100761 | 100275 | 99937   | 1.04   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100071            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV26               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV26               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-12-27 14:42:10 | DataFile Name :   | 042CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 4833150   | 4815637   | 4763185   | 4803991   | 0.76   | cps   |
| Antimony   | 121-1 | 3852218   | 3864774   | 3904778   | 3873923   | 0.71   | cps   |
| Arsenic    | 75-2  | 118392    | 116723    | 117262    | 117459    | 0.73   | cps   |
| Barium     | 135-1 | 4895356   | 4898466   | 4959017   | 4917613   | 0.73   | cps   |
| Barium     | 137-1 | 8655108   | 8713266   | 8816872   | 8728415   | 0.94   | cps   |
| Beryllium  | 9-1   | 1336920   | 1345166   | 1347966   | 1343351   | 0.43   | cps   |
| Bismuth    | 209-1 | 6170623   | 6254053   | 6352318   | 6258998   | 1.45   | cps   |
| Bismuth    | 209-2 | 3645832   | 3649167   | 3662997   | 3652665   | 0.25   | cps   |
| Boron      | 10-1  | 238044    | 242335    | 248589    | 242989    | 2.18   | cps   |
| Boron      | 11-1  | 1040151   | 1078989   | 1093494   | 1070878   | 2.58   | cps   |
| Cadmium    | 111-1 | 1186089   | 1184764   | 1198478   | 1189777   | 0.64   | cps   |
| Cadmium    | 106-1 | 135022    | 136460    | 139892    | 137125    | 1.82   | cps   |
| Cadmium    | 108-1 | 90964     | 90822     | 93862     | 91883     | 1.87   | cps   |
| Calcium    | 43-1  | 6989625   | 7064694   | 7120387   | 7058235   | 0.93   | cps   |
| Calcium    | 44-1  | 113025982 | 113632586 | 115239140 | 113965903 | 1.00   | cps   |
| Chromium   | 52-2  | 1161220   | 1152636   | 1156582   | 1156813   | 0.37   | cps   |
| Cobalt     | 59-2  | 1845378   | 1827601   | 1825227   | 1832736   | 0.60   | cps   |
| Copper     | 63-2  | 2574236   | 2551048   | 2572703   | 2565995   | 0.51   | cps   |
| Dysprosium | 156-1 | 233       | 150       | 200       | 194       | 21.57  | cps   |
| Dysprosium | 156-2 | 140       | 83        | 77        | 100       | 34.80  | cps   |
| Erbium     | 164-1 | 33        | 92        | 92        | 72        | 46.64  | cps   |
| Erbium     | 164-2 | 37        | 57        | 37        | 43        | 26.64  | cps   |
| Gadolinium | 160-1 | 117       | 75        | 92        | 94        | 22.21  | cps   |
| Gadolinium | 160-2 | 190       | 127       | 177       | 164       | 20.30  | cps   |
| Holmium    | 165-1 | 10013429  | 10217977  | 10257076  | 10162827  | 1.29   | cps   |
| Holmium    | 165-2 | 5249566   | 5243216   | 5266220   | 5253000   | 0.23   | cps   |
| Indium     | 115-1 | 7409593   | 7479704   | 7564973   | 7484757   | 1.04   | cps   |
| Indium     | 115-2 | 1406509   | 1406798   | 1403764   | 1405690   | 0.12   | cps   |
| Iron       | 56-2  | 255618728 | 254127922 | 252991083 | 254245911 | 0.52   | cps   |
| Iron       | 57-2  | 6297760   | 6246758   | 6190368   | 6244962   | 0.86   | cps   |
| Krypton    | 83-1  | 310       | 487       | 303       | 367       | 28.36  | cps   |
| Lead       | 206-1 | 3349320   | 3382120   | 3415190   | 3382210   | 0.97   | cps   |
| Lead       | 207-1 | 3121351   | 3141217   | 3136529   | 3133032   | 0.33   | cps   |
| Lead       | 208-1 | 13990299  | 14090963  | 14216651  | 14099304  | 0.80   | cps   |
| Lithium    | 6-1   | 3338230   | 3381583   | 3408756   | 3376190   | 1.05   | cps   |
| Magnesium  | 24-2  | 50585019  | 50173154  | 50335576  | 50364583  | 0.41   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100071            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV26               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV26               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-12-27 14:42:10 | DataFile Name :   | 042CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1440970  | 1430122  | 1440240  | 1437110  | 0.42   | cps   |
| Molybdenum | 94-1  | 8247146  | 8240657  | 8319400  | 8269068  | 0.53   | cps   |
| Molybdenum | 95-1  | 10058663 | 10069783 | 10222647 | 10117031 | 0.91   | cps   |
| Molybdenum | 96-1  | 11023642 | 11073082 | 11232728 | 11109818 | 0.98   | cps   |
| Molybdenum | 97-1  | 6173149  | 6233968  | 6304563  | 6237227  | 1.05   | cps   |
| Molybdenum | 98-1  | 16040262 | 16137322 | 16348797 | 16175460 | 0.98   | cps   |
| Neodymium  | 150-1 | 593      | 547      | 593      | 578      | 4.66   | cps   |
| Neodymium  | 150-2 | 103      | 67       | 63       | 78       | 28.54  | cps   |
| Nickel     | 60-2  | 469650   | 465092   | 463994   | 466246   | 0.64   | cps   |
| Phosphorus | 31-2  | 47703    | 48120    | 47276    | 47700    | 0.89   | cps   |
| Potassium  | 39-2  | 22468753 | 22267844 | 22193430 | 22310009 | 0.64   | cps   |
| Rhodium    | 103-1 | 6340084  | 6467372  | 6516692  | 6441383  | 1.41   | cps   |
| Rhodium    | 103-2 | 2914716  | 2892928  | 2928797  | 2912147  | 0.62   | cps   |
| Scandium   | 45-1  | 5272472  | 5385305  | 5463557  | 5373778  | 1.79   | cps   |
| Scandium   | 45-2  | 212579   | 211189   | 211436   | 211735   | 0.35   | cps   |
| Selenium   | 77-2  | 3574     | 3714     | 3647     | 3645     | 1.92   | cps   |
| Selenium   | 78-2  | 12467    | 12342    | 12598    | 12469    | 1.03   | cps   |
| Selenium   | 82-1  | 89247    | 89474    | 89322    | 89348    | 0.13   | cps   |
| Silicon    | 28-1  | 4017954  | 4144130  | 4269484  | 4143856  | 3.03   | cps   |
| Silver     | 109-1 | 5021107  | 5024062  | 5044368  | 5029846  | 0.25   | cps   |
| Silver     | 107-1 | 5133905  | 5174552  | 5234144  | 5180867  | 0.97   | cps   |
| Sodium     | 23-2  | 96146315 | 95751652 | 96008533 | 95968833 | 0.21   | cps   |
| Strontium  | 86-1  | 1387020  | 1378378  | 1386046  | 1383814  | 0.34   | cps   |
| Strontium  | 88-1  | 12007152 | 11970181 | 12118810 | 12032048 | 0.64   | cps   |
| Sulfur     | 34-1  | 889703   | 885291   | 899151   | 891382   | 0.79   | cps   |
| Terbium    | 159-1 | 10167462 | 10367675 | 10499692 | 10344943 | 1.62   | cps   |
| Terbium    | 159-2 | 5086366  | 5098893  | 5077576  | 5087612  | 0.21   | cps   |
| Thallium   | 203-1 | 4170379  | 4206392  | 4226070  | 4200947  | 0.67   | cps   |
| Thallium   | 205-1 | 10101829 | 10177618 | 10339602 | 10206350 | 1.19   | cps   |
| Thorium    | 232-1 | 16455913 | 16469455 | 16802214 | 16575861 | 1.18   | cps   |
| Tin        | 118-1 | 3459331  | 3461257  | 3500868  | 3473819  | 0.67   | cps   |
| Titanium   | 47-1  | 3083548  | 3098257  | 3139643  | 3107149  | 0.94   | cps   |
| Uranium    | 238-1 | 16154862 | 16312280 | 16550143 | 16339095 | 1.22   | cps   |
| Vanadium   | 51-2  | 937975   | 935398   | 929662   | 934345   | 0.46   | cps   |
| Yttrium    | 89-1  | 7981106  | 8070612  | 8164369  | 8072029  | 1.14   | cps   |
| Yttrium    | 89-2  | 1079677  | 1080123  | 1080748  | 1080183  | 0.05   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100071            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV26               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV26               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-12-27 14:42:10 | DataFile Name :   | 042CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 445099  | 444626  | 444915  | 444880  | 0.05   | cps   |
| Zirconium | 90-1 | 6962457 | 6948436 | 7043533 | 6984808 | 0.73   | cps   |
| Zirconium | 91-1 | 1552411 | 1535835 | 1558091 | 1548779 | 0.75   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB26               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB26               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:47:04 | DataFile Name :   | 043CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 133      | 192      | 192      | 172      | 19.56  | cps   |
| Antimony   | 121-1 | 792      | 1050     | 925      | 922      | 14.01  | cps   |
| Arsenic    | 75-2  | 11       | 13       | 6        | 10       | 38.99  | cps   |
| Barium     | 135-1 | 200      | 133      | 192      | 175      | 20.76  | cps   |
| Barium     | 137-1 | 292      | 275      | 325      | 297      | 8.57   | cps   |
| Beryllium  | 9-1   | 183      | 139      | 200      | 174      | 18.15  | cps   |
| Bismuth    | 209-1 | 7909112  | 7830460  | 7813084  | 7850885  | 0.65   | cps   |
| Bismuth    | 209-2 | 4387170  | 4418443  | 4428721  | 4411445  | 0.49   | cps   |
| Boron      | 10-1  | 4793     | 4418     | 4326     | 4512     | 5.48   | cps   |
| Boron      | 11-1  | 21574    | 19188    | 19230    | 19997    | 6.83   | cps   |
| Cadmium    | 111-1 | 2926     | 3196     | 2723     | 2949     | 8.06   | cps   |
| Cadmium    | 106-1 | 4126     | 4509     | 3851     | 4162     | 7.95   | cps   |
| Cadmium    | 108-1 | 17       | 8        | 8        | 11       | 43.34  | cps   |
| Calcium    | 43-1  | 125      | 242      | 292      | 219      | 38.97  | cps   |
| Calcium    | 44-1  | 4768     | 5668     | 5526     | 5321     | 9.10   | cps   |
| Chromium   | 52-2  | 530      | 600      | 637      | 589      | 9.20   | cps   |
| Cobalt     | 59-2  | 93       | 117      | 93       | 101      | 13.32  | cps   |
| Copper     | 63-2  | 390      | 423      | 427      | 413      | 4.91   | cps   |
| Dysprosium | 156-1 | 58       | 25       | 17       | 33       | 66.14  | cps   |
| Dysprosium | 156-2 | 7        | 7        | 7        | 7        | 0.00   | cps   |
| Erbium     | 164-1 | 25       | 33       | 25       | 28       | 17.31  | cps   |
| Erbium     | 164-2 | 7        | 10       | 0        | 6        | 91.64  | cps   |
| Gadolinium | 160-1 | 42       | 33       | 58       | 44       | 28.65  | cps   |
| Gadolinium | 160-2 | 143      | 170      | 180      | 164      | 11.53  | cps   |
| Holmium    | 165-1 | 11009215 | 10944710 | 10893460 | 10949128 | 0.53   | cps   |
| Holmium    | 165-2 | 5525352  | 5599016  | 5577605  | 5567324  | 0.68   | cps   |
| Indium     | 115-1 | 8859775  | 8838157  | 8786998  | 8828310  | 0.42   | cps   |
| Indium     | 115-2 | 1611553  | 1633330  | 1636946  | 1627276  | 0.84   | cps   |
| Iron       | 56-2  | 12561    | 12639    | 13518    | 12906    | 4.12   | cps   |
| Iron       | 57-2  | 361      | 300      | 361      | 341      | 10.36  | cps   |
| Krypton    | 83-1  | 367      | 357      | 327      | 350      | 5.95   | cps   |
| Lead       | 206-1 | 1622     | 1500     | 1517     | 1546     | 4.29   | cps   |
| Lead       | 207-1 | 1228     | 1222     | 1172     | 1207     | 2.53   | cps   |
| Lead       | 208-1 | 5845     | 5767     | 5628     | 5747     | 1.91   | cps   |
| Lithium    | 6-1   | 3877331  | 3909431  | 3876252  | 3887671  | 0.48   | cps   |
| Magnesium  | 24-2  | 1717     | 1592     | 1567     | 1625     | 4.95   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB26               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB26               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:47:04 | DataFile Name :   | 043CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 120      | 157      | 147      | 141      | 13.43  | cps   |
| Molybdenum | 94-1  | 1183     | 1150     | 1092     | 1142     | 4.06   | cps   |
| Molybdenum | 95-1  | 1492     | 1450     | 1167     | 1370     | 12.91  | cps   |
| Molybdenum | 96-1  | 1792     | 1433     | 1250     | 1492     | 18.47  | cps   |
| Molybdenum | 97-1  | 967      | 650      | 642      | 753      | 24.61  | cps   |
| Molybdenum | 98-1  | 2109     | 1975     | 1767     | 1950     | 8.83   | cps   |
| Neodymium  | 150-1 | 0        | 7        | 0        | 2        | 173.21 | cps   |
| Neodymium  | 150-2 | 0        | 0        | 7        | 2        | 173.21 | cps   |
| Nickel     | 60-2  | 53       | 53       | 50       | 52       | 3.68   | cps   |
| Phosphorus | 31-2  | 158      | 150      | 150      | 153      | 3.15   | cps   |
| Potassium  | 39-2  | 16910    | 17353    | 17611    | 17291    | 2.05   | cps   |
| Rhodium    | 103-1 | 7947131  | 7956889  | 8039295  | 7981105  | 0.63   | cps   |
| Rhodium    | 103-2 | 3488406  | 3537575  | 3569052  | 3531678  | 1.15   | cps   |
| Scandium   | 45-1  | 6011849  | 6031246  | 6058626  | 6033907  | 0.39   | cps   |
| Scandium   | 45-2  | 227387   | 230816   | 230140   | 229448   | 0.79   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 46       | 44       | 48       | 46       | 4.01   | cps   |
| Selenium   | 82-1  | 6        | 6        | 42       | 18       | 114.26 | cps   |
| Silicon    | 28-1  | 256893   | 256227   | 256928   | 256683   | 0.15   | cps   |
| Silver     | 109-1 | 317      | 283      | 233      | 278      | 15.10  | cps   |
| Silver     | 107-1 | 225      | 233      | 342      | 267      | 24.41  | cps   |
| Sodium     | 23-2  | 15534    | 15258    | 15359    | 15383    | 0.91   | cps   |
| Strontium  | 86-1  | 583      | 442      | 517      | 514      | 13.79  | cps   |
| Strontium  | 88-1  | 317      | 525      | 375      | 406      | 26.50  | cps   |
| Sulfur     | 34-1  | 361149   | 360795   | 360589   | 360844   | 0.08   | cps   |
| Terbium    | 159-1 | 11278173 | 11255016 | 11149273 | 11227487 | 0.61   | cps   |
| Terbium    | 159-2 | 5365337  | 5451513  | 5411294  | 5409382  | 0.80   | cps   |
| Thallium   | 203-1 | 725      | 650      | 733      | 703      | 6.53   | cps   |
| Thallium   | 205-1 | 1825     | 1692     | 1550     | 1689     | 8.14   | cps   |
| Thorium    | 232-1 | 5535     | 4679     | 4156     | 4790     | 14.53  | cps   |
| Tin        | 118-1 | 1125     | 1067     | 1050     | 1081     | 3.65   | cps   |
| Titanium   | 47-1  | 133      | 200      | 133      | 156      | 24.74  | cps   |
| Uranium    | 238-1 | 375      | 467      | 450      | 431      | 11.34  | cps   |
| Vanadium   | 51-2  | 33       | 30       | 37       | 33       | 10.01  | cps   |
| Yttrium    | 89-1  | 9032649  | 9006240  | 9019579  | 9019489  | 0.15   | cps   |
| Yttrium    | 89-2  | 1175168  | 1185831  | 1194700  | 1185233  | 0.83   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB26               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB26               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:47:04 | DataFile Name :   | 043CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zinc      | 66-2 | 217  | 183  | 213  | 204     | 8.98   | cps   |
| Zirconium | 90-1 | 1283 | 1308 | 1025 | 1206    | 13.01  | cps   |
| Zirconium | 91-1 | 300  | 258  | 217  | 258     | 16.13  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-13            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS015-0006-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:51:25 | DataFile Name :   | 044SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 8718545   | 8642901   | 8597002   | 8652816   | 0.71   | cps   |
| Antimony   | 121-1 | 24940     | 24706     | 24297     | 24648     | 1.32   | cps   |
| Arsenic    | 75-2  | 7522      | 7511      | 7337      | 7457      | 1.39   | cps   |
| Barium     | 135-1 | 3170852   | 3236322   | 3288276   | 3231816   | 1.82   | cps   |
| Barium     | 137-1 | 5611141   | 5728593   | 5774368   | 5704701   | 1.48   | cps   |
| Beryllium  | 9-1   | 14819     | 15163     | 14502     | 14828     | 2.23   | cps   |
| Bismuth    | 209-1 | 7085827   | 7240541   | 7280313   | 7202227   | 1.43   | cps   |
| Bismuth    | 209-2 | 4126917   | 4160451   | 4184478   | 4157282   | 0.70   | cps   |
| Boron      | 10-1  | 8111      | 7719      | 8319      | 8050      | 3.79   | cps   |
| Boron      | 11-1  | 36595     | 36236     | 36211     | 36347     | 0.59   | cps   |
| Cadmium    | 111-1 | 10886     | 10644     | 10832     | 10787     | 1.18   | cps   |
| Cadmium    | 106-1 | 6727      | 6568      | 6202      | 6499      | 4.15   | cps   |
| Cadmium    | 108-1 | 904       | 883       | 867       | 885       | 2.12   | cps   |
| Calcium    | 43-1  | 337535    | 342825    | 345273    | 341878    | 1.16   | cps   |
| Calcium    | 44-1  | 5435051   | 5547471   | 5559527   | 5514016   | 1.25   | cps   |
| Chromium   | 52-2  | 252108    | 251037    | 251703    | 251616    | 0.21   | cps   |
| Cobalt     | 59-2  | 163586    | 164540    | 165390    | 164505    | 0.55   | cps   |
| Copper     | 63-2  | 586459    | 590856    | 586199    | 587838    | 0.45   | cps   |
| Dysprosium | 156-1 | 203545    | 205978    | 209648    | 206391    | 1.49   | cps   |
| Dysprosium | 156-2 | 106560    | 106385    | 106129    | 106358    | 0.20   | cps   |
| Erbium     | 164-1 | 180177    | 183112    | 182482    | 181924    | 0.85   | cps   |
| Erbium     | 164-2 | 93752     | 95024     | 94749     | 94509     | 0.71   | cps   |
| Gadolinium | 160-1 | 197329    | 198919    | 199484    | 198577    | 0.56   | cps   |
| Gadolinium | 160-2 | 114046    | 115038    | 114540    | 114541    | 0.43   | cps   |
| Holmium    | 165-1 | 10586450  | 10831656  | 10887423  | 10768510  | 1.49   | cps   |
| Holmium    | 165-2 | 5606419   | 5612001   | 5651923   | 5623448   | 0.44   | cps   |
| Indium     | 115-1 | 8219949   | 8323827   | 8360597   | 8301458   | 0.88   | cps   |
| Indium     | 115-2 | 1561282   | 1580989   | 1571308   | 1571193   | 0.63   | cps   |
| Iron       | 56-2  | 246505422 | 244226744 | 243910850 | 244881005 | 0.58   | cps   |
| Iron       | 57-2  | 6003465   | 5953359   | 5938914   | 5965246   | 0.57   | cps   |
| Krypton    | 83-1  | 657       | 640       | 703       | 667       | 4.92   | cps   |
| Lead       | 206-1 | 5628746   | 5678755   | 5799816   | 5702439   | 1.54   | cps   |
| Lead       | 207-1 | 4863207   | 4912304   | 4990698   | 4922069   | 1.31   | cps   |
| Lead       | 208-1 | 22643457  | 22960171  | 23259994  | 22954541  | 1.34   | cps   |
| Lithium    | 6-1   | 3718204   | 3808441   | 3828570   | 3785072   | 1.55   | cps   |
| Magnesium  | 24-2  | 3825883   | 3792309   | 3766830   | 3795007   | 0.78   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-13            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS015-0006-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:51:25 | DataFile Name :   | 044SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Manganese  | 55-2  | 4182378   | 4166458   | 4161991   | 4170276   | 0.26   | cps   |
| Molybdenum | 94-1  | 95116     | 96635     | 96181     | 95977     | 0.81   | cps   |
| Molybdenum | 95-1  | 25173     | 24889     | 25056     | 25039     | 0.57   | cps   |
| Molybdenum | 96-1  | 45223     | 44496     | 44972     | 44897     | 0.82   | cps   |
| Molybdenum | 97-1  | 14616     | 15167     | 15534     | 15106     | 3.06   | cps   |
| Molybdenum | 98-1  | 39965     | 39180     | 41052     | 40066     | 2.35   | cps   |
| Neodymium  | 150-1 | 221155    | 226584    | 227161    | 224967    | 1.47   | cps   |
| Neodymium  | 150-2 | 90190     | 89801     | 91018     | 90336     | 0.69   | cps   |
| Nickel     | 60-2  | 115128    | 116031    | 116001    | 115720    | 0.44   | cps   |
| Phosphorus | 31-2  | 37540     | 37114     | 35577     | 36743     | 2.81   | cps   |
| Potassium  | 39-2  | 689231    | 687861    | 680052    | 685714    | 0.72   | cps   |
| Rhodium    | 103-1 | 7345263   | 7417057   | 7461992   | 7408104   | 0.79   | cps   |
| Rhodium    | 103-2 | 3360050   | 3390439   | 3353184   | 3367891   | 0.59   | cps   |
| Scandium   | 45-1  | 5993409   | 6157136   | 6164686   | 6105077   | 1.59   | cps   |
| Scandium   | 45-2  | 235753    | 235205    | 233728    | 234895    | 0.45   | cps   |
| Selenium   | 77-2  | 497       | 500       | 480       | 492       | 2.18   | cps   |
| Selenium   | 78-2  | 548       | 467       | 567       | 527       | 10.09  | cps   |
| Selenium   | 82-1  | 1674      | 1718      | 1702      | 1698      | 1.30   | cps   |
| Silicon    | 28-1  | 106501292 | 108005690 | 109180069 | 107895684 | 1.24   | cps   |
| Silver     | 109-1 | 6293      | 6252      | 6235      | 6260      | 0.48   | cps   |
| Silver     | 107-1 | 6577      | 5993      | 7044      | 6538      | 8.05   | cps   |
| Sodium     | 23-2  | 395335    | 393016    | 394555    | 394302    | 0.30   | cps   |
| Strontium  | 86-1  | 263807    | 269841    | 273067    | 268905    | 1.75   | cps   |
| Strontium  | 88-1  | 2310732   | 2320539   | 2360236   | 2330502   | 1.12   | cps   |
| Sulfur     | 34-1  | 994085    | 990105    | 995611    | 993267    | 0.29   | cps   |
| Terbium    | 159-1 | 10816524  | 10982892  | 11123953  | 10974456  | 1.40   | cps   |
| Terbium    | 159-2 | 5462095   | 5511740   | 5453846   | 5475894   | 0.57   | cps   |
| Thallium   | 203-1 | 7194      | 7394      | 7619      | 7402      | 2.87   | cps   |
| Thallium   | 205-1 | 16678     | 17404     | 17462     | 17181     | 2.54   | cps   |
| Thorium    | 232-1 | 182155    | 186696    | 185677    | 184843    | 1.29   | cps   |
| Tin        | 118-1 | 22402     | 23028     | 23462     | 22964     | 2.32   | cps   |
| Titanium   | 47-1  | 425352    | 437155    | 438958    | 433822    | 1.70   | cps   |
| Uranium    | 238-1 | 174733    | 178971    | 179877    | 177860    | 1.54   | cps   |
| Vanadium   | 51-2  | 234490    | 233159    | 233023    | 233557    | 0.35   | cps   |
| Yttrium    | 89-1  | 11004727  | 11161810  | 11324655  | 11163731  | 1.43   | cps   |
| Yttrium    | 89-2  | 1496825   | 1502535   | 1491134   | 1496831   | 0.38   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-13            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS015-0006-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 14:51:25 | DataFile Name :   | 044SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 179376 | 180301 | 180286 | 179987  | 0.29   | cps   |
| Zirconium | 90-1 | 218912 | 222848 | 223319 | 221693  | 1.09   | cps   |
| Zirconium | 91-1 | 48968  | 49863  | 49687  | 49506   | 0.96   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-01DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS012-0006-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 14:55:03 DataFile Name : 045SMPL.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 2346303   | 2359579   | 2380661   | 2362181   | 0.73   | cps   |
| Antimony   | 121-1 | 792       | 783       | 742       | 772       | 3.47   | cps   |
| Arsenic    | 75-2  | 3515      | 3580      | 3582      | 3559      | 1.07   | cps   |
| Barium     | 135-1 | 733090    | 721053    | 722107    | 725417    | 0.92   | cps   |
| Barium     | 137-1 | 1289003   | 1264713   | 1260008   | 1271241   | 1.22   | cps   |
| Beryllium  | 9-1   | 4140      | 4556      | 4223      | 4306      | 5.12   | cps   |
| Bismuth    | 209-1 | 7681436   | 7379835   | 7535342   | 7532204   | 2.00   | cps   |
| Bismuth    | 209-2 | 4269901   | 4358333   | 4350545   | 4326260   | 1.13   | cps   |
| Boron      | 10-1  | 3684      | 3926      | 3651      | 3753      | 4.00   | cps   |
| Boron      | 11-1  | 17377     | 15992     | 15942     | 16437     | 4.95   | cps   |
| Cadmium    | 111-1 | 3920      | 3666      | 3920      | 3835      | 3.83   | cps   |
| Cadmium    | 106-1 | 4476      | 4126      | 4609      | 4404      | 5.67   | cps   |
| Cadmium    | 108-1 | 263       | 217       | 242       | 240       | 9.55   | cps   |
| Calcium    | 43-1  | 246064    | 244869    | 242263    | 244399    | 0.80   | cps   |
| Calcium    | 44-1  | 3945422   | 3940893   | 3895124   | 3927146   | 0.71   | cps   |
| Chromium   | 52-2  | 81902     | 81567     | 81634     | 81701     | 0.22   | cps   |
| Cobalt     | 59-2  | 90832     | 91952     | 91969     | 91585     | 0.71   | cps   |
| Copper     | 63-2  | 157305    | 158403    | 158306    | 158005    | 0.38   | cps   |
| Dysprosium | 156-1 | 55137     | 53354     | 55213     | 54568     | 1.93   | cps   |
| Dysprosium | 156-2 | 27962     | 28460     | 28971     | 28464     | 1.77   | cps   |
| Erbium     | 164-1 | 48780     | 48437     | 48454     | 48557     | 0.40   | cps   |
| Erbium     | 164-2 | 24319     | 24940     | 24936     | 24732     | 1.45   | cps   |
| Gadolinium | 160-1 | 54752     | 55538     | 53598     | 54629     | 1.79   | cps   |
| Gadolinium | 160-2 | 30568     | 31587     | 31573     | 31242     | 1.87   | cps   |
| Holmium    | 165-1 | 11051796  | 10539280  | 10910706  | 10833927  | 2.44   | cps   |
| Holmium    | 165-2 | 5567630   | 5658018   | 5676840   | 5634163   | 1.04   | cps   |
| Indium     | 115-1 | 8781814   | 8353986   | 8602976   | 8579592   | 2.50   | cps   |
| Indium     | 115-2 | 1603528   | 1625598   | 1621758   | 1616961   | 0.73   | cps   |
| Iron       | 56-2  | 118374092 | 118411261 | 118674775 | 118486709 | 0.14   | cps   |
| Iron       | 57-2  | 2832166   | 2847386   | 2859813   | 2846455   | 0.49   | cps   |
| Krypton    | 83-1  | 457       | 403       | 463       | 441       | 7.45   | cps   |
| Lead       | 206-1 | 3333163   | 3280314   | 3232184   | 3281887   | 1.54   | cps   |
| Lead       | 207-1 | 2724729   | 2721135   | 2675749   | 2707204   | 1.01   | cps   |
| Lead       | 208-1 | 12976448  | 12904600  | 12761242  | 12880763  | 0.85   | cps   |
| Lithium    | 6-1   | 3942615   | 3749267   | 3892316   | 3861400   | 2.60   | cps   |
| Magnesium  | 24-2  | 2346154   | 2375514   | 2371070   | 2364246   | 0.67   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-01DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-0006-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 14:55:03  | DataFile Name :   | 045SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 3304540  | 3316274  | 3310181  | 3310332  | 0.18   | cps   |
| Molybdenum | 94-1  | 40115    | 39873    | 38110    | 39366    | 2.78   | cps   |
| Molybdenum | 95-1  | 4443     | 4401     | 4159     | 4334     | 3.53   | cps   |
| Molybdenum | 96-1  | 13474    | 13991    | 12815    | 13426    | 4.39   | cps   |
| Molybdenum | 97-1  | 2900     | 2817     | 2825     | 2848     | 1.61   | cps   |
| Molybdenum | 98-1  | 7152     | 6677     | 7019     | 6949     | 3.53   | cps   |
| Neodymium  | 150-1 | 57026    | 57560    | 56905    | 57164    | 0.61   | cps   |
| Neodymium  | 150-2 | 22662    | 22689    | 22589    | 22647    | 0.23   | cps   |
| Nickel     | 60-2  | 49831    | 50239    | 49152    | 49741    | 1.10   | cps   |
| Phosphorus | 31-2  | 5551     | 5843     | 5851     | 5749     | 2.97   | cps   |
| Potassium  | 39-2  | 246394   | 251665   | 249406   | 249155   | 1.06   | cps   |
| Rhodium    | 103-1 | 7983636  | 7592226  | 7756509  | 7777457  | 2.53   | cps   |
| Rhodium    | 103-2 | 3457546  | 3501176  | 3494685  | 3484469  | 0.68   | cps   |
| Scandium   | 45-1  | 6208549  | 5974266  | 6075565  | 6086127  | 1.93   | cps   |
| Scandium   | 45-2  | 235353   | 234412   | 234102   | 234623   | 0.28   | cps   |
| Selenium   | 77-2  | 93       | 87       | 123      | 101      | 19.32  | cps   |
| Selenium   | 78-2  | 143      | 131      | 165      | 146      | 11.60  | cps   |
| Selenium   | 82-1  | 162      | 209      | 101      | 157      | 34.48  | cps   |
| Silicon    | 28-1  | 10646232 | 10565216 | 10469015 | 10560154 | 0.84   | cps   |
| Silver     | 109-1 | 1008     | 900      | 775      | 895      | 13.06  | cps   |
| Silver     | 107-1 | 1000     | 1092     | 1133     | 1075     | 6.35   | cps   |
| Sodium     | 23-2  | 68750    | 67352    | 67051    | 67717    | 1.34   | cps   |
| Strontium  | 86-1  | 118251   | 118352   | 116679   | 117760   | 0.80   | cps   |
| Strontium  | 88-1  | 1020911  | 1023384  | 1005086  | 1016460  | 0.98   | cps   |
| Sulfur     | 34-1  | 305133   | 306234   | 308269   | 306545   | 0.52   | cps   |
| Terbium    | 159-1 | 11365613 | 10866454 | 11168824 | 11133630 | 2.26   | cps   |
| Terbium    | 159-2 | 5421242  | 5503754  | 5536566  | 5487187  | 1.08   | cps   |
| Thallium   | 203-1 | 1525     | 1492     | 1333     | 1450     | 7.06   | cps   |
| Thallium   | 205-1 | 3459     | 3492     | 3342     | 3431     | 2.30   | cps   |
| Thorium    | 232-1 | 202588   | 196270   | 197105   | 198654   | 1.73   | cps   |
| Tin        | 118-1 | 3617     | 3459     | 3842     | 3640     | 5.29   | cps   |
| Titanium   | 47-1  | 58617    | 60174    | 57764    | 58852    | 2.08   | cps   |
| Uranium    | 238-1 | 22111    | 21093    | 21552    | 21585    | 2.36   | cps   |
| Vanadium   | 51-2  | 63543    | 65003    | 64681    | 64409    | 1.19   | cps   |
| Yttrium    | 89-1  | 9791794  | 9389729  | 9630697  | 9604073  | 2.11   | cps   |
| Yttrium    | 89-2  | 1264157  | 1281952  | 1274970  | 1273693  | 0.70   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-01DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-0006-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 14:55:03  | DataFile Name :   | 045SMPL.d |

| Parameter | Mass | CPS1   | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|--------|-------|-------|---------|--------|-------|
| Zinc      | 66-2 | 86611  | 87835 | 87725 | 87390   | 0.77   | cps   |
| Zirconium | 90-1 | 100585 | 99713 | 98916 | 99738   | 0.84   | cps   |
| Zirconium | 91-1 | 22302  | 22101 | 22251 | 22218   | 0.47   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-01DUPDLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS012-0006-01DU Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 14:58:37 DataFile Name : 046SMPL.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 2330181   | 2325772   | 2305411   | 2320454   | 0.57   | cps   |
| Antimony   | 121-1 | 767       | 592       | 808       | 722       | 15.92  | cps   |
| Arsenic    | 75-2  | 3619      | 3487      | 3430      | 3512      | 2.76   | cps   |
| Barium     | 135-1 | 715056    | 709519    | 710195    | 711590    | 0.42   | cps   |
| Barium     | 137-1 | 1264643   | 1259884   | 1257085   | 1260538   | 0.30   | cps   |
| Beryllium  | 9-1   | 4329      | 4356      | 4034      | 4240      | 4.21   | cps   |
| Bismuth    | 209-1 | 7451843   | 7468239   | 7504919   | 7475000   | 0.36   | cps   |
| Bismuth    | 209-2 | 4195236   | 4213482   | 4292053   | 4233590   | 1.22   | cps   |
| Boron      | 10-1  | 3351      | 3734      | 3451      | 3512      | 5.66   | cps   |
| Boron      | 11-1  | 16209     | 15784     | 15534     | 15842     | 2.16   | cps   |
| Cadmium    | 111-1 | 3850      | 3829      | 3758      | 3812      | 1.27   | cps   |
| Cadmium    | 106-1 | 4418      | 4593      | 4484      | 4498      | 1.96   | cps   |
| Cadmium    | 108-1 | 275       | 213       | 229       | 239       | 13.55  | cps   |
| Calcium    | 43-1  | 237815    | 240000    | 238071    | 238629    | 0.50   | cps   |
| Calcium    | 44-1  | 3841864   | 3836373   | 3856830   | 3845022   | 0.28   | cps   |
| Chromium   | 52-2  | 79389     | 80575     | 80103     | 80022     | 0.75   | cps   |
| Cobalt     | 59-2  | 91016     | 90272     | 90453     | 90581     | 0.43   | cps   |
| Copper     | 63-2  | 153848    | 154233    | 155115    | 154399    | 0.42   | cps   |
| Dysprosium | 156-1 | 53681     | 54660     | 54593     | 54311     | 1.01   | cps   |
| Dysprosium | 156-2 | 28049     | 27862     | 27962     | 27958     | 0.33   | cps   |
| Erbium     | 164-1 | 48362     | 48052     | 46923     | 47779     | 1.58   | cps   |
| Erbium     | 164-2 | 24118     | 24162     | 24218     | 24166     | 0.21   | cps   |
| Gadolinium | 160-1 | 52426     | 52962     | 53623     | 53004     | 1.13   | cps   |
| Gadolinium | 160-2 | 30180     | 30805     | 30958     | 30648     | 1.35   | cps   |
| Holmium    | 165-1 | 10807756  | 10915464  | 10927399  | 10883540  | 0.61   | cps   |
| Holmium    | 165-2 | 5489659   | 5523920   | 5608981   | 5540853   | 1.11   | cps   |
| Indium     | 115-1 | 8577630   | 8635980   | 8654699   | 8622770   | 0.47   | cps   |
| Indium     | 115-2 | 1578886   | 1596987   | 1605624   | 1593832   | 0.86   | cps   |
| Iron       | 56-2  | 116792089 | 116953280 | 115927828 | 116557732 | 0.47   | cps   |
| Iron       | 57-2  | 2793880   | 2799247   | 2802978   | 2798702   | 0.16   | cps   |
| Krypton    | 83-1  | 437       | 407       | 407       | 417       | 4.16   | cps   |
| Lead       | 206-1 | 3206169   | 3241230   | 3216739   | 3221379   | 0.56   | cps   |
| Lead       | 207-1 | 2665807   | 2672571   | 2662626   | 2667002   | 0.19   | cps   |
| Lead       | 208-1 | 12617439  | 12645917  | 12657196  | 12640184  | 0.16   | cps   |
| Lithium    | 6-1   | 3797036   | 3779621   | 3880279   | 3818979   | 1.41   | cps   |
| Magnesium  | 24-2  | 2325994   | 2318203   | 2307727   | 2317308   | 0.40   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-01DUPDLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS012-0006-01DU Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 14:58:37 DataFile Name : 046SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 3232718  | 3233515  | 3254827  | 3240353  | 0.39   | cps   |
| Molybdenum | 94-1  | 37885    | 38528    | 39932    | 38781    | 2.70   | cps   |
| Molybdenum | 95-1  | 4184     | 4526     | 4484     | 4398     | 4.24   | cps   |
| Molybdenum | 96-1  | 13190    | 13374    | 12748    | 13104    | 2.45   | cps   |
| Molybdenum | 97-1  | 2584     | 2692     | 3251     | 2842     | 12.59  | cps   |
| Molybdenum | 98-1  | 6719     | 6752     | 6552     | 6674     | 1.61   | cps   |
| Neodymium  | 150-1 | 56905    | 56383    | 56530    | 56606    | 0.48   | cps   |
| Neodymium  | 150-2 | 22161    | 23026    | 22609    | 22599    | 1.91   | cps   |
| Nickel     | 60-2  | 49263    | 48423    | 49423    | 49036    | 1.10   | cps   |
| Phosphorus | 31-2  | 5093     | 5701     | 5876     | 5557     | 7.40   | cps   |
| Potassium  | 39-2  | 244288   | 242798   | 243552   | 243546   | 0.31   | cps   |
| Rhodium    | 103-1 | 7756071  | 7783528  | 7828412  | 7789337  | 0.47   | cps   |
| Rhodium    | 103-2 | 3381684  | 3431191  | 3445918  | 3419598  | 0.98   | cps   |
| Scandium   | 45-1  | 6007082  | 6071035  | 6113749  | 6063955  | 0.89   | cps   |
| Scandium   | 45-2  | 227309   | 229576   | 231945   | 229610   | 1.01   | cps   |
| Selenium   | 77-2  | 97       | 147      | 113      | 119      | 21.41  | cps   |
| Selenium   | 78-2  | 119      | 131      | 122      | 124      | 5.38   | cps   |
| Selenium   | 82-1  | 151      | 182      | 158      | 164      | 10.07  | cps   |
| Silicon    | 28-1  | 10762293 | 10727741 | 10768811 | 10752948 | 0.21   | cps   |
| Silver     | 109-1 | 933      | 817      | 725      | 825      | 12.66  | cps   |
| Silver     | 107-1 | 983      | 1033     | 1092     | 1036     | 5.23   | cps   |
| Sodium     | 23-2  | 50268    | 51589    | 49717    | 50525    | 1.90   | cps   |
| Strontium  | 86-1  | 115688   | 115344   | 116436   | 115822   | 0.48   | cps   |
| Strontium  | 88-1  | 1004078  | 1006128  | 999261   | 1003156  | 0.35   | cps   |
| Sulfur     | 34-1  | 314299   | 319217   | 313073   | 315530   | 1.03   | cps   |
| Terbium    | 159-1 | 10993969 | 11086461 | 11324834 | 11135088 | 1.53   | cps   |
| Terbium    | 159-2 | 5333791  | 5421014  | 5442662  | 5399156  | 1.07   | cps   |
| Thallium   | 203-1 | 1634     | 1433     | 1267     | 1445     | 12.71  | cps   |
| Thallium   | 205-1 | 3117     | 3259     | 3509     | 3295     | 6.02   | cps   |
| Thorium    | 232-1 | 194275   | 196209   | 195088   | 195191   | 0.50   | cps   |
| Tin        | 118-1 | 3050     | 3426     | 3409     | 3295     | 6.43   | cps   |
| Titanium   | 47-1  | 57747    | 56794    | 57781    | 57440    | 0.98   | cps   |
| Uranium    | 238-1 | 21285    | 21293    | 21084    | 21221    | 0.56   | cps   |
| Vanadium   | 51-2  | 63355    | 62940    | 64229    | 63508    | 1.04   | cps   |
| Yttrium    | 89-1  | 9498884  | 9574670  | 9746448  | 9606667  | 1.32   | cps   |
| Yttrium    | 89-2  | 1241265  | 1260239  | 1258050  | 1253185  | 0.83   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-01DUPDLX5      | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-0006-01DU | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 14:58:37  | DataFile Name :   | 046SMPL.d |

| Parameter | Mass | CPS1  | CPS2   | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|--------|-------|---------|--------|-------|
| Zinc      | 66-2 | 85813 | 86075  | 84037 | 85308   | 1.30   | cps   |
| Zirconium | 90-1 | 99662 | 101164 | 99754 | 100194  | 0.84   | cps   |
| Zirconium | 91-1 | 21701 | 21901  | 22385 | 21995   | 1.60   | cps   |



LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-01LDLX25 Instrumnet Name : P7  
 Client Sample ID : P001-SS012-0006-01LDI Dilution Factor : 25  
 Date & Time Acquired :: 2018-12-27 15:02:12 DataFile Name : 047SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 453714   | 463862   | 463810   | 460462   | 1.27   | cps   |
| Antimony   | 121-1 | 275      | 200      | 142      | 206      | 32.52  | cps   |
| Arsenic    | 75-2  | 663      | 748      | 713      | 708      | 6.05   | cps   |
| Barium     | 135-1 | 143173   | 140084   | 139049   | 140768   | 1.52   | cps   |
| Barium     | 137-1 | 248292   | 245283   | 247186   | 246921   | 0.62   | cps   |
| Beryllium  | 9-1   | 861      | 856      | 817      | 844      | 2.87   | cps   |
| Bismuth    | 209-1 | 7596392  | 7645765  | 7709214  | 7650457  | 0.74   | cps   |
| Bismuth    | 209-2 | 4442088  | 3692661  | 4232344  | 4122365  | 9.38   | cps   |
| Boron      | 10-1  | 1667     | 1458     | 1709     | 1611     | 8.31   | cps   |
| Boron      | 11-1  | 7661     | 7285     | 7961     | 7636     | 4.43   | cps   |
| Cadmium    | 111-1 | 3025     | 3017     | 2908     | 2983     | 2.19   | cps   |
| Cadmium    | 106-1 | 4101     | 4092     | 3934     | 4042     | 2.32   | cps   |
| Cadmium    | 108-1 | 29       | 63       | 42       | 44       | 37.88  | cps   |
| Calcium    | 43-1  | 47636    | 46499    | 45671    | 46602    | 2.12   | cps   |
| Calcium    | 44-1  | 764082   | 758795   | 758352   | 760409   | 0.42   | cps   |
| Chromium   | 52-2  | 16186    | 16199    | 16496    | 16294    | 1.08   | cps   |
| Cobalt     | 59-2  | 18065    | 18171    | 18028    | 18088    | 0.41   | cps   |
| Copper     | 63-2  | 30983    | 30956    | 31875    | 31271    | 1.67   | cps   |
| Dysprosium | 156-1 | 10888    | 10204    | 11464    | 10852    | 5.81   | cps   |
| Dysprosium | 156-2 | 5575     | 5538     | 5631     | 5581     | 0.84   | cps   |
| Erbium     | 164-1 | 9687     | 9045     | 9312     | 9348     | 3.45   | cps   |
| Erbium     | 164-2 | 4507     | 4938     | 4624     | 4690     | 4.74   | cps   |
| Gadolinium | 160-1 | 10638    | 10104    | 10246    | 10329    | 2.68   | cps   |
| Gadolinium | 160-2 | 6065     | 6278     | 6248     | 6197     | 1.86   | cps   |
| Holmium    | 165-1 | 10837514 | 10843007 | 10866438 | 10848986 | 0.14   | cps   |
| Holmium    | 165-2 | 5694392  | 4679828  | 5389838  | 5254686  | 9.91   | cps   |
| Indium     | 115-1 | 8647802  | 8701073  | 8743546  | 8697474  | 0.55   | cps   |
| Indium     | 115-2 | 1644150  | 1367367  | 1569319  | 1526945  | 9.38   | cps   |
| Iron       | 56-2  | 23095548 | 23487596 | 23130681 | 23237942 | 0.93   | cps   |
| Iron       | 57-2  | 552396   | 561178   | 556991   | 556855   | 0.79   | cps   |
| Krypton    | 83-1  | 350      | 357      | 387      | 364      | 5.36   | cps   |
| Lead       | 206-1 | 645215   | 637187   | 634340   | 638914   | 0.88   | cps   |
| Lead       | 207-1 | 535102   | 526201   | 525318   | 528874   | 1.02   | cps   |
| Lead       | 208-1 | 2493072  | 2474695  | 2456329  | 2474699  | 0.74   | cps   |
| Lithium    | 6-1   | 3766948  | 3778821  | 3814997  | 3786922  | 0.66   | cps   |
| Magnesium  | 24-2  | 458183   | 457032   | 458072   | 457762   | 0.14   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-01LDLX25 Instrumnet Name : P7  
 Client Sample ID : P001-SS012-0006-01LDI Dilution Factor : 25  
 Date & Time Acquired :: 2018-12-27 15:02:12 DataFile Name : 047SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 641254   | 655284   | 643518   | 646685   | 1.16   | cps   |
| Molybdenum | 94-1  | 7853     | 8053     | 7811     | 7905     | 1.63   | cps   |
| Molybdenum | 95-1  | 1000     | 808      | 800      | 870      | 13.01  | cps   |
| Molybdenum | 96-1  | 2367     | 2567     | 2709     | 2548     | 6.74   | cps   |
| Molybdenum | 97-1  | 517      | 483      | 542      | 514      | 5.70   | cps   |
| Molybdenum | 98-1  | 1408     | 1392     | 1392     | 1397     | 0.69   | cps   |
| Neodymium  | 150-1 | 11312    | 11565    | 11005    | 11294    | 2.49   | cps   |
| Neodymium  | 150-2 | 4444     | 4367     | 4234     | 4349     | 2.44   | cps   |
| Nickel     | 60-2  | 9893     | 9640     | 9867     | 9800     | 1.42   | cps   |
| Phosphorus | 31-2  | 1417     | 1317     | 1142     | 1292     | 10.78  | cps   |
| Potassium  | 39-2  | 60231    | 60365    | 60725    | 60441    | 0.42   | cps   |
| Rhodium    | 103-1 | 7829616  | 7914631  | 7935574  | 7893274  | 0.71   | cps   |
| Rhodium    | 103-2 | 3560074  | 2954716  | 3398224  | 3304338  | 9.48   | cps   |
| Scandium   | 45-1  | 5954544  | 6002698  | 6019685  | 5992309  | 0.56   | cps   |
| Scandium   | 45-2  | 231679   | 194164   | 221979   | 215940   | 9.02   | cps   |
| Selenium   | 77-2  | 30       | 40       | 23       | 31       | 26.97  | cps   |
| Selenium   | 78-2  | 50       | 59       | 65       | 58       | 12.90  | cps   |
| Selenium   | 82-1  | 46       | 57       | 3        | 36       | 79.61  | cps   |
| Silicon    | 28-1  | 2307112  | 2315835  | 2312341  | 2311763  | 0.19   | cps   |
| Silver     | 109-1 | 158      | 258      | 250      | 222      | 24.97  | cps   |
| Silver     | 107-1 | 250      | 325      | 233      | 269      | 18.12  | cps   |
| Sodium     | 23-2  | 19764    | 19647    | 19997    | 19803    | 0.90   | cps   |
| Strontium  | 86-1  | 23186    | 22510    | 23028    | 22908    | 1.54   | cps   |
| Strontium  | 88-1  | 200441   | 194949   | 194714   | 196701   | 1.65   | cps   |
| Sulfur     | 34-1  | 280151   | 279696   | 277991   | 279280   | 0.41   | cps   |
| Terbium    | 159-1 | 11048076 | 11145182 | 11124270 | 11105842 | 0.46   | cps   |
| Terbium    | 159-2 | 5535296  | 4620412  | 5289185  | 5148297  | 9.20   | cps   |
| Thallium   | 203-1 | 600      | 425      | 508      | 511      | 17.13  | cps   |
| Thallium   | 205-1 | 1208     | 1175     | 1150     | 1178     | 2.48   | cps   |
| Thorium    | 232-1 | 38301    | 38268    | 38278    | 38282    | 0.04   | cps   |
| Tin        | 118-1 | 1342     | 1333     | 1242     | 1306     | 4.25   | cps   |
| Titanium   | 47-1  | 11422    | 11655    | 11805    | 11627    | 1.66   | cps   |
| Uranium    | 238-1 | 4351     | 4601     | 4251     | 4401     | 4.10   | cps   |
| Vanadium   | 51-2  | 12459    | 12689    | 12749    | 12632    | 1.21   | cps   |
| Yttrium    | 89-1  | 9103670  | 9129165  | 9207797  | 9146877  | 0.59   | cps   |
| Yttrium    | 89-2  | 1212399  | 1021984  | 1158253  | 1130879  | 8.68   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB100071              | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-01LDLX25        | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-0006-01LDI | Dilution Factor : | 25        |
| Date & Time Acquired :: | 2018-12-27 15:02:12   | DataFile Name :   | 047SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zinc      | 66-2 | 17674 | 17948 | 17671 | 17764   | 0.90   | cps   |
| Zirconium | 90-1 | 19230 | 20198 | 19781 | 19737   | 2.46   | cps   |
| Zirconium | 91-1 | 4676  | 4443  | 4401  | 4506    | 3.29   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-01MSDLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS012-0006-01MS Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 15:05:47 DataFile Name : 048SMPL.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 2590880   | 2612008   | 2598316   | 2600401   | 0.41   | cps   |
| Antimony   | 121-1 | 481058    | 484949    | 480347    | 482118    | 0.51   | cps   |
| Arsenic    | 75-2  | 29756     | 30024     | 29582     | 29787     | 0.75   | cps   |
| Barium     | 135-1 | 1682643   | 1671954   | 1681624   | 1678740   | 0.35   | cps   |
| Barium     | 137-1 | 2960775   | 2974527   | 2940393   | 2958565   | 0.58   | cps   |
| Beryllium  | 9-1   | 297335    | 298264    | 298348    | 297982    | 0.19   | cps   |
| Bismuth    | 209-1 | 7266106   | 7299669   | 7239551   | 7268442   | 0.41   | cps   |
| Bismuth    | 209-2 | 4158108   | 4191851   | 4149588   | 4166516   | 0.54   | cps   |
| Boron      | 10-1  | 49624     | 50585     | 51932     | 50714     | 2.29   | cps   |
| Boron      | 11-1  | 227536    | 227401    | 230245    | 228394    | 0.70   | cps   |
| Cadmium    | 111-1 | 248913    | 251377    | 249980    | 250090    | 0.49   | cps   |
| Cadmium    | 106-1 | 32714     | 33231     | 32037     | 32661     | 1.83   | cps   |
| Cadmium    | 108-1 | 18800     | 18775     | 19601     | 19059     | 2.46   | cps   |
| Calcium    | 43-1  | 493786    | 483636    | 490893    | 489438    | 1.07   | cps   |
| Calcium    | 44-1  | 7929128   | 7923550   | 7918560   | 7923746   | 0.07   | cps   |
| Chromium   | 52-2  | 323515    | 325073    | 322029    | 323539    | 0.47   | cps   |
| Cobalt     | 59-2  | 492060    | 490706    | 490006    | 490924    | 0.21   | cps   |
| Copper     | 63-2  | 687640    | 688322    | 689183    | 688382    | 0.11   | cps   |
| Dysprosium | 156-1 | 50218     | 50619     | 50126     | 50321     | 0.52   | cps   |
| Dysprosium | 156-2 | 24986     | 25511     | 25314     | 25270     | 1.05   | cps   |
| Erbium     | 164-1 | 44072     | 44130     | 44817     | 44340     | 0.93   | cps   |
| Erbium     | 164-2 | 22222     | 23420     | 22586     | 22743     | 2.70   | cps   |
| Gadolinium | 160-1 | 49206     | 48687     | 48495     | 48796     | 0.75   | cps   |
| Gadolinium | 160-2 | 27942     | 28630     | 28416     | 28329     | 1.24   | cps   |
| Holmium    | 165-1 | 10540731  | 10573563  | 10513842  | 10542712  | 0.28   | cps   |
| Holmium    | 165-2 | 5476099   | 5557978   | 5500387   | 5511488   | 0.76   | cps   |
| Indium     | 115-1 | 8315565   | 8316704   | 8221557   | 8284608   | 0.66   | cps   |
| Indium     | 115-2 | 1547165   | 1566486   | 1555749   | 1556467   | 0.62   | cps   |
| Iron       | 56-2  | 129947442 | 130569595 | 129499567 | 130005534 | 0.41   | cps   |
| Iron       | 57-2  | 3105484   | 3113771   | 3105242   | 3108166   | 0.16   | cps   |
| Krypton    | 83-1  | 420       | 377       | 433       | 410       | 7.23   | cps   |
| Lead       | 206-1 | 3850082   | 3878539   | 3892103   | 3873575   | 0.55   | cps   |
| Lead       | 207-1 | 3247232   | 3228031   | 3249579   | 3241614   | 0.36   | cps   |
| Lead       | 208-1 | 15322900  | 15306467  | 15367210  | 15332193  | 0.20   | cps   |
| Lithium    | 6-1   | 3673080   | 3662225   | 3661245   | 3665517   | 0.18   | cps   |
| Magnesium  | 24-2  | 4445811   | 4545070   | 4489109   | 4493330   | 1.11   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-01MSDLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS012-0006-01MS Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 15:05:47 DataFile Name : 048SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 3406296  | 3412859  | 3381309  | 3400155  | 0.49   | cps   |
| Molybdenum | 94-1  | 1707898  | 1710925  | 1704458  | 1707760  | 0.19   | cps   |
| Molybdenum | 95-1  | 2016324  | 2028903  | 2022511  | 2022580  | 0.31   | cps   |
| Molybdenum | 96-1  | 2242087  | 2241006  | 2237752  | 2240282  | 0.10   | cps   |
| Molybdenum | 97-1  | 1241179  | 1254477  | 1248416  | 1248024  | 0.53   | cps   |
| Molybdenum | 98-1  | 3241328  | 3222481  | 3243908  | 3235905  | 0.36   | cps   |
| Neodymium  | 150-1 | 53786    | 53384    | 53933    | 53701    | 0.53   | cps   |
| Neodymium  | 150-2 | 21070    | 21433    | 21727    | 21410    | 1.54   | cps   |
| Nickel     | 60-2  | 153699   | 154924   | 152257   | 153627   | 0.87   | cps   |
| Phosphorus | 31-2  | 5443     | 5076     | 5168     | 5229     | 3.65   | cps   |
| Potassium  | 39-2  | 1133740  | 1145825  | 1138148  | 1139238  | 0.54   | cps   |
| Rhodium    | 103-1 | 7413273  | 7437245  | 7417277  | 7422598  | 0.17   | cps   |
| Rhodium    | 103-2 | 3323189  | 3341651  | 3329152  | 3331331  | 0.28   | cps   |
| Scandium   | 45-1  | 5907228  | 5910692  | 5859701  | 5892540  | 0.48   | cps   |
| Scandium   | 45-2  | 225536   | 227837   | 223869   | 225747   | 0.88   | cps   |
| Selenium   | 77-2  | 870      | 893      | 873      | 879      | 1.44   | cps   |
| Selenium   | 78-2  | 2715     | 2639     | 2787     | 2714     | 2.73   | cps   |
| Selenium   | 82-1  | 18962    | 19149    | 18859    | 18990    | 0.77   | cps   |
| Silicon    | 28-1  | 13051856 | 12923269 | 12957933 | 12977686 | 0.51   | cps   |
| Silver     | 109-1 | 1012578  | 1006019  | 1004124  | 1007574  | 0.44   | cps   |
| Silver     | 107-1 | 1048536  | 1042696  | 1045340  | 1045524  | 0.28   | cps   |
| Sodium     | 23-2  | 3788968  | 3844069  | 3823209  | 3818749  | 0.73   | cps   |
| Strontium  | 86-1  | 390072   | 391480   | 393643   | 391732   | 0.46   | cps   |
| Strontium  | 88-1  | 3390803  | 3401729  | 3408245  | 3400259  | 0.26   | cps   |
| Sulfur     | 34-1  | 317755   | 320291   | 325509   | 321185   | 1.23   | cps   |
| Terbium    | 159-1 | 10755656 | 10878688 | 10833335 | 10822560 | 0.57   | cps   |
| Terbium    | 159-2 | 5337112  | 5377653  | 5323588  | 5346118  | 0.53   | cps   |
| Thallium   | 203-1 | 867880   | 871368   | 871296   | 870181   | 0.23   | cps   |
| Thallium   | 205-1 | 2068208  | 2082841  | 2094271  | 2081773  | 0.63   | cps   |
| Thorium    | 232-1 | 174091   | 172402   | 172870   | 173121   | 0.50   | cps   |
| Tin        | 118-1 | 639634   | 639803   | 634591   | 638009   | 0.46   | cps   |
| Titanium   | 47-1  | 671732   | 662724   | 676470   | 670309   | 1.04   | cps   |
| Uranium    | 238-1 | 3227813  | 3194559  | 3243841  | 3222071  | 0.78   | cps   |
| Vanadium   | 51-2  | 259659   | 258929   | 258960   | 259183   | 0.16   | cps   |
| Yttrium    | 89-1  | 9275678  | 9279907  | 9251050  | 9268878  | 0.17   | cps   |
| Yttrium    | 89-2  | 1230639  | 1231402  | 1216267  | 1226102  | 0.70   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-01MSDLX5       | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-0006-01MS | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 15:05:47  | DataFile Name :   | 048SMPL.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 170161  | 172239  | 170128  | 170843  | 0.71   | cps   |
| Zirconium | 90-1 | 1533064 | 1529272 | 1537052 | 1533129 | 0.25   | cps   |
| Zirconium | 91-1 | 339710  | 340173  | 342793  | 340892  | 0.49   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-01MSDDLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS012-0006-01MS Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 15:09:21 DataFile Name : 049SMPL.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 2610775   | 2635194   | 2602069   | 2616013   | 0.66   | cps   |
| Antimony   | 121-1 | 487696    | 490009    | 493443    | 490383    | 0.59   | cps   |
| Arsenic    | 75-2  | 29925     | 29946     | 30142     | 30004     | 0.40   | cps   |
| Barium     | 135-1 | 1696089   | 1700912   | 1704276   | 1700426   | 0.24   | cps   |
| Barium     | 137-1 | 3002943   | 2987770   | 3002706   | 2997806   | 0.29   | cps   |
| Beryllium  | 9-1   | 304671    | 303773    | 305517    | 304654    | 0.29   | cps   |
| Bismuth    | 209-1 | 6976770   | 7053915   | 7184825   | 7071837   | 1.49   | cps   |
| Bismuth    | 209-2 | 4189670   | 4175874   | 4217918   | 4194487   | 0.51   | cps   |
| Boron      | 10-1  | 52208     | 53981     | 54758     | 53649     | 2.44   | cps   |
| Boron      | 11-1  | 234247    | 238858    | 241671    | 238259    | 1.57   | cps   |
| Cadmium    | 111-1 | 251913    | 253093    | 252603    | 252536    | 0.23   | cps   |
| Cadmium    | 106-1 | 32329     | 32213     | 32087     | 32210     | 0.38   | cps   |
| Cadmium    | 108-1 | 19055     | 19718     | 19276     | 19350     | 1.75   | cps   |
| Calcium    | 43-1  | 495525    | 496804    | 492909    | 495079    | 0.40   | cps   |
| Calcium    | 44-1  | 8044719   | 7991484   | 8066278   | 8034160   | 0.48   | cps   |
| Chromium   | 52-2  | 324810    | 330134    | 325689    | 326878    | 0.87   | cps   |
| Cobalt     | 59-2  | 491730    | 500444    | 497666    | 496614    | 0.90   | cps   |
| Copper     | 63-2  | 686643    | 695034    | 696085    | 692587    | 0.75   | cps   |
| Dysprosium | 156-1 | 49799     | 51598     | 50327     | 50575     | 1.83   | cps   |
| Dysprosium | 156-2 | 26262     | 26386     | 25871     | 26173     | 1.03   | cps   |
| Erbium     | 164-1 | 45393     | 44900     | 44942     | 45078     | 0.61   | cps   |
| Erbium     | 164-2 | 23020     | 23547     | 22909     | 23159     | 1.47   | cps   |
| Gadolinium | 160-1 | 49072     | 50553     | 49348     | 49658     | 1.59   | cps   |
| Gadolinium | 160-2 | 28734     | 28907     | 28967     | 28869     | 0.42   | cps   |
| Holmium    | 165-1 | 10183352  | 10356816  | 10482314  | 10340827  | 1.45   | cps   |
| Holmium    | 165-2 | 5525779   | 5495898   | 5563801   | 5528492   | 0.62   | cps   |
| Indium     | 115-1 | 7936167   | 8043472   | 8229305   | 8069648   | 1.84   | cps   |
| Indium     | 115-2 | 1563974   | 1563700   | 1574306   | 1567326   | 0.39   | cps   |
| Iron       | 56-2  | 130754417 | 131793886 | 130677478 | 131075260 | 0.48   | cps   |
| Iron       | 57-2  | 3103420   | 3169439   | 3148672   | 3140511   | 1.07   | cps   |
| Krypton    | 83-1  | 457       | 387       | 337       | 393       | 15.32  | cps   |
| Lead       | 206-1 | 3941565   | 3915672   | 3956102   | 3937780   | 0.52   | cps   |
| Lead       | 207-1 | 3308897   | 3299196   | 3308656   | 3305583   | 0.17   | cps   |
| Lead       | 208-1 | 15597380  | 15546706  | 15617703  | 15587263  | 0.23   | cps   |
| Lithium    | 6-1   | 3549204   | 3591431   | 3644523   | 3595053   | 1.33   | cps   |
| Magnesium  | 24-2  | 4479478   | 4633817   | 4566588   | 4559961   | 1.70   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-01MSDDLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS012-0006-01MS Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 15:09:21 DataFile Name : 049SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 3398764  | 3464948  | 3446719  | 3436810  | 0.99   | cps   |
| Molybdenum | 94-1  | 1737739  | 1718948  | 1735896  | 1730861  | 0.60   | cps   |
| Molybdenum | 95-1  | 2052193  | 2049613  | 2059354  | 2053720  | 0.25   | cps   |
| Molybdenum | 96-1  | 2266753  | 2269314  | 2272975  | 2269681  | 0.14   | cps   |
| Molybdenum | 97-1  | 1265933  | 1257581  | 1268796  | 1264104  | 0.46   | cps   |
| Molybdenum | 98-1  | 3289479  | 3257231  | 3288248  | 3278319  | 0.56   | cps   |
| Neodymium  | 150-1 | 55057    | 54040    | 54890    | 54662    | 1.00   | cps   |
| Neodymium  | 150-2 | 21410    | 22388    | 21657    | 21819    | 2.33   | cps   |
| Nickel     | 60-2  | 155215   | 155026   | 155743   | 155328   | 0.24   | cps   |
| Phosphorus | 31-2  | 5259     | 5243     | 5760     | 5421     | 5.42   | cps   |
| Potassium  | 39-2  | 1145955  | 1158059  | 1150403  | 1151472  | 0.53   | cps   |
| Rhodium    | 103-1 | 7096773  | 7245819  | 7314718  | 7219104  | 1.54   | cps   |
| Rhodium    | 103-2 | 3350123  | 3329822  | 3373167  | 3351037  | 0.65   | cps   |
| Scandium   | 45-1  | 5630409  | 5717853  | 5827210  | 5725157  | 1.72   | cps   |
| Scandium   | 45-2  | 226717   | 225451   | 225144   | 225771   | 0.37   | cps   |
| Selenium   | 77-2  | 873      | 900      | 913      | 896      | 2.27   | cps   |
| Selenium   | 78-2  | 2687     | 2645     | 2954     | 2762     | 6.07   | cps   |
| Selenium   | 82-1  | 19160    | 19290    | 19562    | 19337    | 1.06   | cps   |
| Silicon    | 28-1  | 13081789 | 13104586 | 13096778 | 13094384 | 0.09   | cps   |
| Silver     | 109-1 | 1010825  | 1020329  | 1028451  | 1019868  | 0.86   | cps   |
| Silver     | 107-1 | 1056604  | 1060453  | 1061742  | 1059600  | 0.25   | cps   |
| Sodium     | 23-2  | 3841493  | 3881864  | 3880477  | 3867945  | 0.59   | cps   |
| Strontium  | 86-1  | 403263   | 397860   | 398954   | 400026   | 0.71   | cps   |
| Strontium  | 88-1  | 3453820  | 3431438  | 3466253  | 3450504  | 0.51   | cps   |
| Sulfur     | 34-1  | 320805   | 319040   | 318122   | 319322   | 0.43   | cps   |
| Terbium    | 159-1 | 10387699 | 10644494 | 10723978 | 10585390 | 1.66   | cps   |
| Terbium    | 159-2 | 5398484  | 5329411  | 5377165  | 5368353  | 0.66   | cps   |
| Thallium   | 203-1 | 885686   | 888916   | 892249   | 888951   | 0.37   | cps   |
| Thallium   | 205-1 | 2125641  | 2125188  | 2135060  | 2128630  | 0.26   | cps   |
| Thorium    | 232-1 | 177183   | 175679   | 178438   | 177100   | 0.78   | cps   |
| Tin        | 118-1 | 644301   | 643610   | 650271   | 646061   | 0.57   | cps   |
| Titanium   | 47-1  | 675894   | 678372   | 679863   | 678043   | 0.30   | cps   |
| Uranium    | 238-1 | 3279314  | 3283780  | 3318291  | 3293795  | 0.65   | cps   |
| Vanadium   | 51-2  | 258988   | 265459   | 261839   | 262095   | 1.24   | cps   |
| Yttrium    | 89-1  | 8932137  | 9023470  | 9188163  | 9047923  | 1.43   | cps   |
| Yttrium    | 89-2  | 1241006  | 1230103  | 1235519  | 1235543  | 0.44   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-01MSDDLX5      | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-0006-01MS | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 15:09:21  | DataFile Name :   | 049SMPL.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 170300  | 174649  | 173746  | 172899  | 1.33   | cps   |
| Zirconium | 90-1 | 1559093 | 1537632 | 1551711 | 1549479 | 0.70   | cps   |
| Zirconium | 91-1 | 347365  | 344835  | 348573  | 346925  | 0.55   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-01ADLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS012-0006-01ADL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 15:12:56 DataFile Name : 050SMPL.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 2555488   | 2586264   | 2571844   | 2571199   | 0.60   | cps   |
| Antimony   | 121-1 | 488069    | 481170    | 482524    | 483921    | 0.76   | cps   |
| Arsenic    | 75-2  | 29244     | 29560     | 29866     | 29557     | 1.05   | cps   |
| Barium     | 135-1 | 1714795   | 1676838   | 1679555   | 1690396   | 1.25   | cps   |
| Barium     | 137-1 | 3016923   | 2993310   | 2983942   | 2998058   | 0.57   | cps   |
| Beryllium  | 9-1   | 302501    | 302502    | 303011    | 302671    | 0.10   | cps   |
| Bismuth    | 209-1 | 7291349   | 7219979   | 7224667   | 7245332   | 0.55   | cps   |
| Bismuth    | 209-2 | 4084983   | 4091723   | 4119501   | 4098736   | 0.45   | cps   |
| Boron      | 10-1  | 53579     | 53336     | 54499     | 53805     | 1.14   | cps   |
| Boron      | 11-1  | 233225    | 239230    | 239223    | 237226    | 1.46   | cps   |
| Cadmium    | 111-1 | 252871    | 251535    | 250962    | 251789    | 0.39   | cps   |
| Cadmium    | 106-1 | 31770     | 31862     | 31870     | 31834     | 0.17   | cps   |
| Cadmium    | 108-1 | 19860     | 19184     | 19660     | 19568     | 1.77   | cps   |
| Calcium    | 43-1  | 484997    | 488298    | 483620    | 485638    | 0.50   | cps   |
| Calcium    | 44-1  | 7816581   | 7827393   | 7804082   | 7816019   | 0.15   | cps   |
| Chromium   | 52-2  | 321672    | 325651    | 324722    | 324015    | 0.64   | cps   |
| Cobalt     | 59-2  | 486901    | 491968    | 490872    | 489914    | 0.54   | cps   |
| Copper     | 63-2  | 687761    | 693429    | 690550    | 690580    | 0.41   | cps   |
| Dysprosium | 156-1 | 51992     | 50444     | 50009     | 50815     | 2.05   | cps   |
| Dysprosium | 156-2 | 26249     | 26102     | 26963     | 26438     | 1.74   | cps   |
| Erbium     | 164-1 | 46246     | 45870     | 45519     | 45878     | 0.79   | cps   |
| Erbium     | 164-2 | 22869     | 23116     | 22582     | 22856     | 1.17   | cps   |
| Gadolinium | 160-1 | 49783     | 49072     | 50084     | 49646     | 1.05   | cps   |
| Gadolinium | 160-2 | 29218     | 28984     | 28911     | 29038     | 0.55   | cps   |
| Holmium    | 165-1 | 10627215  | 10531694  | 10528430  | 10562446  | 0.53   | cps   |
| Holmium    | 165-2 | 5394256   | 5444217   | 5447843   | 5428772   | 0.55   | cps   |
| Indium     | 115-1 | 8250081   | 8191228   | 8228913   | 8223407   | 0.36   | cps   |
| Indium     | 115-2 | 1513115   | 1532316   | 1528006   | 1524479   | 0.66   | cps   |
| Iron       | 56-2  | 130132214 | 130125353 | 129220489 | 129826019 | 0.40   | cps   |
| Iron       | 57-2  | 3105960   | 3128335   | 3120140   | 3118145   | 0.36   | cps   |
| Krypton    | 83-1  | 450       | 430       | 380       | 420       | 8.58   | cps   |
| Lead       | 206-1 | 4105911   | 4013115   | 4048191   | 4055739   | 1.16   | cps   |
| Lead       | 207-1 | 3401062   | 3362578   | 3381400   | 3381680   | 0.57   | cps   |
| Lead       | 208-1 | 16101557  | 15954172  | 15958265  | 16004664  | 0.52   | cps   |
| Lithium    | 6-1   | 3621257   | 3620970   | 3618888   | 3620372   | 0.04   | cps   |
| Magnesium  | 24-2  | 4485139   | 4568607   | 4517791   | 4523846   | 0.93   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-01ADLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS012-0006-01ADL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 15:12:56 DataFile Name : 050SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 3390354  | 3415546  | 3404880  | 3403593  | 0.37   | cps   |
| Molybdenum | 94-1  | 1725486  | 1726026  | 1711206  | 1720906  | 0.49   | cps   |
| Molybdenum | 95-1  | 2041234  | 2055173  | 2040595  | 2045667  | 0.40   | cps   |
| Molybdenum | 96-1  | 2264419  | 2256877  | 2235422  | 2252239  | 0.67   | cps   |
| Molybdenum | 97-1  | 1256561  | 1265050  | 1269437  | 1263683  | 0.52   | cps   |
| Molybdenum | 98-1  | 3282273  | 3261797  | 3276394  | 3273488  | 0.32   | cps   |
| Neodymium  | 150-1 | 55572    | 52943    | 54033    | 54183    | 2.44   | cps   |
| Neodymium  | 150-2 | 21260    | 21530    | 21414    | 21401    | 0.63   | cps   |
| Nickel     | 60-2  | 151264   | 153652   | 154514   | 153143   | 1.10   | cps   |
| Phosphorus | 31-2  | 5193     | 5343     | 5251     | 5262     | 1.44   | cps   |
| Potassium  | 39-2  | 1121455  | 1130522  | 1138169  | 1130049  | 0.74   | cps   |
| Rhodium    | 103-1 | 7336211  | 7313109  | 7370308  | 7339876  | 0.39   | cps   |
| Rhodium    | 103-2 | 3246018  | 3287763  | 3278509  | 3270763  | 0.67   | cps   |
| Scandium   | 45-1  | 5892332  | 5823479  | 5836762  | 5850858  | 0.62   | cps   |
| Scandium   | 45-2  | 218706   | 219416   | 220645   | 219589   | 0.45   | cps   |
| Selenium   | 77-2  | 910      | 863      | 847      | 873      | 3.76   | cps   |
| Selenium   | 78-2  | 2548     | 2754     | 2745     | 2682     | 4.33   | cps   |
| Selenium   | 82-1  | 19284    | 18900    | 19141    | 19108    | 1.02   | cps   |
| Silicon    | 28-1  | 13771037 | 13801171 | 13839170 | 13803792 | 0.25   | cps   |
| Silver     | 109-1 | 1020928  | 1018591  | 1017590  | 1019036  | 0.17   | cps   |
| Silver     | 107-1 | 1045814  | 1050635  | 1046774  | 1047741  | 0.24   | cps   |
| Sodium     | 23-2  | 3805306  | 3825583  | 3823503  | 3818131  | 0.29   | cps   |
| Strontium  | 86-1  | 397950   | 391711   | 392759   | 394140   | 0.85   | cps   |
| Strontium  | 88-1  | 3444242  | 3411740  | 3432339  | 3429440  | 0.48   | cps   |
| Sulfur     | 34-1  | 316189   | 319813   | 322879   | 319627   | 1.05   | cps   |
| Terbium    | 159-1 | 10823357 | 10757782 | 10713982 | 10765040 | 0.51   | cps   |
| Terbium    | 159-2 | 5250450  | 5269855  | 5316344  | 5278883  | 0.64   | cps   |
| Thallium   | 203-1 | 897292   | 893097   | 881408   | 890599   | 0.92   | cps   |
| Thallium   | 205-1 | 2141450  | 2121753  | 2117737  | 2126980  | 0.60   | cps   |
| Thorium    | 232-1 | 178774   | 176349   | 177352   | 177492   | 0.69   | cps   |
| Tin        | 118-1 | 646216   | 639001   | 637308   | 640842   | 0.74   | cps   |
| Titanium   | 47-1  | 681794   | 683643   | 676964   | 680800   | 0.51   | cps   |
| Uranium    | 238-1 | 3299270  | 3320364  | 3295965  | 3305200  | 0.40   | cps   |
| Vanadium   | 51-2  | 257438   | 259964   | 261313   | 259572   | 0.76   | cps   |
| Yttrium    | 89-1  | 9229980  | 9219848  | 9209025  | 9219617  | 0.11   | cps   |
| Yttrium    | 89-2  | 1196763  | 1207807  | 1214569  | 1206380  | 0.75   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB100071              | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-01ADLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-0006-01ADL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 15:12:56   | DataFile Name :   | 050SMPL.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 171878  | 172549  | 172289  | 172239  | 0.20   | cps   |
| Zirconium | 90-1 | 1553748 | 1550714 | 1550529 | 1551664 | 0.12   | cps   |
| Zirconium | 91-1 | 349806  | 344683  | 348486  | 347658  | 0.77   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-02DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS012-0612-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 15:16:31 DataFile Name : 051SMPL.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 2627379   | 2606626   | 2636901   | 2623635   | 0.59   | cps   |
| Antimony   | 121-1 | 700       | 683       | 842       | 742       | 11.73  | cps   |
| Arsenic    | 75-2  | 3515      | 3463      | 3321      | 3433      | 2.93   | cps   |
| Barium     | 135-1 | 707453    | 710610    | 708975    | 709013    | 0.22   | cps   |
| Barium     | 137-1 | 1262471   | 1240524   | 1248400   | 1250465   | 0.89   | cps   |
| Beryllium  | 9-1   | 4429      | 4601      | 4329      | 4453      | 3.09   | cps   |
| Bismuth    | 209-1 | 7480201   | 7352784   | 7344914   | 7392633   | 1.03   | cps   |
| Bismuth    | 209-2 | 4218642   | 4194945   | 4224010   | 4212533   | 0.37   | cps   |
| Boron      | 10-1  | 3876      | 3659      | 3476      | 3670      | 5.46   | cps   |
| Boron      | 11-1  | 16918     | 16401     | 15392     | 16237     | 4.78   | cps   |
| Cadmium    | 111-1 | 3854      | 3789      | 3912      | 3852      | 1.60   | cps   |
| Cadmium    | 106-1 | 4468      | 4534      | 4609      | 4537      | 1.56   | cps   |
| Cadmium    | 108-1 | 242       | 217       | 217       | 225       | 6.42   | cps   |
| Calcium    | 43-1  | 104265    | 103846    | 102706    | 103606    | 0.78   | cps   |
| Calcium    | 44-1  | 1659183   | 1655320   | 1659123   | 1657876   | 0.13   | cps   |
| Chromium   | 52-2  | 80314     | 78605     | 78488     | 79136     | 1.29   | cps   |
| Cobalt     | 59-2  | 79919     | 81314     | 80740     | 80658     | 0.87   | cps   |
| Copper     | 63-2  | 135409    | 137001    | 135961    | 136124    | 0.59   | cps   |
| Dysprosium | 156-1 | 50570     | 50034     | 49917     | 50174     | 0.69   | cps   |
| Dysprosium | 156-2 | 25437     | 25941     | 26068     | 25816     | 1.29   | cps   |
| Erbium     | 164-1 | 44724     | 44658     | 44114     | 44499     | 0.75   | cps   |
| Erbium     | 164-2 | 22953     | 22576     | 23424     | 22984     | 1.85   | cps   |
| Gadolinium | 160-1 | 47191     | 47977     | 48579     | 47916     | 1.45   | cps   |
| Gadolinium | 160-2 | 27558     | 27140     | 27832     | 27510     | 1.27   | cps   |
| Holmium    | 165-1 | 10826809  | 10568853  | 10628563  | 10674742  | 1.27   | cps   |
| Holmium    | 165-2 | 5496686   | 5508860   | 5541836   | 5515794   | 0.42   | cps   |
| Indium     | 115-1 | 8478218   | 8332951   | 8407880   | 8406350   | 0.86   | cps   |
| Indium     | 115-2 | 1564428   | 1566096   | 1568247   | 1566257   | 0.12   | cps   |
| Iron       | 56-2  | 117794264 | 117168930 | 117122153 | 117361782 | 0.32   | cps   |
| Iron       | 57-2  | 2781445   | 2804646   | 2803174   | 2796421   | 0.46   | cps   |
| Krypton    | 83-1  | 387       | 403       | 403       | 398       | 2.42   | cps   |
| Lead       | 206-1 | 4486295   | 4445173   | 4441105   | 4457525   | 0.56   | cps   |
| Lead       | 207-1 | 3713679   | 3664229   | 3666331   | 3681413   | 0.76   | cps   |
| Lead       | 208-1 | 17603018  | 17465309  | 17455375  | 17507901  | 0.47   | cps   |
| Lithium    | 6-1   | 3663414   | 3630046   | 3639178   | 3644213   | 0.47   | cps   |
| Magnesium  | 24-2  | 1983799   | 1965964   | 1992146   | 1980636   | 0.68   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-02DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS012-0612-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 15:16:31 DataFile Name : 051SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 2199099  | 2207183  | 2213044  | 2206442  | 0.32   | cps   |
| Molybdenum | 94-1  | 37743    | 37768    | 37609    | 37706    | 0.23   | cps   |
| Molybdenum | 95-1  | 5993     | 5201     | 5810     | 5668     | 7.31   | cps   |
| Molybdenum | 96-1  | 14041    | 14591    | 13499    | 14044    | 3.89   | cps   |
| Molybdenum | 97-1  | 3667     | 3609     | 3651     | 3642     | 0.83   | cps   |
| Molybdenum | 98-1  | 9587     | 8836     | 8962     | 9128     | 4.40   | cps   |
| Neodymium  | 150-1 | 54562    | 54615    | 55050    | 54743    | 0.49   | cps   |
| Neodymium  | 150-2 | 21570    | 21858    | 22238    | 21889    | 1.53   | cps   |
| Nickel     | 60-2  | 42003    | 43852    | 42492    | 42782    | 2.24   | cps   |
| Phosphorus | 31-2  | 4851     | 4718     | 4734     | 4768     | 1.52   | cps   |
| Potassium  | 39-2  | 204080   | 201912   | 203315   | 203102   | 0.54   | cps   |
| Rhodium    | 103-1 | 7612541  | 7496009  | 7556062  | 7554871  | 0.77   | cps   |
| Rhodium    | 103-2 | 3348107  | 3355173  | 3398809  | 3367363  | 0.82   | cps   |
| Scandium   | 45-1  | 5887864  | 5851542  | 5883449  | 5874285  | 0.34   | cps   |
| Scandium   | 45-2  | 225046   | 224423   | 225739   | 225069   | 0.29   | cps   |
| Selenium   | 77-2  | 133      | 123      | 113      | 123      | 8.11   | cps   |
| Selenium   | 78-2  | 130      | 157      | 130      | 139      | 11.55  | cps   |
| Selenium   | 82-1  | 178      | 177      | 144      | 166      | 11.70  | cps   |
| Silicon    | 28-1  | 9642359  | 9632655  | 9685038  | 9653350  | 0.29   | cps   |
| Silver     | 109-1 | 1167     | 1117     | 1050     | 1111     | 5.27   | cps   |
| Silver     | 107-1 | 1208     | 1358     | 1233     | 1267     | 6.34   | cps   |
| Sodium     | 23-2  | 77148    | 76763    | 76177    | 76696    | 0.64   | cps   |
| Strontium  | 86-1  | 67074    | 65291    | 65785    | 66050    | 1.39   | cps   |
| Strontium  | 88-1  | 568792   | 568833   | 564993   | 567540   | 0.39   | cps   |
| Sulfur     | 34-1  | 315257   | 315156   | 312941   | 314451   | 0.42   | cps   |
| Terbium    | 159-1 | 10986157 | 10755114 | 10801977 | 10847749 | 1.13   | cps   |
| Terbium    | 159-2 | 5339946  | 5354252  | 5375862  | 5356686  | 0.34   | cps   |
| Thallium   | 203-1 | 1750     | 2009     | 2209     | 1989     | 11.55  | cps   |
| Thallium   | 205-1 | 5285     | 4701     | 4659     | 4882     | 7.16   | cps   |
| Thorium    | 232-1 | 199328   | 199086   | 197614   | 198676   | 0.47   | cps   |
| Tin        | 118-1 | 4051     | 4201     | 3551     | 3934     | 8.65   | cps   |
| Titanium   | 47-1  | 49593    | 50353    | 50705    | 50217    | 1.13   | cps   |
| Uranium    | 238-1 | 23522    | 23197    | 23422    | 23380    | 0.71   | cps   |
| Vanadium   | 51-2  | 72035    | 70169    | 71489    | 71231    | 1.35   | cps   |
| Yttrium    | 89-1  | 9375592  | 9220362  | 9221127  | 9272360  | 0.96   | cps   |
| Yttrium    | 89-2  | 1226274  | 1221926  | 1229918  | 1226040  | 0.33   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-02DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-0612-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 15:16:31  | DataFile Name :   | 051SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zinc      | 66-2 | 84087 | 83839 | 84131 | 84019   | 0.19   | cps   |
| Zirconium | 90-1 | 92003 | 93396 | 93178 | 92859   | 0.81   | cps   |
| Zirconium | 91-1 | 20991 | 20833 | 20974 | 20933   | 0.42   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-03DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS012-1218-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 15:20:06 DataFile Name : 052SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2382554  | 2399290  | 2384126  | 2388657  | 0.39   | cps   |
| Antimony   | 121-1 | 817      | 675      | 683      | 725      | 10.97  | cps   |
| Arsenic    | 75-2  | 2706     | 2773     | 2645     | 2708     | 2.36   | cps   |
| Barium     | 135-1 | 750465   | 741695   | 732397   | 741519   | 1.22   | cps   |
| Barium     | 137-1 | 1330634  | 1299889  | 1288265  | 1306263  | 1.68   | cps   |
| Beryllium  | 9-1   | 3973     | 4128     | 3873     | 3991     | 3.23   | cps   |
| Bismuth    | 209-1 | 7488061  | 7470802  | 7406966  | 7455276  | 0.57   | cps   |
| Bismuth    | 209-2 | 4234823  | 4230015  | 4229059  | 4231299  | 0.07   | cps   |
| Boron      | 10-1  | 3100     | 2784     | 2584     | 2823     | 9.23   | cps   |
| Boron      | 11-1  | 13090    | 12672    | 11914    | 12559    | 4.75   | cps   |
| Cadmium    | 111-1 | 3546     | 3517     | 3188     | 3417     | 5.83   | cps   |
| Cadmium    | 106-1 | 4293     | 4192     | 3976     | 4154     | 3.90   | cps   |
| Cadmium    | 108-1 | 125      | 150      | 154      | 143      | 11.03  | cps   |
| Calcium    | 43-1  | 108253   | 107128   | 103855   | 106412   | 2.15   | cps   |
| Calcium    | 44-1  | 1735654  | 1699596  | 1696360  | 1710537  | 1.28   | cps   |
| Chromium   | 52-2  | 71733    | 71405    | 71784    | 71641    | 0.29   | cps   |
| Cobalt     | 59-2  | 69959    | 70414    | 71208    | 70527    | 0.90   | cps   |
| Copper     | 63-2  | 119597   | 119332   | 121059   | 119996   | 0.77   | cps   |
| Dysprosium | 156-1 | 50075    | 50243    | 48119    | 49479    | 2.39   | cps   |
| Dysprosium | 156-2 | 24909    | 24742    | 24789    | 24814    | 0.35   | cps   |
| Erbium     | 164-1 | 42818    | 42459    | 41824    | 42367    | 1.19   | cps   |
| Erbium     | 164-2 | 20933    | 21571    | 21704    | 21403    | 1.93   | cps   |
| Gadolinium | 160-1 | 46380    | 46329    | 45385    | 46031    | 1.22   | cps   |
| Gadolinium | 160-2 | 26118    | 26219    | 26620    | 26319    | 1.01   | cps   |
| Holmium    | 165-1 | 10829729 | 10691769 | 10707906 | 10743134 | 0.70   | cps   |
| Holmium    | 165-2 | 5537692  | 5506651  | 5502873  | 5515739  | 0.35   | cps   |
| Indium     | 115-1 | 8549298  | 8486834  | 8439264  | 8491798  | 0.65   | cps   |
| Indium     | 115-2 | 1574482  | 1559030  | 1575628  | 1569713  | 0.59   | cps   |
| Iron       | 56-2  | 98243416 | 97666286 | 97469455 | 97793052 | 0.41   | cps   |
| Iron       | 57-2  | 2330438  | 2330022  | 2329521  | 2329993  | 0.02   | cps   |
| Krypton    | 83-1  | 413      | 430      | 433      | 426      | 2.52   | cps   |
| Lead       | 206-1 | 2949576  | 2893932  | 2878777  | 2907428  | 1.28   | cps   |
| Lead       | 207-1 | 2421555  | 2377243  | 2360731  | 2386509  | 1.32   | cps   |
| Lead       | 208-1 | 11332626 | 11185153 | 11083470 | 11200416 | 1.12   | cps   |
| Lithium    | 6-1   | 3698969  | 3653833  | 3639054  | 3663952  | 0.85   | cps   |
| Magnesium  | 24-2  | 1745285  | 1739655  | 1747409  | 1744116  | 0.23   | cps   |



LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-03DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS012-1218-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 15:20:06 DataFile Name : 052SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 2144433  | 2141687  | 2141299  | 2142473  | 0.08   | cps   |
| Molybdenum | 94-1  | 25348    | 25741    | 25398    | 25496    | 0.84   | cps   |
| Molybdenum | 95-1  | 4868     | 4926     | 5034     | 4943     | 1.71   | cps   |
| Molybdenum | 96-1  | 11305    | 11297    | 11105    | 11235    | 1.01   | cps   |
| Molybdenum | 97-1  | 2950     | 3117     | 2842     | 2970     | 4.67   | cps   |
| Molybdenum | 98-1  | 7861     | 8053     | 7527     | 7814     | 3.40   | cps   |
| Neodymium  | 150-1 | 54180    | 54415    | 54944    | 54513    | 0.72   | cps   |
| Neodymium  | 150-2 | 22028    | 21237    | 22091    | 21785    | 2.19   | cps   |
| Nickel     | 60-2  | 36779    | 37879    | 36947    | 37202    | 1.59   | cps   |
| Phosphorus | 31-2  | 4326     | 4109     | 4393     | 4276     | 3.47   | cps   |
| Potassium  | 39-2  | 178577   | 177963   | 180020   | 178854   | 0.59   | cps   |
| Rhodium    | 103-1 | 7702276  | 7631769  | 7572886  | 7635644  | 0.85   | cps   |
| Rhodium    | 103-2 | 3356889  | 3377496  | 3385434  | 3373273  | 0.44   | cps   |
| Scandium   | 45-1  | 5963824  | 5891243  | 5909061  | 5921376  | 0.64   | cps   |
| Scandium   | 45-2  | 222054   | 227601   | 223867   | 224507   | 1.26   | cps   |
| Selenium   | 77-2  | 97       | 113      | 93       | 101      | 10.60  | cps   |
| Selenium   | 78-2  | 122      | 109      | 104      | 112      | 8.50   | cps   |
| Selenium   | 82-1  | 194      | 142      | 122      | 153      | 24.36  | cps   |
| Silicon    | 28-1  | 11872713 | 11818965 | 11731874 | 11807851 | 0.60   | cps   |
| Silver     | 109-1 | 1709     | 1684     | 1717     | 1703     | 1.02   | cps   |
| Silver     | 107-1 | 1950     | 2142     | 2184     | 2092     | 5.95   | cps   |
| Sodium     | 23-2  | 72643    | 71035    | 71069    | 71582    | 1.28   | cps   |
| Strontium  | 86-1  | 71755    | 72441    | 71277    | 71824    | 0.81   | cps   |
| Strontium  | 88-1  | 629555   | 611066   | 608874   | 616498   | 1.84   | cps   |
| Sulfur     | 34-1  | 317992   | 314108   | 311937   | 314679   | 0.97   | cps   |
| Terbium    | 159-1 | 11033774 | 11053941 | 10850806 | 10979507 | 1.02   | cps   |
| Terbium    | 159-2 | 5382842  | 5314129  | 5358577  | 5351849  | 0.65   | cps   |
| Thallium   | 203-1 | 2134     | 2100     | 2025     | 2086     | 2.66   | cps   |
| Thallium   | 205-1 | 4909     | 5243     | 5009     | 5054     | 3.39   | cps   |
| Thorium    | 232-1 | 163711   | 159030   | 158986   | 160576   | 1.69   | cps   |
| Tin        | 118-1 | 4343     | 3792     | 3901     | 4012     | 7.27   | cps   |
| Titanium   | 47-1  | 54543    | 54710    | 54820    | 54691    | 0.25   | cps   |
| Uranium    | 238-1 | 20926    | 21201    | 21385    | 21171    | 1.09   | cps   |
| Vanadium   | 51-2  | 65719    | 66439    | 66251    | 66136    | 0.56   | cps   |
| Yttrium    | 89-1  | 9475344  | 9333802  | 9345418  | 9384855  | 0.84   | cps   |
| Yttrium    | 89-2  | 1228682  | 1226114  | 1229471  | 1228089  | 0.14   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-03DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-1218-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 15:20:06  | DataFile Name :   | 052SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zinc      | 66-2 | 65124 | 65463 | 66002 | 65530   | 0.68   | cps   |
| Zirconium | 90-1 | 62546 | 60989 | 59366 | 60967   | 2.61   | cps   |
| Zirconium | 91-1 | 13323 | 13582 | 13515 | 13474   | 1.00   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-04DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-1824-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 15:23:40  | DataFile Name :   | 053SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 2583721   | 2576690   | 2579155   | 2579855   | 0.14   | cps   |
| Antimony   | 121-1 | 367       | 408       | 458       | 411       | 11.16  | cps   |
| Arsenic    | 75-2  | 2611      | 2597      | 2548      | 2585      | 1.27   | cps   |
| Barium     | 135-1 | 577284    | 565996    | 570075    | 571118    | 1.00   | cps   |
| Barium     | 137-1 | 1010043   | 996429    | 1002450   | 1002974   | 0.68   | cps   |
| Beryllium  | 9-1   | 3634      | 3695      | 3423      | 3584      | 3.99   | cps   |
| Bismuth    | 209-1 | 7330720   | 7371724   | 7386365   | 7362936   | 0.39   | cps   |
| Bismuth    | 209-2 | 4186743   | 4200408   | 4186958   | 4191370   | 0.19   | cps   |
| Boron      | 10-1  | 2400      | 1967      | 2350      | 2239      | 10.59  | cps   |
| Boron      | 11-1  | 9645      | 9829      | 9337      | 9603      | 2.59   | cps   |
| Cadmium    | 111-1 | 3400      | 3253      | 3535      | 3396      | 4.15   | cps   |
| Cadmium    | 106-1 | 4343      | 4234      | 4509      | 4362      | 3.18   | cps   |
| Cadmium    | 108-1 | 158       | 158       | 108       | 142       | 20.38  | cps   |
| Calcium    | 43-1  | 48656     | 46775     | 48672     | 48034     | 2.27   | cps   |
| Calcium    | 44-1  | 785989    | 769308    | 775938    | 777078    | 1.08   | cps   |
| Chromium   | 52-2  | 70876     | 71603     | 71770     | 71416     | 0.67   | cps   |
| Cobalt     | 59-2  | 88585     | 90537     | 89611     | 89578     | 1.09   | cps   |
| Copper     | 63-2  | 95466     | 96364     | 96260     | 96030     | 0.51   | cps   |
| Dysprosium | 156-1 | 35622     | 36057     | 34929     | 35536     | 1.60   | cps   |
| Dysprosium | 156-2 | 17525     | 17645     | 17561     | 17577     | 0.35   | cps   |
| Erbium     | 164-1 | 30519     | 29082     | 30752     | 30118     | 3.00   | cps   |
| Erbium     | 164-2 | 14905     | 15476     | 15619     | 15333     | 2.46   | cps   |
| Gadolinium | 160-1 | 31103     | 31446     | 30752     | 31100     | 1.11   | cps   |
| Gadolinium | 160-2 | 18115     | 17852     | 18262     | 18077     | 1.15   | cps   |
| Holmium    | 165-1 | 10554375  | 10656708  | 10738003  | 10649695  | 0.86   | cps   |
| Holmium    | 165-2 | 5450628   | 5460800   | 5443815   | 5451748   | 0.16   | cps   |
| Indium     | 115-1 | 8334267   | 8495800   | 8415501   | 8415189   | 0.96   | cps   |
| Indium     | 115-2 | 1564589   | 1556636   | 1559445   | 1560223   | 0.26   | cps   |
| Iron       | 56-2  | 107337297 | 106858019 | 107120922 | 107105413 | 0.22   | cps   |
| Iron       | 57-2  | 2531916   | 2552947   | 2552035   | 2545632   | 0.47   | cps   |
| Krypton    | 83-1  | 430       | 330       | 323       | 361       | 16.55  | cps   |
| Lead       | 206-1 | 916683    | 905438    | 907082    | 909734    | 0.67   | cps   |
| Lead       | 207-1 | 760786    | 746445    | 750477    | 752569    | 0.98   | cps   |
| Lead       | 208-1 | 3573182   | 3492173   | 3522020   | 3529125   | 1.16   | cps   |
| Lithium    | 6-1   | 3619980   | 3644691   | 3649853   | 3638175   | 0.44   | cps   |
| Magnesium  | 24-2  | 1853558   | 1852019   | 1857884   | 1854487   | 0.16   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-04DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-1824-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 15:23:40  | DataFile Name :   | 053SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1856831  | 1883510  | 1877215  | 1872519  | 0.74   | cps   |
| Molybdenum | 94-1  | 26993    | 26876    | 27435    | 27102    | 1.09   | cps   |
| Molybdenum | 95-1  | 3517     | 3476     | 3434     | 3476     | 1.20   | cps   |
| Molybdenum | 96-1  | 10221    | 9812     | 10304    | 10112    | 2.60   | cps   |
| Molybdenum | 97-1  | 2175     | 2234     | 2242     | 2217     | 1.64   | cps   |
| Molybdenum | 98-1  | 5410     | 5485     | 4968     | 5287     | 5.28   | cps   |
| Neodymium  | 150-1 | 38314    | 38488    | 37906    | 38236    | 0.78   | cps   |
| Neodymium  | 150-2 | 15415    | 14978    | 15255    | 15216    | 1.45   | cps   |
| Nickel     | 60-2  | 40439    | 41345    | 41338    | 41041    | 1.27   | cps   |
| Phosphorus | 31-2  | 3784     | 3576     | 4084     | 3815     | 6.70   | cps   |
| Potassium  | 39-2  | 151406   | 151701   | 152998   | 152035   | 0.56   | cps   |
| Rhodium    | 103-1 | 7512321  | 7645860  | 7554685  | 7570955  | 0.90   | cps   |
| Rhodium    | 103-2 | 3364205  | 3337634  | 3332050  | 3344630  | 0.51   | cps   |
| Scandium   | 45-1  | 5800565  | 5882622  | 5857466  | 5846885  | 0.72   | cps   |
| Scandium   | 45-2  | 222590   | 222289   | 221783   | 222221   | 0.18   | cps   |
| Selenium   | 77-2  | 67       | 80       | 43       | 63       | 29.31  | cps   |
| Selenium   | 78-2  | 126      | 109      | 104      | 113      | 10.24  | cps   |
| Selenium   | 82-1  | 102      | 198      | 205      | 169      | 34.19  | cps   |
| Silicon    | 28-1  | 11515860 | 11300179 | 11410300 | 11408780 | 0.95   | cps   |
| Silver     | 109-1 | 1042     | 875      | 958      | 958      | 8.70   | cps   |
| Silver     | 107-1 | 1158     | 1133     | 1050     | 1114     | 5.09   | cps   |
| Sodium     | 23-2  | 79427    | 77936    | 78087    | 78483    | 1.05   | cps   |
| Strontium  | 86-1  | 36238    | 36397    | 36498    | 36378    | 0.36   | cps   |
| Strontium  | 88-1  | 304645   | 300244   | 304299   | 303063   | 0.81   | cps   |
| Sulfur     | 34-1  | 292774   | 291807   | 291515   | 292032   | 0.23   | cps   |
| Terbium    | 159-1 | 10845561 | 10908142 | 10866418 | 10873374 | 0.29   | cps   |
| Terbium    | 159-2 | 5336182  | 5343725  | 5323736  | 5334548  | 0.19   | cps   |
| Thallium   | 203-1 | 1725     | 2084     | 1792     | 1867     | 10.21  | cps   |
| Thallium   | 205-1 | 4526     | 4459     | 4634     | 4540     | 1.95   | cps   |
| Thorium    | 232-1 | 156877   | 153276   | 158221   | 156125   | 1.64   | cps   |
| Tin        | 118-1 | 2242     | 2109     | 2242     | 2197     | 3.50   | cps   |
| Titanium   | 47-1  | 49676    | 49007    | 49743    | 49475    | 0.82   | cps   |
| Uranium    | 238-1 | 17604    | 17412    | 17721    | 17579    | 0.89   | cps   |
| Vanadium   | 51-2  | 62438    | 64035    | 64146    | 63540    | 1.50   | cps   |
| Yttrium    | 89-1  | 9095535  | 9156015  | 9157632  | 9136394  | 0.39   | cps   |
| Yttrium    | 89-2  | 1204593  | 1197032  | 1191816  | 1197814  | 0.54   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-04DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS012-1824-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 15:23:40  | DataFile Name :   | 053SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zinc      | 66-2 | 61081 | 60344 | 60833 | 60753   | 0.62   | cps   |
| Zirconium | 90-1 | 68238 | 65977 | 69887 | 68034   | 2.88   | cps   |
| Zirconium | 91-1 | 15317 | 14825 | 15576 | 15239   | 2.50   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100071            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV27               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV27               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-12-27 15:31:07 | DataFile Name :   | 054CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 4808969   | 4821831   | 4830907   | 4820569   | 0.23   | cps   |
| Antimony   | 121-1 | 3845503   | 3891821   | 3889765   | 3875697   | 0.68   | cps   |
| Arsenic    | 75-2  | 119357    | 119112    | 119978    | 119483    | 0.37   | cps   |
| Barium     | 135-1 | 4886958   | 4903919   | 4939427   | 4910101   | 0.55   | cps   |
| Barium     | 137-1 | 8645337   | 8810859   | 8829086   | 8761760   | 1.16   | cps   |
| Beryllium  | 9-1   | 1327967   | 1337454   | 1353732   | 1339718   | 0.97   | cps   |
| Bismuth    | 209-1 | 6200531   | 6255867   | 6347858   | 6268085   | 1.19   | cps   |
| Bismuth    | 209-2 | 3646478   | 3644712   | 3674239   | 3655143   | 0.45   | cps   |
| Boron      | 10-1  | 235197    | 242588    | 249227    | 242337    | 2.90   | cps   |
| Boron      | 11-1  | 1047887   | 1077034   | 1109057   | 1077993   | 2.84   | cps   |
| Cadmium    | 111-1 | 1188564   | 1184057   | 1199949   | 1190857   | 0.69   | cps   |
| Cadmium    | 106-1 | 137242    | 139782    | 138891    | 138638    | 0.93   | cps   |
| Cadmium    | 108-1 | 91812     | 94391     | 93518     | 93240     | 1.41   | cps   |
| Calcium    | 43-1  | 6962362   | 6993447   | 7094291   | 7016700   | 0.98   | cps   |
| Calcium    | 44-1  | 111864103 | 113607532 | 114771090 | 113414241 | 1.29   | cps   |
| Chromium   | 52-2  | 1161406   | 1164426   | 1164608   | 1163480   | 0.15   | cps   |
| Cobalt     | 59-2  | 1831425   | 1842876   | 1848481   | 1840928   | 0.47   | cps   |
| Copper     | 63-2  | 2577085   | 2582571   | 2599651   | 2586436   | 0.46   | cps   |
| Dysprosium | 156-1 | 117       | 133       | 142       | 131       | 9.75   | cps   |
| Dysprosium | 156-2 | 73        | 143       | 103       | 107       | 32.93  | cps   |
| Erbium     | 164-1 | 42        | 25        | 58        | 42        | 40.00  | cps   |
| Erbium     | 164-2 | 13        | 27        | 30        | 23        | 37.81  | cps   |
| Gadolinium | 160-1 | 75        | 108       | 83        | 89        | 19.52  | cps   |
| Gadolinium | 160-2 | 163       | 197       | 147       | 169       | 15.07  | cps   |
| Holmium    | 165-1 | 10176789  | 10169162  | 10333686  | 10226546  | 0.91   | cps   |
| Holmium    | 165-2 | 5259928   | 5261294   | 5259625   | 5260282   | 0.02   | cps   |
| Indium     | 115-1 | 7454394   | 7486276   | 7534599   | 7491756   | 0.54   | cps   |
| Indium     | 115-2 | 1397835   | 1407971   | 1426866   | 1410891   | 1.04   | cps   |
| Iron       | 56-2  | 256440639 | 257311522 | 257169950 | 256974037 | 0.18   | cps   |
| Iron       | 57-2  | 6286719   | 6320629   | 6314992   | 6307447   | 0.29   | cps   |
| Krypton    | 83-1  | 343       | 400       | 393       | 379       | 8.18   | cps   |
| Lead       | 206-1 | 3334720   | 3376277   | 3426700   | 3379232   | 1.36   | cps   |
| Lead       | 207-1 | 3087279   | 3094340   | 3157766   | 3113128   | 1.25   | cps   |
| Lead       | 208-1 | 13980021  | 14044816  | 14296898  | 14107245  | 1.19   | cps   |
| Lithium    | 6-1   | 3297647   | 3321738   | 3388672   | 3336019   | 1.41   | cps   |
| Magnesium  | 24-2  | 50294831  | 50883808  | 51191674  | 50790105  | 0.90   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100071            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV27               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV27               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-12-27 15:31:07 | DataFile Name :   | 054CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1443471  | 1444742  | 1446302  | 1444838  | 0.10   | cps   |
| Molybdenum | 94-1  | 8262550  | 8273743  | 8356961  | 8297751  | 0.62   | cps   |
| Molybdenum | 95-1  | 10126558 | 10157659 | 10283013 | 10189077 | 0.81   | cps   |
| Molybdenum | 96-1  | 11079714 | 11189502 | 11346763 | 11205326 | 1.20   | cps   |
| Molybdenum | 97-1  | 6194167  | 6271662  | 6350421  | 6272083  | 1.25   | cps   |
| Molybdenum | 98-1  | 16078810 | 16070189 | 16484772 | 16211257 | 1.46   | cps   |
| Neodymium  | 150-1 | 573      | 720      | 573      | 622      | 13.61  | cps   |
| Neodymium  | 150-2 | 73       | 63       | 80       | 72       | 11.62  | cps   |
| Nickel     | 60-2  | 466833   | 471702   | 470211   | 469582   | 0.53   | cps   |
| Phosphorus | 31-2  | 47326    | 48329    | 48212    | 47956    | 1.14   | cps   |
| Potassium  | 39-2  | 22347294 | 22310196 | 22567622 | 22408371 | 0.62   | cps   |
| Rhodium    | 103-1 | 6389338  | 6456289  | 6492476  | 6446034  | 0.81   | cps   |
| Rhodium    | 103-2 | 2890015  | 2935970  | 2925994  | 2917326  | 0.83   | cps   |
| Scandium   | 45-1  | 5313205  | 5346920  | 5408273  | 5356133  | 0.90   | cps   |
| Scandium   | 45-2  | 211006   | 212622   | 213820   | 212483   | 0.66   | cps   |
| Selenium   | 77-2  | 3851     | 4024     | 3831     | 3902     | 2.73   | cps   |
| Selenium   | 78-2  | 12709    | 12784    | 12707    | 12733    | 0.34   | cps   |
| Selenium   | 82-1  | 89471    | 90218    | 89979    | 89889    | 0.42   | cps   |
| Silicon    | 28-1  | 3914536  | 4034967  | 4098601  | 4016035  | 2.33   | cps   |
| Silver     | 109-1 | 5008644  | 5040299  | 5072733  | 5040559  | 0.64   | cps   |
| Silver     | 107-1 | 5171711  | 5186685  | 5206075  | 5188157  | 0.33   | cps   |
| Sodium     | 23-2  | 95578333 | 96768065 | 97164900 | 96503766 | 0.86   | cps   |
| Strontium  | 86-1  | 1365620  | 1370072  | 1392431  | 1376041  | 1.04   | cps   |
| Strontium  | 88-1  | 11945702 | 11968472 | 12225570 | 12046581 | 1.29   | cps   |
| Sulfur     | 34-1  | 887042   | 900147   | 902090   | 896426   | 0.91   | cps   |
| Terbium    | 159-1 | 10264973 | 10372345 | 10484463 | 10373927 | 1.06   | cps   |
| Terbium    | 159-2 | 5074083  | 5076575  | 5106962  | 5085874  | 0.36   | cps   |
| Thallium   | 203-1 | 4165449  | 4192643  | 4233996  | 4197363  | 0.82   | cps   |
| Thallium   | 205-1 | 10199256 | 10261133 | 10450895 | 10303761 | 1.27   | cps   |
| Thorium    | 232-1 | 16489112 | 16839105 | 16887081 | 16738432 | 1.30   | cps   |
| Tin        | 118-1 | 3422851  | 3453300  | 3473469  | 3449873  | 0.74   | cps   |
| Titanium   | 47-1  | 3096510  | 3086183  | 3123488  | 3102060  | 0.62   | cps   |
| Uranium    | 238-1 | 16115358 | 16459464 | 16626390 | 16400404 | 1.59   | cps   |
| Vanadium   | 51-2  | 939041   | 943360   | 942710   | 941703   | 0.25   | cps   |
| Yttrium    | 89-1  | 7996937  | 8061214  | 8167564  | 8075238  | 1.07   | cps   |
| Yttrium    | 89-2  | 1079369  | 1080303  | 1087707  | 1082460  | 0.42   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100071            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV27               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV27               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-12-27 15:31:07 | DataFile Name :   | 054CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 443368  | 445011  | 449745  | 446041  | 0.74   | cps   |
| Zirconium | 90-1 | 6986439 | 7008059 | 7062485 | 7018994 | 0.56   | cps   |
| Zirconium | 91-1 | 1538927 | 1550107 | 1559536 | 1549523 | 0.67   | cps   |



LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : CCB27 Instrumnet Name : P7  
 Client Sample ID : CCB27 Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 15:40:08 DataFile Name : 056CCBE.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 150      | 150      | 200      | 167      | 17.32  | cps   |
| Antimony   | 121-1 | 375      | 383      | 417      | 392      | 5.63   | cps   |
| Arsenic    | 75-2  | 9        | 4        | 9        | 7        | 43.34  | cps   |
| Barium     | 135-1 | 117      | 92       | 108      | 106      | 12.06  | cps   |
| Barium     | 137-1 | 200      | 225      | 225      | 217      | 6.66   | cps   |
| Beryllium  | 9-1   | 167      | 133      | 167      | 156      | 12.37  | cps   |
| Bismuth    | 209-1 | 7826668  | 7890001  | 7782939  | 7833203  | 0.69   | cps   |
| Bismuth    | 209-2 | 4456937  | 4471787  | 4473173  | 4467299  | 0.20   | cps   |
| Boron      | 10-1  | 2959     | 2700     | 2659     | 2773     | 5.86   | cps   |
| Boron      | 11-1  | 11446    | 11722    | 11922    | 11697    | 2.04   | cps   |
| Cadmium    | 111-1 | 2799     | 2876     | 2913     | 2863     | 2.03   | cps   |
| Cadmium    | 106-1 | 3967     | 4067     | 4134     | 4056     | 2.07   | cps   |
| Cadmium    | 108-1 | 17       | 0        | 21       | 13       | 88.19  | cps   |
| Calcium    | 43-1  | 183      | 183      | 158      | 175      | 8.25   | cps   |
| Calcium    | 44-1  | 4092     | 4551     | 4784     | 4476     | 7.86   | cps   |
| Chromium   | 52-2  | 620      | 673      | 660      | 651      | 4.26   | cps   |
| Cobalt     | 59-2  | 87       | 103      | 87       | 92       | 10.44  | cps   |
| Copper     | 63-2  | 407      | 377      | 433      | 406      | 6.99   | cps   |
| Dysprosium | 156-1 | 8        | 17       | 0        | 8        | 100.02 | cps   |
| Dysprosium | 156-2 | 3        | 0        | 0        | 1        | 173.21 | cps   |
| Erbium     | 164-1 | 25       | 25       | 17       | 22       | 21.64  | cps   |
| Erbium     | 164-2 | 17       | 23       | 23       | 21       | 18.21  | cps   |
| Gadolinium | 160-1 | 67       | 50       | 75       | 64       | 19.92  | cps   |
| Gadolinium | 160-2 | 213      | 127      | 237      | 192      | 30.15  | cps   |
| Holmium    | 165-1 | 10961933 | 11085115 | 10939675 | 10995574 | 0.71   | cps   |
| Holmium    | 165-2 | 5684583  | 5717917  | 5701356  | 5701286  | 0.29   | cps   |
| Indium     | 115-1 | 9044950  | 9109675  | 8944644  | 9033090  | 0.92   | cps   |
| Indium     | 115-2 | 1685399  | 1685422  | 1704096  | 1691639  | 0.64   | cps   |
| Iron       | 56-2  | 12873    | 12411    | 11416    | 12233    | 6.09   | cps   |
| Iron       | 57-2  | 394      | 383      | 367      | 381      | 3.67   | cps   |
| Krypton    | 83-1  | 397      | 440      | 387      | 408      | 6.95   | cps   |
| Lead       | 206-1 | 1145     | 1128     | 1183     | 1152     | 2.48   | cps   |
| Lead       | 207-1 | 1145     | 883      | 900      | 976      | 14.98  | cps   |
| Lead       | 208-1 | 4723     | 4456     | 4662     | 4613     | 3.03   | cps   |
| Lithium    | 6-1   | 3965009  | 3976516  | 3935664  | 3959063  | 0.53   | cps   |
| Magnesium  | 24-2  | 1492     | 1458     | 1458     | 1470     | 1.31   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB27               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB27               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 15:40:08 | DataFile Name :   | 056CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Manganese  | 55-2  | 117      | 117      | 120      | 118      | 1.63    | cps   |
| Molybdenum | 94-1  | 442      | 458      | 467      | 456      | 2.80    | cps   |
| Molybdenum | 95-1  | 500      | 275      | 233      | 336      | 42.68   | cps   |
| Molybdenum | 96-1  | 542      | 425      | 483      | 483      | 12.07   | cps   |
| Molybdenum | 97-1  | 283      | 133      | 192      | 203      | 37.29   | cps   |
| Molybdenum | 98-1  | 733      | 592      | 517      | 614      | 17.92   | cps   |
| Neodymium  | 150-1 | 13       | 0        | 0        | 4        | 173.21  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Nickel     | 60-2  | 20       | 60       | 67       | 49       | 51.63   | cps   |
| Phosphorus | 31-2  | 200      | 242      | 250      | 231      | 11.62   | cps   |
| Potassium  | 39-2  | 17236    | 16743    | 16660    | 16880    | 1.84    | cps   |
| Rhodium    | 103-1 | 8167328  | 8236489  | 8117344  | 8173720  | 0.73    | cps   |
| Rhodium    | 103-2 | 3643576  | 3662345  | 3670978  | 3658966  | 0.38    | cps   |
| Scandium   | 45-1  | 6256921  | 6260866  | 6171324  | 6229703  | 0.81    | cps   |
| Scandium   | 45-2  | 238468   | 238509   | 239939   | 238972   | 0.35    | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Selenium   | 78-2  | 59       | 46       | 52       | 52       | 12.39   | cps   |
| Selenium   | 82-1  | 14       | -45      | -1       | -11      | -288.19 | cps   |
| Silicon    | 28-1  | 215667   | 212740   | 215386   | 214597   | 0.75    | cps   |
| Silver     | 109-1 | 142      | 117      | 175      | 144      | 20.26   | cps   |
| Silver     | 107-1 | 233      | 158      | 225      | 206      | 20.00   | cps   |
| Sodium     | 23-2  | 13315    | 12606    | 12606    | 12842    | 3.19    | cps   |
| Strontium  | 86-1  | 650      | 508      | 542      | 567      | 13.07   | cps   |
| Strontium  | 88-1  | 267      | 325      | 300      | 297      | 9.85    | cps   |
| Sulfur     | 34-1  | 386058   | 384730   | 387055   | 385948   | 0.30    | cps   |
| Terbium    | 159-1 | 11315650 | 11347755 | 11213521 | 11292309 | 0.62    | cps   |
| Terbium    | 159-2 | 5525299  | 5570540  | 5585511  | 5560450  | 0.56    | cps   |
| Thallium   | 203-1 | 508      | 500      | 533      | 514      | 3.38    | cps   |
| Thallium   | 205-1 | 1208     | 1083     | 1067     | 1120     | 6.92    | cps   |
| Thorium    | 232-1 | 550      | 572      | 539      | 554      | 3.06    | cps   |
| Tin        | 118-1 | 750      | 700      | 875      | 775      | 11.63   | cps   |
| Titanium   | 47-1  | 158      | 75       | 108      | 114      | 36.83   | cps   |
| Uranium    | 238-1 | 242      | 192      | 300      | 244      | 22.18   | cps   |
| Vanadium   | 51-2  | 7        | 23       | 3        | 11       | 96.43   | cps   |
| Yttrium    | 89-1  | 9319213  | 9289980  | 9226337  | 9278510  | 0.51    | cps   |
| Yttrium    | 89-2  | 1233524  | 1234602  | 1226758  | 1231628  | 0.35    | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB27               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB27               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 15:40:08 | DataFile Name :   | 056CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zinc      | 66-2 | 177  | 230  | 203  | 203     | 13.12  | cps   |
| Zirconium | 90-1 | 758  | 725  | 617  | 700     | 10.58  | cps   |
| Zirconium | 91-1 | 150  | 200  | 183  | 178     | 14.32  | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-05DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS013-0006-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 15:43:42 DataFile Name : 057SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1974446  | 1929392  | 1969197  | 1957678  | 1.26   | cps   |
| Antimony   | 121-1 | 1083     | 1058     | 1200     | 1114     | 6.79   | cps   |
| Arsenic    | 75-2  | 2837     | 2830     | 2986     | 2884     | 3.04   | cps   |
| Barium     | 135-1 | 705384   | 696326   | 688110   | 696607   | 1.24   | cps   |
| Barium     | 137-1 | 1232428  | 1233921  | 1210916  | 1225755  | 1.05   | cps   |
| Beryllium  | 9-1   | 3717     | 3634     | 3467     | 3606     | 3.53   | cps   |
| Bismuth    | 209-1 | 7731306  | 7767933  | 7642586  | 7713942  | 0.84   | cps   |
| Bismuth    | 209-2 | 4329202  | 4294895  | 4397410  | 4340502  | 1.20   | cps   |
| Boron      | 10-1  | 3584     | 3342     | 3826     | 3584     | 6.74   | cps   |
| Boron      | 11-1  | 16618    | 15859    | 16134    | 16204    | 2.37   | cps   |
| Cadmium    | 111-1 | 5146     | 4567     | 4732     | 4815     | 6.18   | cps   |
| Cadmium    | 106-1 | 4951     | 4601     | 4509     | 4687     | 4.97   | cps   |
| Cadmium    | 108-1 | 238      | 225      | 225      | 229      | 3.15   | cps   |
| Calcium    | 43-1  | 213157   | 211904   | 208684   | 211249   | 1.09   | cps   |
| Calcium    | 44-1  | 3412221  | 3401923  | 3342813  | 3385653  | 1.11   | cps   |
| Chromium   | 52-2  | 59389    | 57923    | 58492    | 58601    | 1.26   | cps   |
| Cobalt     | 59-2  | 62068    | 62111    | 63463    | 62547    | 1.27   | cps   |
| Copper     | 63-2  | 151347   | 149886   | 151198   | 150810   | 0.53   | cps   |
| Dysprosium | 156-1 | 42751    | 43060    | 42475    | 42762    | 0.68   | cps   |
| Dysprosium | 156-2 | 21787    | 21931    | 21744    | 21821    | 0.45   | cps   |
| Erbium     | 164-1 | 36843    | 37453    | 35848    | 36714    | 2.21   | cps   |
| Erbium     | 164-2 | 18566    | 18076    | 19010    | 18551    | 2.52   | cps   |
| Gadolinium | 160-1 | 40486    | 41990    | 40895    | 41124    | 1.89   | cps   |
| Gadolinium | 160-2 | 23554    | 23170    | 23514    | 23412    | 0.90   | cps   |
| Holmium    | 165-1 | 11277479 | 11198223 | 11067667 | 11181123 | 0.95   | cps   |
| Holmium    | 165-2 | 5655187  | 5565248  | 5660685  | 5627040  | 0.95   | cps   |
| Indium     | 115-1 | 8920746  | 8960976  | 8847602  | 8909775  | 0.65   | cps   |
| Indium     | 115-2 | 1639929  | 1611163  | 1649607  | 1633566  | 1.22   | cps   |
| Iron       | 56-2  | 85116344 | 83117685 | 84844235 | 84359421 | 1.28   | cps   |
| Iron       | 57-2  | 2014694  | 2000013  | 2026850  | 2013852  | 0.67   | cps   |
| Krypton    | 83-1  | 473      | 330      | 457      | 420      | 18.66  | cps   |
| Lead       | 206-1 | 1179527  | 1176262  | 1168960  | 1174916  | 0.46   | cps   |
| Lead       | 207-1 | 994919   | 994877   | 988213   | 992670   | 0.39   | cps   |
| Lead       | 208-1 | 4645657  | 4635698  | 4593648  | 4625001  | 0.60   | cps   |
| Lithium    | 6-1   | 3986790  | 3983108  | 3942881  | 3970926  | 0.61   | cps   |
| Magnesium  | 24-2  | 1483318  | 1450630  | 1487621  | 1473856  | 1.37   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-05DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS013-0006-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 15:43:42  | DataFile Name :   | 057SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 3034730  | 2980889  | 3068050  | 3027890  | 1.45   | cps   |
| Molybdenum | 94-1  | 25532    | 26584    | 26467    | 26194    | 2.20   | cps   |
| Molybdenum | 95-1  | 5501     | 5059     | 5218     | 5260     | 4.26   | cps   |
| Molybdenum | 96-1  | 11121    | 11447    | 11397    | 11322    | 1.55   | cps   |
| Molybdenum | 97-1  | 3142     | 3151     | 2917     | 3070     | 4.31   | cps   |
| Molybdenum | 98-1  | 7994     | 8144     | 7894     | 8011     | 1.57   | cps   |
| Neodymium  | 150-1 | 45068    | 45630    | 45235    | 45311    | 0.64   | cps   |
| Neodymium  | 150-2 | 17858    | 17341    | 18082    | 17761    | 2.14   | cps   |
| Nickel     | 60-2  | 33248    | 32510    | 32917    | 32892    | 1.12   | cps   |
| Phosphorus | 31-2  | 5601     | 6001     | 5910     | 5837     | 3.59   | cps   |
| Potassium  | 39-2  | 206562   | 201645   | 206256   | 204821   | 1.34   | cps   |
| Rhodium    | 103-1 | 8088014  | 8063123  | 8007391  | 8052843  | 0.51   | cps   |
| Rhodium    | 103-2 | 3524900  | 3470152  | 3564746  | 3519932  | 1.35   | cps   |
| Scandium   | 45-1  | 6289990  | 6300060  | 6203441  | 6264497  | 0.85   | cps   |
| Scandium   | 45-2  | 235582   | 232234   | 237705   | 235174   | 1.17   | cps   |
| Selenium   | 77-2  | 73       | 77       | 93       | 81       | 13.22  | cps   |
| Selenium   | 78-2  | 100      | 126      | 119      | 115      | 11.63  | cps   |
| Selenium   | 82-1  | 171      | 247      | 171      | 196      | 22.31  | cps   |
| Silicon    | 28-1  | 11651011 | 11618401 | 11590854 | 11620089 | 0.26   | cps   |
| Silver     | 109-1 | 1133     | 900      | 1142     | 1058     | 12.96  | cps   |
| Silver     | 107-1 | 1092     | 1150     | 1083     | 1108     | 3.28   | cps   |
| Sodium     | 23-2  | 67101    | 66138    | 67728    | 66989    | 1.20   | cps   |
| Strontium  | 86-1  | 87298    | 89955    | 88581    | 88611    | 1.50   | cps   |
| Strontium  | 88-1  | 765064   | 761448   | 760783   | 762432   | 0.30   | cps   |
| Sulfur     | 34-1  | 423372   | 403806   | 396028   | 407735   | 3.46   | cps   |
| Terbium    | 159-1 | 11488409 | 11496520 | 11397089 | 11460673 | 0.48   | cps   |
| Terbium    | 159-2 | 5520606  | 5438376  | 5568644  | 5509209  | 1.20   | cps   |
| Thallium   | 203-1 | 1375     | 1567     | 1342     | 1428     | 8.50   | cps   |
| Thallium   | 205-1 | 3476     | 3451     | 3401     | 3442     | 1.11   | cps   |
| Thorium    | 232-1 | 121687   | 122366   | 122091   | 122048   | 0.28   | cps   |
| Tin        | 118-1 | 5385     | 5601     | 5801     | 5596     | 3.73   | cps   |
| Titanium   | 47-1  | 57672    | 56358    | 56333    | 56788    | 1.35   | cps   |
| Uranium    | 238-1 | 21569    | 21652    | 22044    | 21755    | 1.17   | cps   |
| Vanadium   | 51-2  | 55263    | 53928    | 56056    | 55082    | 1.95   | cps   |
| Yttrium    | 89-1  | 9719756  | 9849572  | 9684235  | 9751188  | 0.89   | cps   |
| Yttrium    | 89-2  | 1266285  | 1240810  | 1275339  | 1260811  | 1.42   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-05DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS013-0006-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 15:43:42  | DataFile Name :   | 057SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zinc      | 66-2 | 60368 | 60940 | 61309 | 60872   | 0.78   | cps   |
| Zirconium | 90-1 | 64680 | 64295 | 62278 | 63751   | 2.02   | cps   |
| Zirconium | 91-1 | 14174 | 14099 | 14183 | 14152   | 0.32   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-06DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS013-0612-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 15:47:17 DataFile Name : 058SMPL.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 2576325   | 2583748   | 2615538   | 2591870   | 0.80   | cps   |
| Antimony   | 121-1 | 808       | 817       | 850       | 825       | 2.67   | cps   |
| Arsenic    | 75-2  | 4404      | 4416      | 4373      | 4398      | 0.50   | cps   |
| Barium     | 135-1 | 733268    | 734046    | 731035    | 732783    | 0.21   | cps   |
| Barium     | 137-1 | 1285578   | 1281123   | 1280035   | 1282245   | 0.23   | cps   |
| Beryllium  | 9-1   | 4323      | 4284      | 4640      | 4416      | 4.42   | cps   |
| Bismuth    | 209-1 | 7632047   | 7712906   | 7702321   | 7682424   | 0.57   | cps   |
| Bismuth    | 209-2 | 4341756   | 4379826   | 4478194   | 4399925   | 1.60   | cps   |
| Boron      | 10-1  | 2692      | 2650      | 2825      | 2723      | 3.36   | cps   |
| Boron      | 11-1  | 12164     | 12639     | 13065     | 12622     | 3.57   | cps   |
| Cadmium    | 111-1 | 4169      | 3759      | 3854      | 3927      | 5.46   | cps   |
| Cadmium    | 106-1 | 4743      | 4134      | 4301      | 4393      | 7.16   | cps   |
| Cadmium    | 108-1 | 233       | 217       | 229       | 226       | 3.83   | cps   |
| Calcium    | 43-1  | 146023    | 148942    | 147143    | 147369    | 1.00   | cps   |
| Calcium    | 44-1  | 2370338   | 2390591   | 2377646   | 2379525   | 0.43   | cps   |
| Chromium   | 52-2  | 76601     | 76648     | 76316     | 76522     | 0.23   | cps   |
| Cobalt     | 59-2  | 80043     | 80868     | 80526     | 80479     | 0.52   | cps   |
| Copper     | 63-2  | 166663    | 165844    | 168325    | 166944    | 0.76   | cps   |
| Dysprosium | 156-1 | 48244     | 48211     | 48822     | 48425     | 0.71   | cps   |
| Dysprosium | 156-2 | 24081     | 24449     | 24666     | 24399     | 1.21   | cps   |
| Erbium     | 164-1 | 43011     | 41990     | 42584     | 42528     | 1.20   | cps   |
| Erbium     | 164-2 | 21437     | 21407     | 22465     | 21770     | 2.77   | cps   |
| Gadolinium | 160-1 | 45769     | 46087     | 45811     | 45889     | 0.38   | cps   |
| Gadolinium | 160-2 | 25871     | 26075     | 26225     | 26057     | 0.68   | cps   |
| Holmium    | 165-1 | 11053314  | 11219160  | 11254720  | 11175731  | 0.96   | cps   |
| Holmium    | 165-2 | 5699319   | 5761896   | 5869735   | 5776984   | 1.49   | cps   |
| Indium     | 115-1 | 8788684   | 8845151   | 8924979   | 8852938   | 0.77   | cps   |
| Indium     | 115-2 | 1639824   | 1674159   | 1699305   | 1671096   | 1.79   | cps   |
| Iron       | 56-2  | 113646966 | 113498711 | 114238108 | 113794595 | 0.34   | cps   |
| Iron       | 57-2  | 2685511   | 2703727   | 2720208   | 2703149   | 0.64   | cps   |
| Krypton    | 83-1  | 440       | 410       | 477       | 442       | 7.55   | cps   |
| Lead       | 206-1 | 1329646   | 1340417   | 1336744   | 1335602   | 0.41   | cps   |
| Lead       | 207-1 | 1138755   | 1143859   | 1140902   | 1141172   | 0.22   | cps   |
| Lead       | 208-1 | 5273977   | 5296353   | 5270270   | 5280200   | 0.27   | cps   |
| Lithium    | 6-1   | 3932719   | 3978020   | 3964762   | 3958500   | 0.59   | cps   |
| Magnesium  | 24-2  | 1809150   | 1816975   | 1824803   | 1816976   | 0.43   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-06DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS013-0612-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 15:47:17  | DataFile Name :   | 058SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 2682821  | 2712158  | 2735729  | 2710236  | 0.98   | cps   |
| Molybdenum | 94-1  | 37860    | 36990    | 37015    | 37288    | 1.33   | cps   |
| Molybdenum | 95-1  | 5526     | 5601     | 5201     | 5443     | 3.91   | cps   |
| Molybdenum | 96-1  | 13273    | 13398    | 13824    | 13499    | 2.14   | cps   |
| Molybdenum | 97-1  | 3467     | 3384     | 3359     | 3403     | 1.67   | cps   |
| Molybdenum | 98-1  | 8128     | 8761     | 8895     | 8595     | 4.77   | cps   |
| Neodymium  | 150-1 | 52922    | 52709    | 52247    | 52626    | 0.66   | cps   |
| Neodymium  | 150-2 | 21030    | 20963    | 20809    | 20934    | 0.54   | cps   |
| Nickel     | 60-2  | 41997    | 41927    | 41602    | 41842    | 0.50   | cps   |
| Phosphorus | 31-2  | 5051     | 5243     | 5751     | 5348     | 6.77   | cps   |
| Potassium  | 39-2  | 191352   | 193979   | 194434   | 193255   | 0.86   | cps   |
| Rhodium    | 103-1 | 7978945  | 8057231  | 8013762  | 8016646  | 0.49   | cps   |
| Rhodium    | 103-2 | 3537851  | 3615363  | 3645985  | 3599733  | 1.55   | cps   |
| Scandium   | 45-1  | 6306276  | 6334701  | 6315957  | 6318978  | 0.23   | cps   |
| Scandium   | 45-2  | 239317   | 242611   | 246575   | 242834   | 1.50   | cps   |
| Selenium   | 77-2  | 77       | 110      | 143      | 110      | 30.30  | cps   |
| Selenium   | 78-2  | 152      | 139      | 146      | 146      | 4.46   | cps   |
| Selenium   | 82-1  | 208      | 200      | 181      | 196      | 6.98   | cps   |
| Silicon    | 28-1  | 12350512 | 12433127 | 12355326 | 12379655 | 0.37   | cps   |
| Silver     | 109-1 | 1392     | 1267     | 1400     | 1353     | 5.52   | cps   |
| Silver     | 107-1 | 1692     | 1609     | 1575     | 1625     | 3.70   | cps   |
| Sodium     | 23-2  | 77123    | 76964    | 78363    | 77484    | 0.99   | cps   |
| Strontium  | 86-1  | 67710    | 67283    | 67149    | 67381    | 0.43   | cps   |
| Strontium  | 88-1  | 582168   | 576605   | 578655   | 579143   | 0.49   | cps   |
| Sulfur     | 34-1  | 343654   | 342524   | 338874   | 341684   | 0.73   | cps   |
| Terbium    | 159-1 | 11334744 | 11503277 | 11431084 | 11423035 | 0.74   | cps   |
| Terbium    | 159-2 | 5535677  | 5621826  | 5756475  | 5637993  | 1.97   | cps   |
| Thallium   | 203-1 | 2042     | 1850     | 1925     | 1939     | 4.98   | cps   |
| Thallium   | 205-1 | 4826     | 4676     | 4434     | 4645     | 4.26   | cps   |
| Thorium    | 232-1 | 173607   | 175205   | 174418   | 174410   | 0.46   | cps   |
| Tin        | 118-1 | 4851     | 5193     | 5326     | 5123     | 4.78   | cps   |
| Titanium   | 47-1  | 54986    | 55597    | 56542    | 55709    | 1.41   | cps   |
| Uranium    | 238-1 | 25342    | 24883    | 24632    | 24953    | 1.44   | cps   |
| Vanadium   | 51-2  | 69774    | 71814    | 72293    | 71293    | 1.88   | cps   |
| Yttrium    | 89-1  | 9787029  | 9852667  | 9827903  | 9822533  | 0.34   | cps   |
| Yttrium    | 89-2  | 1276033  | 1302855  | 1320321  | 1299736  | 1.72   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-06DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS013-0612-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 15:47:17  | DataFile Name :   | 058SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zinc      | 66-2 | 67602 | 66869 | 67602 | 67358   | 0.63   | cps   |
| Zirconium | 90-1 | 89647 | 90661 | 89588 | 89965   | 0.67   | cps   |
| Zirconium | 91-1 | 20866 | 20507 | 20248 | 20540   | 1.51   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-07DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS013-1218-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 15:50:51  | DataFile Name :   | 059SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 2737102   | 2742303   | 2755497   | 2744968   | 0.35   | cps   |
| Antimony   | 121-1 | 1067      | 1108      | 1217      | 1131      | 6.85   | cps   |
| Arsenic    | 75-2  | 4278      | 4273      | 4182      | 4244      | 1.27   | cps   |
| Barium     | 135-1 | 768724    | 761874    | 764821    | 765140    | 0.45   | cps   |
| Barium     | 137-1 | 1354879   | 1342246   | 1345172   | 1347432   | 0.49   | cps   |
| Beryllium  | 9-1   | 4451      | 4162      | 4223      | 4278      | 3.56   | cps   |
| Bismuth    | 209-1 | 7622743   | 7580111   | 7653113   | 7618656   | 0.48   | cps   |
| Bismuth    | 209-2 | 4300645   | 4359533   | 4347249   | 4335809   | 0.72   | cps   |
| Boron      | 10-1  | 2309      | 2609      | 2667      | 2528      | 7.61   | cps   |
| Boron      | 11-1  | 10537     | 10754     | 11280     | 10857     | 3.52   | cps   |
| Cadmium    | 111-1 | 3711      | 3979      | 3591      | 3760      | 5.28   | cps   |
| Cadmium    | 106-1 | 4326      | 4784      | 4334      | 4481      | 5.85   | cps   |
| Cadmium    | 108-1 | 179       | 183       | 163       | 175       | 6.30   | cps   |
| Calcium    | 43-1  | 100356    | 99323     | 98535     | 99405     | 0.92   | cps   |
| Calcium    | 44-1  | 1616432   | 1600188   | 1611914   | 1609511   | 0.52   | cps   |
| Chromium   | 52-2  | 78112     | 78243     | 77935     | 78097     | 0.20   | cps   |
| Cobalt     | 59-2  | 80536     | 79772     | 80634     | 80314     | 0.59   | cps   |
| Copper     | 63-2  | 179299    | 179252    | 181203    | 179918    | 0.62   | cps   |
| Dysprosium | 156-1 | 51406     | 50444     | 51557     | 51136     | 1.18   | cps   |
| Dysprosium | 156-2 | 25704     | 26128     | 25871     | 25901     | 0.83   | cps   |
| Erbium     | 164-1 | 45318     | 46071     | 46313     | 45901     | 1.13   | cps   |
| Erbium     | 164-2 | 23741     | 23333     | 23333     | 23469     | 1.00   | cps   |
| Gadolinium | 160-1 | 47174     | 47960     | 47350     | 47495     | 0.87   | cps   |
| Gadolinium | 160-2 | 27812     | 27067     | 27618     | 27499     | 1.41   | cps   |
| Holmium    | 165-1 | 11053635  | 10995192  | 11090607  | 11046478  | 0.44   | cps   |
| Holmium    | 165-2 | 5639544   | 5729712   | 5720145   | 5696467   | 0.87   | cps   |
| Indium     | 115-1 | 8724170   | 8748403   | 8785467   | 8752680   | 0.35   | cps   |
| Indium     | 115-2 | 1620282   | 1633897   | 1639347   | 1631175   | 0.60   | cps   |
| Iron       | 56-2  | 119522919 | 119031447 | 118449417 | 119001261 | 0.45   | cps   |
| Iron       | 57-2  | 2832985   | 2843757   | 2831554   | 2836099   | 0.24   | cps   |
| Krypton    | 83-1  | 423       | 400       | 363       | 396       | 7.65   | cps   |
| Lead       | 206-1 | 1902034   | 1876367   | 1901742   | 1893381   | 0.78   | cps   |
| Lead       | 207-1 | 1627637   | 1607425   | 1614287   | 1616450   | 0.64   | cps   |
| Lead       | 208-1 | 7537749   | 7433762   | 7474398   | 7481970   | 0.70   | cps   |
| Lithium    | 6-1   | 3846628   | 3808491   | 3816504   | 3823875   | 0.53   | cps   |
| Magnesium  | 24-2  | 1740646   | 1732919   | 1750359   | 1741308   | 0.50   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-07DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS013-1218-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 15:50:51  | DataFile Name :   | 059SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 3169072  | 3183855  | 3165503  | 3172810  | 0.31   | cps   |
| Molybdenum | 94-1  | 33691    | 32613    | 34016    | 33440    | 2.20   | cps   |
| Molybdenum | 95-1  | 9012     | 8578     | 8753     | 8781     | 2.48   | cps   |
| Molybdenum | 96-1  | 16126    | 15718    | 16260    | 16035    | 1.76   | cps   |
| Molybdenum | 97-1  | 5451     | 5209     | 5410     | 5357     | 2.41   | cps   |
| Molybdenum | 98-1  | 13357    | 13549    | 13640    | 13515    | 1.07   | cps   |
| Neodymium  | 150-1 | 57260    | 55137    | 56222    | 56206    | 1.89   | cps   |
| Neodymium  | 150-2 | 21858    | 22191    | 22171    | 22073    | 0.85   | cps   |
| Nickel     | 60-2  | 39520    | 40108    | 40255    | 39961    | 0.97   | cps   |
| Phosphorus | 31-2  | 5618     | 5510     | 5443     | 5523     | 1.60   | cps   |
| Potassium  | 39-2  | 169767   | 171953   | 170899   | 170873   | 0.64   | cps   |
| Rhodium    | 103-1 | 7942885  | 7878152  | 7966323  | 7929120  | 0.58   | cps   |
| Rhodium    | 103-2 | 3487919  | 3518370  | 3515132  | 3507141  | 0.48   | cps   |
| Scandium   | 45-1  | 6279622  | 6181599  | 6178047  | 6213089  | 0.93   | cps   |
| Scandium   | 45-2  | 233696   | 235583   | 235384   | 234888   | 0.44   | cps   |
| Selenium   | 77-2  | 113      | 113      | 97       | 108      | 8.93   | cps   |
| Selenium   | 78-2  | 122      | 152      | 150      | 141      | 11.74  | cps   |
| Selenium   | 82-1  | 231      | 228      | 307      | 255      | 17.49  | cps   |
| Silicon    | 28-1  | 13346212 | 13236955 | 13373418 | 13318861 | 0.54   | cps   |
| Silver     | 109-1 | 1600     | 1475     | 1717     | 1597     | 7.57   | cps   |
| Silver     | 107-1 | 1592     | 1458     | 1759     | 1603     | 9.38   | cps   |
| Sodium     | 23-2  | 65000    | 65435    | 65058    | 65164    | 0.36   | cps   |
| Strontium  | 86-1  | 49854    | 49494    | 48742    | 49363    | 1.15   | cps   |
| Strontium  | 88-1  | 428752   | 428489   | 424564   | 427268   | 0.55   | cps   |
| Sulfur     | 34-1  | 326880   | 325222   | 318204   | 323435   | 1.42   | cps   |
| Terbium    | 159-1 | 11309944 | 11301041 | 11339029 | 11316671 | 0.18   | cps   |
| Terbium    | 159-2 | 5508031  | 5568476  | 5594137  | 5556881  | 0.80   | cps   |
| Thallium   | 203-1 | 2192     | 2109     | 2267     | 2189     | 3.62   | cps   |
| Thallium   | 205-1 | 5068     | 5201     | 5176     | 5148     | 1.38   | cps   |
| Thorium    | 232-1 | 187224   | 182745   | 187455   | 185808   | 1.43   | cps   |
| Tin        | 118-1 | 17144    | 16560    | 17854    | 17186    | 3.77   | cps   |
| Titanium   | 47-1  | 56191    | 55280    | 54769    | 55413    | 1.30   | cps   |
| Uranium    | 238-1 | 23021    | 23230    | 23322    | 23191    | 0.66   | cps   |
| Vanadium   | 51-2  | 76233    | 77536    | 77090    | 76953    | 0.86   | cps   |
| Yttrium    | 89-1  | 9725054  | 9770034  | 9759576  | 9751555  | 0.24   | cps   |
| Yttrium    | 89-2  | 1274676  | 1279764  | 1288452  | 1280964  | 0.54   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-07DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS013-1218-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 15:50:51  | DataFile Name :   | 059SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zinc      | 66-2 | 66162 | 65777 | 65845 | 65928   | 0.31   | cps   |
| Zirconium | 90-1 | 76438 | 78080 | 78298 | 77605   | 1.31   | cps   |
| Zirconium | 91-1 | 17419 | 17036 | 16952 | 17136   | 1.45   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-08DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS013-1824-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 15:54:25 DataFile Name : 060SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2323877  | 2326237  | 2331637  | 2327250  | 0.17   | cps   |
| Antimony   | 121-1 | 875      | 992      | 1025     | 964      | 8.17   | cps   |
| Arsenic    | 75-2  | 10887    | 11145    | 11236    | 11089    | 1.63   | cps   |
| Barium     | 135-1 | 742907   | 745503   | 736226   | 741545   | 0.65   | cps   |
| Barium     | 137-1 | 1318310  | 1303679  | 1315585  | 1312525  | 0.59   | cps   |
| Beryllium  | 9-1   | 3523     | 3384     | 3434     | 3447     | 2.04   | cps   |
| Bismuth    | 209-1 | 7626900  | 7668749  | 7567387  | 7621012  | 0.67   | cps   |
| Bismuth    | 209-2 | 4331206  | 4330873  | 4359081  | 4340387  | 0.37   | cps   |
| Boron      | 10-1  | 2359     | 2217     | 2400     | 2325     | 4.13   | cps   |
| Boron      | 11-1  | 10145    | 10162    | 10154    | 10154    | 0.08   | cps   |
| Cadmium    | 111-1 | 4101     | 3867     | 3768     | 3912     | 4.37   | cps   |
| Cadmium    | 106-1 | 4401     | 4284     | 4242     | 4309     | 1.91   | cps   |
| Cadmium    | 108-1 | 192      | 200      | 188      | 193      | 3.29   | cps   |
| Calcium    | 43-1  | 58751    | 57621    | 57730    | 58034    | 1.07   | cps   |
| Calcium    | 44-1  | 935224   | 938541   | 928274   | 934013   | 0.56   | cps   |
| Chromium   | 52-2  | 64008    | 62860    | 63700    | 63523    | 0.94   | cps   |
| Cobalt     | 59-2  | 55745    | 56364    | 55913    | 56008    | 0.57   | cps   |
| Copper     | 63-2  | 210285   | 212001   | 212532   | 211606   | 0.56   | cps   |
| Dysprosium | 156-1 | 39634    | 39458    | 38898    | 39330    | 0.98   | cps   |
| Dysprosium | 156-2 | 19721    | 19050    | 19244    | 19338    | 1.79   | cps   |
| Erbium     | 164-1 | 32966    | 32649    | 33659    | 33091    | 1.56   | cps   |
| Erbium     | 164-2 | 16887    | 16357    | 16694    | 16646    | 1.61   | cps   |
| Gadolinium | 160-1 | 34428    | 34745    | 35079    | 34751    | 0.94   | cps   |
| Gadolinium | 160-2 | 19508    | 20148    | 19895    | 19850    | 1.63   | cps   |
| Holmium    | 165-1 | 10985859 | 11121802 | 10986456 | 11031372 | 0.71   | cps   |
| Holmium    | 165-2 | 5668175  | 5667482  | 5694562  | 5676740  | 0.27   | cps   |
| Indium     | 115-1 | 8684095  | 8789340  | 8709052  | 8727495  | 0.63   | cps   |
| Indium     | 115-2 | 1634509  | 1624142  | 1628782  | 1629144  | 0.32   | cps   |
| Iron       | 56-2  | 99766061 | 99020874 | 99839705 | 99542213 | 0.46   | cps   |
| Iron       | 57-2  | 2373022  | 2368004  | 2364778  | 2368601  | 0.18   | cps   |
| Krypton    | 83-1  | 393      | 407      | 367      | 389      | 5.24   | cps   |
| Lead       | 206-1 | 3234355  | 3214684  | 3200877  | 3216639  | 0.52   | cps   |
| Lead       | 207-1 | 2761783  | 2773933  | 2764944  | 2766887  | 0.23   | cps   |
| Lead       | 208-1 | 13023278 | 13008924 | 12931698 | 12987967 | 0.38   | cps   |
| Lithium    | 6-1   | 3783607  | 3801873  | 3790143  | 3791874  | 0.24   | cps   |
| Magnesium  | 24-2  | 1463116  | 1474609  | 1474116  | 1470613  | 0.44   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-08DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS013-1824-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 15:54:25  | DataFile Name :   | 060SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1443310  | 1449310  | 1455289  | 1449303  | 0.41   | cps   |
| Molybdenum | 94-1  | 22769    | 22410    | 22393    | 22524    | 0.94   | cps   |
| Molybdenum | 95-1  | 5451     | 5226     | 5493     | 5390     | 2.66   | cps   |
| Molybdenum | 96-1  | 10863    | 11288    | 10513    | 10888    | 3.57   | cps   |
| Molybdenum | 97-1  | 3584     | 3184     | 3192     | 3320     | 6.89   | cps   |
| Molybdenum | 98-1  | 8595     | 8478     | 8861     | 8645     | 2.27   | cps   |
| Neodymium  | 150-1 | 43282    | 44352    | 43830    | 43822    | 1.22   | cps   |
| Neodymium  | 150-2 | 17411    | 18079    | 17758    | 17749    | 1.88   | cps   |
| Nickel     | 60-2  | 33024    | 33622    | 33772    | 33473    | 1.18   | cps   |
| Phosphorus | 31-2  | 6010     | 6210     | 5651     | 5957     | 4.75   | cps   |
| Potassium  | 39-2  | 162861   | 163915   | 163888   | 163554   | 0.37   | cps   |
| Rhodium    | 103-1 | 7853353  | 7979129  | 7903874  | 7912119  | 0.80   | cps   |
| Rhodium    | 103-2 | 3512508  | 3511880  | 3510654  | 3511681  | 0.03   | cps   |
| Scandium   | 45-1  | 6141064  | 6142140  | 6110017  | 6131074  | 0.30   | cps   |
| Scandium   | 45-2  | 234130   | 232767   | 234141   | 233679   | 0.34   | cps   |
| Selenium   | 77-2  | 77       | 67       | 117      | 87       | 30.53  | cps   |
| Selenium   | 78-2  | 148      | 109      | 115      | 124      | 16.95  | cps   |
| Selenium   | 82-1  | 236      | 150      | 274      | 220      | 28.86  | cps   |
| Silicon    | 28-1  | 16142023 | 16448512 | 16721384 | 16437306 | 1.76   | cps   |
| Silver     | 109-1 | 1292     | 1383     | 1342     | 1339     | 3.43   | cps   |
| Silver     | 107-1 | 1367     | 1467     | 1383     | 1406     | 3.81   | cps   |
| Sodium     | 23-2  | 74193    | 75532    | 74888    | 74871    | 0.89   | cps   |
| Strontium  | 86-1  | 33248    | 32805    | 33465    | 33173    | 1.01   | cps   |
| Strontium  | 88-1  | 280730   | 277908   | 281216   | 279951   | 0.64   | cps   |
| Sulfur     | 34-1  | 339124   | 338228   | 337970   | 338441   | 0.18   | cps   |
| Terbium    | 159-1 | 11254494 | 11401059 | 11227082 | 11294212 | 0.83   | cps   |
| Terbium    | 159-2 | 5521175  | 5523398  | 5531759  | 5525444  | 0.10   | cps   |
| Thallium   | 203-1 | 1942     | 1850     | 2009     | 1934     | 4.11   | cps   |
| Thallium   | 205-1 | 4743     | 4851     | 4568     | 4721     | 3.03   | cps   |
| Thorium    | 232-1 | 149088   | 146819   | 146752   | 147553   | 0.90   | cps   |
| Tin        | 118-1 | 46277    | 46352    | 45725    | 46118    | 0.74   | cps   |
| Titanium   | 47-1  | 55539    | 55714    | 55731    | 55661    | 0.19   | cps   |
| Uranium    | 238-1 | 18071    | 18022    | 18831    | 18308    | 2.48   | cps   |
| Vanadium   | 51-2  | 68562    | 69215    | 68743    | 68840    | 0.49   | cps   |
| Yttrium    | 89-1  | 9501869  | 9557170  | 9536158  | 9531732  | 0.29   | cps   |
| Yttrium    | 89-2  | 1251686  | 1257309  | 1259848  | 1256281  | 0.33   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-08DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS013-1824-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 15:54:25  | DataFile Name :   | 060SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zinc      | 66-2 | 59180 | 59635 | 60267 | 59694   | 0.91   | cps   |
| Zirconium | 90-1 | 53727 | 53844 | 53777 | 53783   | 0.11   | cps   |
| Zirconium | 91-1 | 12064 | 11130 | 11772 | 11655   | 4.10   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-09DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS014-0006-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 15:58:00 DataFile Name : 061SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1867303  | 1860048  | 1881434  | 1869595  | 0.58   | cps   |
| Antimony   | 121-1 | 1108     | 1125     | 908      | 1047     | 11.51  | cps   |
| Arsenic    | 75-2  | 2428     | 2521     | 2598     | 2516     | 3.39   | cps   |
| Barium     | 135-1 | 635801   | 630597   | 625635   | 630678   | 0.81   | cps   |
| Barium     | 137-1 | 1126149  | 1115200  | 1113573  | 1118307  | 0.61   | cps   |
| Beryllium  | 9-1   | 3217     | 3250     | 3050     | 3173     | 3.38   | cps   |
| Bismuth    | 209-1 | 7566554  | 7607624  | 7642495  | 7605558  | 0.50   | cps   |
| Bismuth    | 209-2 | 4280138  | 4350738  | 4374121  | 4334999  | 1.13   | cps   |
| Boron      | 10-1  | 2134     | 2592     | 2242     | 2323     | 10.32  | cps   |
| Boron      | 11-1  | 10137    | 9728     | 9737     | 9867     | 2.37   | cps   |
| Cadmium    | 111-1 | 4610     | 4769     | 4663     | 4681     | 1.72   | cps   |
| Cadmium    | 106-1 | 4359     | 4526     | 4351     | 4412     | 2.24   | cps   |
| Cadmium    | 108-1 | 196      | 196      | 225      | 206      | 8.19   | cps   |
| Calcium    | 43-1  | 98191    | 95247    | 97521    | 96986    | 1.59   | cps   |
| Calcium    | 44-1  | 1590600  | 1556488  | 1560327  | 1569138  | 1.19   | cps   |
| Chromium   | 52-2  | 55568    | 56043    | 57073    | 56228    | 1.37   | cps   |
| Cobalt     | 59-2  | 49621    | 50153    | 49851    | 49875    | 0.53   | cps   |
| Copper     | 63-2  | 143498   | 144131   | 146313   | 144647   | 1.02   | cps   |
| Dysprosium | 156-1 | 45669    | 45802    | 45510    | 45660    | 0.32   | cps   |
| Dysprosium | 156-2 | 23180    | 22943    | 23410    | 23178    | 1.01   | cps   |
| Erbium     | 164-1 | 40578    | 39450    | 40637    | 40222    | 1.66   | cps   |
| Erbium     | 164-2 | 20152    | 21040    | 20279    | 20490    | 2.34   | cps   |
| Gadolinium | 160-1 | 43605    | 43904    | 44758    | 44089    | 1.36   | cps   |
| Gadolinium | 160-2 | 25120    | 25003    | 25941    | 25355    | 2.02   | cps   |
| Holmium    | 165-1 | 11034650 | 10931755 | 10985151 | 10983852 | 0.47   | cps   |
| Holmium    | 165-2 | 5591996  | 5689462  | 5693478  | 5658312  | 1.02   | cps   |
| Indium     | 115-1 | 8675282  | 8702617  | 8762496  | 8713465  | 0.51   | cps   |
| Indium     | 115-2 | 1610824  | 1624331  | 1643751  | 1626302  | 1.02   | cps   |
| Iron       | 56-2  | 73535207 | 73569935 | 74101971 | 73735704 | 0.43   | cps   |
| Iron       | 57-2  | 1750927  | 1763225  | 1766959  | 1760370  | 0.48   | cps   |
| Krypton    | 83-1  | 333      | 403      | 457      | 398      | 15.55  | cps   |
| Lead       | 206-1 | 958515   | 941208   | 956062   | 951928   | 0.98   | cps   |
| Lead       | 207-1 | 816215   | 803070   | 802601   | 807295   | 0.96   | cps   |
| Lead       | 208-1 | 3775770  | 3718886  | 3736485  | 3743714  | 0.78   | cps   |
| Lithium    | 6-1   | 3742994  | 3753976  | 3737544  | 3744838  | 0.22   | cps   |
| Magnesium  | 24-2  | 1168510  | 1168852  | 1168598  | 1168653  | 0.02   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-09DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS014-0006-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 15:58:00  | DataFile Name :   | 061SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 2816287  | 2829502  | 2841663  | 2829151  | 0.45   | cps   |
| Molybdenum | 94-1  | 25031    | 24989    | 24622    | 24881    | 0.90   | cps   |
| Molybdenum | 95-1  | 5226     | 5101     | 5101     | 5143     | 1.40   | cps   |
| Molybdenum | 96-1  | 10788    | 10204    | 10838    | 10610    | 3.32   | cps   |
| Molybdenum | 97-1  | 3142     | 3067     | 3217     | 3142     | 2.39   | cps   |
| Molybdenum | 98-1  | 7994     | 7419     | 7794     | 7736     | 3.78   | cps   |
| Neodymium  | 150-1 | 50955    | 51236    | 50092    | 50761    | 1.17   | cps   |
| Neodymium  | 150-2 | 20075    | 20038    | 20375    | 20163    | 0.92   | cps   |
| Nickel     | 60-2  | 28301    | 28655    | 29463    | 28806    | 2.07   | cps   |
| Phosphorus | 31-2  | 5551     | 5993     | 5535     | 5693     | 4.57   | cps   |
| Potassium  | 39-2  | 169819   | 172485   | 172055   | 171453   | 0.83   | cps   |
| Rhodium    | 103-1 | 7856593  | 7887445  | 7859765  | 7867934  | 0.22   | cps   |
| Rhodium    | 103-2 | 3479970  | 3499893  | 3562621  | 3514161  | 1.23   | cps   |
| Scandium   | 45-1  | 6083979  | 6099827  | 6071607  | 6085138  | 0.23   | cps   |
| Scandium   | 45-2  | 231804   | 232687   | 232458   | 232317   | 0.20   | cps   |
| Selenium   | 77-2  | 73       | 130      | 83       | 96       | 31.65  | cps   |
| Selenium   | 78-2  | 120      | 126      | 143      | 130      | 8.92   | cps   |
| Selenium   | 82-1  | 373      | 337      | 299      | 336      | 10.99  | cps   |
| Silicon    | 28-1  | 15402259 | 15324145 | 15341753 | 15356052 | 0.27   | cps   |
| Silver     | 109-1 | 1242     | 1117     | 1033     | 1131     | 9.28   | cps   |
| Silver     | 107-1 | 1333     | 1025     | 1292     | 1217     | 13.75  | cps   |
| Sodium     | 23-2  | 84848    | 84412    | 84563    | 84608    | 0.26   | cps   |
| Strontium  | 86-1  | 59098    | 56855    | 57106    | 57686    | 2.13   | cps   |
| Strontium  | 88-1  | 497725   | 497339   | 493952   | 496339   | 0.42   | cps   |
| Sulfur     | 34-1  | 359154   | 352843   | 347877   | 353291   | 1.60   | cps   |
| Terbium    | 159-1 | 11195170 | 11248768 | 11250598 | 11231512 | 0.28   | cps   |
| Terbium    | 159-2 | 5465672  | 5518681  | 5593882  | 5526078  | 1.17   | cps   |
| Thallium   | 203-1 | 1492     | 1333     | 1358     | 1395     | 6.10   | cps   |
| Thallium   | 205-1 | 3359     | 3351     | 3142     | 3284     | 3.74   | cps   |
| Thorium    | 232-1 | 114250   | 115432   | 114928   | 114870   | 0.52   | cps   |
| Tin        | 118-1 | 4368     | 4234     | 3867     | 4156     | 6.23   | cps   |
| Titanium   | 47-1  | 75778    | 74589    | 75419    | 75262    | 0.81   | cps   |
| Uranium    | 238-1 | 31631    | 31689    | 30027    | 31116    | 3.03   | cps   |
| Vanadium   | 51-2  | 55334    | 55588    | 55434    | 55452    | 0.23   | cps   |
| Yttrium    | 89-1  | 9588263  | 9602381  | 9577558  | 9589400  | 0.13   | cps   |
| Yttrium    | 89-2  | 1249978  | 1266133  | 1280998  | 1265703  | 1.23   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-09DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS014-0006-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 15:58:00  | DataFile Name :   | 061SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zinc      | 66-2 | 48825 | 50330 | 49310 | 49488   | 1.55   | cps   |
| Zirconium | 90-1 | 62035 | 62211 | 62546 | 62264   | 0.42   | cps   |
| Zirconium | 91-1 | 13707 | 14058 | 13649 | 13804   | 1.60   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-10DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS014-0612-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 16:01:34 DataFile Name : 062SMPL.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 2742212   | 2729762   | 2747178   | 2739717   | 0.33   | cps   |
| Antimony   | 121-1 | 600       | 542       | 592       | 578       | 5.46   | cps   |
| Arsenic    | 75-2  | 3602      | 3689      | 3663      | 3652      | 1.22   | cps   |
| Barium     | 135-1 | 709619    | 701818    | 696771    | 702736    | 0.92   | cps   |
| Barium     | 137-1 | 1245843   | 1245726   | 1240114   | 1243894   | 0.26   | cps   |
| Beryllium  | 9-1   | 4556      | 4195      | 4190      | 4314      | 4.87   | cps   |
| Bismuth    | 209-1 | 7467899   | 7472355   | 7557023   | 7499092   | 0.67   | cps   |
| Bismuth    | 209-2 | 4247113   | 4298054   | 4301770   | 4282312   | 0.71   | cps   |
| Boron      | 10-1  | 2000      | 2150      | 2075      | 2075      | 3.62   | cps   |
| Boron      | 11-1  | 9220      | 9245      | 9453      | 9306      | 1.38   | cps   |
| Cadmium    | 111-1 | 3777      | 4060      | 4128      | 3988      | 4.67   | cps   |
| Cadmium    | 106-1 | 4192      | 4734      | 4809      | 4579      | 7.35   | cps   |
| Cadmium    | 108-1 | 238       | 208       | 246       | 231       | 8.54   | cps   |
| Calcium    | 43-1  | 37942     | 38000     | 38418     | 38120     | 0.68   | cps   |
| Calcium    | 44-1  | 614962    | 616018    | 613460    | 614813    | 0.21   | cps   |
| Chromium   | 52-2  | 75622     | 76443     | 77278     | 76448     | 1.08   | cps   |
| Cobalt     | 59-2  | 84696     | 84636     | 84223     | 84518     | 0.30   | cps   |
| Copper     | 63-2  | 146646    | 147774    | 148733    | 147718    | 0.71   | cps   |
| Dysprosium | 156-1 | 53456     | 52677     | 52116     | 52750     | 1.27   | cps   |
| Dysprosium | 156-2 | 26763     | 26983     | 27274     | 27007     | 0.95   | cps   |
| Erbium     | 164-1 | 46112     | 44265     | 45008     | 45128     | 2.06   | cps   |
| Erbium     | 164-2 | 23016     | 23654     | 23013     | 23228     | 1.59   | cps   |
| Gadolinium | 160-1 | 49800     | 48721     | 48060     | 48860     | 1.80   | cps   |
| Gadolinium | 160-2 | 28734     | 28102     | 28874     | 28570     | 1.44   | cps   |
| Holmium    | 165-1 | 10806570  | 10910496  | 10882033  | 10866366  | 0.49   | cps   |
| Holmium    | 165-2 | 5588367   | 5592670   | 5625591   | 5602209   | 0.36   | cps   |
| Indium     | 115-1 | 8568262   | 8602396   | 8602714   | 8591124   | 0.23   | cps   |
| Indium     | 115-2 | 1590501   | 1616286   | 1613036   | 1606608   | 0.87   | cps   |
| Iron       | 56-2  | 114038736 | 114101097 | 114227683 | 114122505 | 0.08   | cps   |
| Iron       | 57-2  | 2694414   | 2712422   | 2732558   | 2713131   | 0.70   | cps   |
| Krypton    | 83-1  | 417       | 453       | 377       | 416       | 9.23   | cps   |
| Lead       | 206-1 | 883341    | 886160    | 880910    | 883470    | 0.30   | cps   |
| Lead       | 207-1 | 753664    | 750683    | 749315    | 751221    | 0.30   | cps   |
| Lead       | 208-1 | 3503334   | 3484912   | 3477062   | 3488436   | 0.39   | cps   |
| Lithium    | 6-1   | 3705064   | 3698323   | 3717339   | 3706909   | 0.26   | cps   |
| Magnesium  | 24-2  | 1954909   | 1967839   | 1979111   | 1967286   | 0.62   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-10DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS014-0612-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 16:01:34 DataFile Name : 062SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 3878983  | 3921769  | 3944199  | 3914984  | 0.85   | cps   |
| Molybdenum | 94-1  | 40207    | 40576    | 40960    | 40581    | 0.93   | cps   |
| Molybdenum | 95-1  | 4493     | 4793     | 4176     | 4487     | 6.88   | cps   |
| Molybdenum | 96-1  | 13132    | 13265    | 12956    | 13118    | 1.18   | cps   |
| Molybdenum | 97-1  | 3050     | 2717     | 2659     | 2809     | 7.52   | cps   |
| Molybdenum | 98-1  | 6927     | 6694     | 6535     | 6719     | 2.93   | cps   |
| Neodymium  | 150-1 | 59951    | 60313    | 58478    | 59580    | 1.63   | cps   |
| Neodymium  | 150-2 | 23774    | 24318    | 23938    | 24010    | 1.16   | cps   |
| Nickel     | 60-2  | 42595    | 41940    | 42692    | 42409    | 0.96   | cps   |
| Phosphorus | 31-2  | 4459     | 4526     | 4493     | 4493     | 0.74   | cps   |
| Potassium  | 39-2  | 195379   | 198613   | 194947   | 196313   | 1.02   | cps   |
| Rhodium    | 103-1 | 7712290  | 7791854  | 7770648  | 7758264  | 0.53   | cps   |
| Rhodium    | 103-2 | 3412030  | 3456374  | 3475210  | 3447871  | 0.94   | cps   |
| Scandium   | 45-1  | 6030396  | 6077992  | 6084306  | 6064231  | 0.49   | cps   |
| Scandium   | 45-2  | 229658   | 231442   | 232661   | 231254   | 0.65   | cps   |
| Selenium   | 77-2  | 130      | 130      | 93       | 118      | 17.97  | cps   |
| Selenium   | 78-2  | 150      | 124      | 137      | 137      | 9.46   | cps   |
| Selenium   | 82-1  | 208      | 185      | 317      | 237      | 29.84  | cps   |
| Silicon    | 28-1  | 18354193 | 18329827 | 18410560 | 18364860 | 0.23   | cps   |
| Silver     | 109-1 | 933      | 992      | 992      | 972      | 3.46   | cps   |
| Silver     | 107-1 | 1192     | 1100     | 967      | 1086     | 10.42  | cps   |
| Sodium     | 23-2  | 58247    | 60305    | 59067    | 59206    | 1.75   | cps   |
| Strontium  | 86-1  | 34484    | 33448    | 34634    | 34189    | 1.89   | cps   |
| Strontium  | 88-1  | 291143   | 296351   | 293810   | 293768   | 0.89   | cps   |
| Sulfur     | 34-1  | 308909   | 308134   | 305878   | 307641   | 0.51   | cps   |
| Terbium    | 159-1 | 11085555 | 11189027 | 11131879 | 11135487 | 0.47   | cps   |
| Terbium    | 159-2 | 5427590  | 5457428  | 5475930  | 5453649  | 0.45   | cps   |
| Thallium   | 203-1 | 1617     | 1650     | 1709     | 1659     | 2.80   | cps   |
| Thallium   | 205-1 | 3884     | 4334     | 3992     | 4070     | 5.77   | cps   |
| Thorium    | 232-1 | 181044   | 180847   | 181180   | 181024   | 0.09   | cps   |
| Tin        | 118-1 | 3701     | 3801     | 3734     | 3745     | 1.36   | cps   |
| Titanium   | 47-1  | 84266    | 83770    | 84752    | 84263    | 0.58   | cps   |
| Uranium    | 238-1 | 28006    | 27848    | 28198    | 28017    | 0.63   | cps   |
| Vanadium   | 51-2  | 72905    | 72326    | 72404    | 72545    | 0.43   | cps   |
| Yttrium    | 89-1  | 9494593  | 9504102  | 9581000  | 9526565  | 0.50   | cps   |
| Yttrium    | 89-2  | 1250027  | 1254446  | 1271193  | 1258555  | 0.89   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-10DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS014-0612-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 16:01:34  | DataFile Name :   | 062SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 63126  | 63373  | 63327  | 63275   | 0.21   | cps   |
| Zirconium | 90-1 | 104966 | 102112 | 104235 | 103771  | 1.43   | cps   |
| Zirconium | 91-1 | 23712  | 23128  | 22811  | 23217   | 1.97   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-11DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS014-1218-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 16:05:09 DataFile Name : 063SMPL.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 2962094   | 2960101   | 2967714   | 2963303   | 0.13   | cps   |
| Antimony   | 121-1 | 592       | 533       | 608       | 578       | 6.82   | cps   |
| Arsenic    | 75-2  | 4043      | 4236      | 4204      | 4161      | 2.48   | cps   |
| Barium     | 135-1 | 690364    | 678795    | 677933    | 682364    | 1.02   | cps   |
| Barium     | 137-1 | 1204829   | 1199435   | 1198668   | 1200977   | 0.28   | cps   |
| Beryllium  | 9-1   | 5546      | 5090      | 5140      | 5258      | 4.75   | cps   |
| Bismuth    | 209-1 | 7455803   | 7405057   | 7432300   | 7431053   | 0.34   | cps   |
| Bismuth    | 209-2 | 4194933   | 4223321   | 4286549   | 4234934   | 1.11   | cps   |
| Boron      | 10-1  | 1717      | 1942      | 1784      | 1814      | 6.37   | cps   |
| Boron      | 11-1  | 7819      | 8086      | 8102      | 8002      | 1.99   | cps   |
| Cadmium    | 111-1 | 3825      | 4345      | 4216      | 4129      | 6.55   | cps   |
| Cadmium    | 106-1 | 4409      | 4659      | 4651      | 4573      | 3.11   | cps   |
| Cadmium    | 108-1 | 296       | 221       | 242       | 253       | 15.32  | cps   |
| Calcium    | 43-1  | 45822     | 45178     | 46725     | 45908     | 1.69   | cps   |
| Calcium    | 44-1  | 734455    | 724917    | 733894    | 731089    | 0.73   | cps   |
| Chromium   | 52-2  | 84058     | 83324     | 84500     | 83961     | 0.71   | cps   |
| Cobalt     | 59-2  | 99679     | 101250    | 101864    | 100931    | 1.12   | cps   |
| Copper     | 63-2  | 162383    | 163478    | 161447    | 162436    | 0.63   | cps   |
| Dysprosium | 156-1 | 59873     | 60668     | 60350     | 60297     | 0.66   | cps   |
| Dysprosium | 156-2 | 29919     | 30103     | 30016     | 30013     | 0.31   | cps   |
| Erbium     | 164-1 | 51172     | 50938     | 51707     | 51272     | 0.77   | cps   |
| Erbium     | 164-2 | 25885     | 26128     | 26038     | 26017     | 0.47   | cps   |
| Gadolinium | 160-1 | 55329     | 52870     | 54442     | 54214     | 2.30   | cps   |
| Gadolinium | 160-2 | 30447     | 31523     | 31647     | 31206     | 2.11   | cps   |
| Holmium    | 165-1 | 10841184  | 10781961  | 10800372  | 10807839  | 0.28   | cps   |
| Holmium    | 165-2 | 5541386   | 5547181   | 5625180   | 5571249   | 0.84   | cps   |
| Indium     | 115-1 | 8578962   | 8482681   | 8550499   | 8537381   | 0.58   | cps   |
| Indium     | 115-2 | 1576982   | 1587429   | 1610024   | 1591478   | 1.06   | cps   |
| Iron       | 56-2  | 134633914 | 134850095 | 134583392 | 134689134 | 0.11   | cps   |
| Iron       | 57-2  | 3186407   | 3228731   | 3257827   | 3224322   | 1.11   | cps   |
| Krypton    | 83-1  | 373       | 403       | 367       | 381       | 5.13   | cps   |
| Lead       | 206-1 | 1367350   | 1353180   | 1355565   | 1358698   | 0.56   | cps   |
| Lead       | 207-1 | 1162251   | 1150156   | 1151030   | 1154479   | 0.58   | cps   |
| Lead       | 208-1 | 5367213   | 5329334   | 5351092   | 5349213   | 0.36   | cps   |
| Lithium    | 6-1   | 3698554   | 3660939   | 3685104   | 3681532   | 0.52   | cps   |
| Magnesium  | 24-2  | 2086982   | 2078321   | 2074948   | 2080084   | 0.30   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-11DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS014-1218-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 16:05:09 DataFile Name : 063SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 5579010  | 5569977  | 5607506  | 5585497  | 0.35   | cps   |
| Molybdenum | 94-1  | 41328    | 39832    | 40576    | 40578    | 1.84   | cps   |
| Molybdenum | 95-1  | 4868     | 4409     | 4534     | 4604     | 5.15   | cps   |
| Molybdenum | 96-1  | 13649    | 14032    | 13832    | 13838    | 1.39   | cps   |
| Molybdenum | 97-1  | 2959     | 2625     | 2517     | 2700     | 8.53   | cps   |
| Molybdenum | 98-1  | 7777     | 6985     | 6860     | 7208     | 6.90   | cps   |
| Neodymium  | 150-1 | 66622    | 67593    | 66876    | 67030    | 0.75   | cps   |
| Neodymium  | 150-2 | 26479    | 27037    | 26853    | 26790    | 1.06   | cps   |
| Nickel     | 60-2  | 47614    | 48139    | 48085    | 47946    | 0.60   | cps   |
| Phosphorus | 31-2  | 5243     | 4784     | 4959     | 4995     | 4.63   | cps   |
| Potassium  | 39-2  | 190525   | 191301   | 191987   | 191271   | 0.38   | cps   |
| Rhodium    | 103-1 | 7729661  | 7696194  | 7726933  | 7717596  | 0.24   | cps   |
| Rhodium    | 103-2 | 3376741  | 3379888  | 3435538  | 3397389  | 0.97   | cps   |
| Scandium   | 45-1  | 6077039  | 6029320  | 6051308  | 6052556  | 0.39   | cps   |
| Scandium   | 45-2  | 228257   | 228095   | 231015   | 229122   | 0.72   | cps   |
| Selenium   | 77-2  | 130      | 130      | 117      | 126      | 6.13   | cps   |
| Selenium   | 78-2  | 113      | 146      | 135      | 131      | 12.91  | cps   |
| Selenium   | 82-1  | 281      | 218      | 251      | 250      | 12.68  | cps   |
| Silicon    | 28-1  | 12777075 | 12679562 | 12745686 | 12734107 | 0.39   | cps   |
| Silver     | 109-1 | 1367     | 1325     | 1267     | 1320     | 3.81   | cps   |
| Silver     | 107-1 | 1525     | 1400     | 1350     | 1425     | 6.33   | cps   |
| Sodium     | 23-2  | 61970    | 62271    | 61409    | 61884    | 0.71   | cps   |
| Strontium  | 86-1  | 36648    | 36071    | 37257    | 36659    | 1.62   | cps   |
| Strontium  | 88-1  | 311961   | 309212   | 311558   | 310910   | 0.48   | cps   |
| Sulfur     | 34-1  | 294464   | 296869   | 302468   | 297934   | 1.38   | cps   |
| Terbium    | 159-1 | 10952798 | 11087036 | 11085949 | 11041928 | 0.70   | cps   |
| Terbium    | 159-2 | 5381383  | 5403148  | 5492151  | 5425561  | 1.08   | cps   |
| Thallium   | 203-1 | 1967     | 1934     | 1900     | 1934     | 1.72   | cps   |
| Thallium   | 205-1 | 4793     | 4876     | 4651     | 4773     | 2.38   | cps   |
| Thorium    | 232-1 | 216804   | 217623   | 215531   | 216653   | 0.49   | cps   |
| Tin        | 118-1 | 3776     | 4092     | 3809     | 3892     | 4.47   | cps   |
| Titanium   | 47-1  | 60491    | 60341    | 60140    | 60324    | 0.29   | cps   |
| Uranium    | 238-1 | 25359    | 25167    | 26653    | 25726    | 3.14   | cps   |
| Vanadium   | 51-2  | 82368    | 82180    | 83122    | 82557    | 0.60   | cps   |
| Yttrium    | 89-1  | 9638536  | 9576492  | 9627690  | 9614239  | 0.34   | cps   |
| Yttrium    | 89-2  | 1248209  | 1251342  | 1268701  | 1256084  | 0.88   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-11DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS014-1218-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 16:05:09  | DataFile Name :   | 063SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 76878  | 77246  | 77092  | 77072   | 0.24   | cps   |
| Zirconium | 90-1 | 105352 | 105830 | 104723 | 105302  | 0.53   | cps   |
| Zirconium | 91-1 | 23854  | 23295  | 23245  | 23465   | 1.44   | cps   |



LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-12DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS014-1824-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 16:08:45 DataFile Name : 064SMPL.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 2655560   | 2654022   | 2651760   | 2653781   | 0.07   | cps   |
| Antimony   | 121-1 | 783       | 692       | 625       | 700       | 11.36  | cps   |
| Arsenic    | 75-2  | 3478      | 3638      | 3647      | 3588      | 2.64   | cps   |
| Barium     | 135-1 | 702224    | 699582    | 700795    | 700867    | 0.19   | cps   |
| Barium     | 137-1 | 1243418   | 1230605   | 1236657   | 1236893   | 0.52   | cps   |
| Beryllium  | 9-1   | 4567      | 4256      | 4623      | 4482      | 4.41   | cps   |
| Bismuth    | 209-1 | 7489273   | 7438325   | 7444864   | 7457487   | 0.37   | cps   |
| Bismuth    | 209-2 | 4217699   | 4328991   | 4221238   | 4255976   | 1.49   | cps   |
| Boron      | 10-1  | 1859      | 1725      | 1850      | 1811      | 4.12   | cps   |
| Boron      | 11-1  | 8136      | 7869      | 8153      | 8052      | 1.98   | cps   |
| Cadmium    | 111-1 | 4317      | 4188      | 3961      | 4155      | 4.34   | cps   |
| Cadmium    | 106-1 | 4626      | 4618      | 4209      | 4484      | 5.31   | cps   |
| Cadmium    | 108-1 | 233       | 213       | 242       | 229       | 6.55   | cps   |
| Calcium    | 43-1  | 45546     | 45354     | 46482     | 45794     | 1.32   | cps   |
| Calcium    | 44-1  | 755817    | 743188    | 748668    | 749224    | 0.85   | cps   |
| Chromium   | 52-2  | 75857     | 73874     | 74185     | 74639     | 1.43   | cps   |
| Cobalt     | 59-2  | 87694     | 90091     | 89756     | 89180     | 1.46   | cps   |
| Copper     | 63-2  | 138384    | 140292    | 140453    | 139709    | 0.82   | cps   |
| Dysprosium | 156-1 | 46429     | 47651     | 46605     | 46895     | 1.41   | cps   |
| Dysprosium | 156-2 | 23387     | 23093     | 23313     | 23264     | 0.66   | cps   |
| Erbium     | 164-1 | 39659     | 37812     | 39124     | 38865     | 2.44   | cps   |
| Erbium     | 164-2 | 19971     | 20582     | 20415     | 20323     | 1.55   | cps   |
| Gadolinium | 160-1 | 40937     | 40695     | 41430     | 41021     | 0.91   | cps   |
| Gadolinium | 160-2 | 23374     | 24101     | 24579     | 24018     | 2.53   | cps   |
| Holmium    | 165-1 | 10893520  | 10872462  | 10859586  | 10875190  | 0.16   | cps   |
| Holmium    | 165-2 | 5543179   | 5654393   | 5510605   | 5569392   | 1.35   | cps   |
| Indium     | 115-1 | 8574607   | 8537360   | 8538568   | 8550178   | 0.25   | cps   |
| Indium     | 115-2 | 1589724   | 1632417   | 1577086   | 1599742   | 1.81   | cps   |
| Iron       | 56-2  | 112883064 | 113123711 | 113361469 | 113122748 | 0.21   | cps   |
| Iron       | 57-2  | 2677185   | 2689938   | 2695407   | 2687510   | 0.35   | cps   |
| Krypton    | 83-1  | 437       | 450       | 393       | 427       | 6.94   | cps   |
| Lead       | 206-1 | 824755    | 818858    | 817827    | 820480    | 0.46   | cps   |
| Lead       | 207-1 | 697861    | 692218    | 694605    | 694895    | 0.41   | cps   |
| Lead       | 208-1 | 3241202   | 3213459   | 3226453   | 3227038   | 0.43   | cps   |
| Lithium    | 6-1   | 3693230   | 3647901   | 3668023   | 3669718   | 0.62   | cps   |
| Magnesium  | 24-2  | 1791883   | 1804567   | 1789200   | 1795217   | 0.46   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-12DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS014-1824-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 16:08:45 DataFile Name : 064SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 4947920  | 4944758  | 4999929  | 4964203  | 0.62   | cps   |
| Molybdenum | 94-1  | 35946    | 35862    | 35871    | 35893    | 0.13   | cps   |
| Molybdenum | 95-1  | 5151     | 4676     | 4384     | 4737     | 8.17   | cps   |
| Molybdenum | 96-1  | 12689    | 13181    | 12606    | 12826    | 2.42   | cps   |
| Molybdenum | 97-1  | 2792     | 2509     | 2817     | 2706     | 6.33   | cps   |
| Molybdenum | 98-1  | 6860     | 6769     | 6860     | 6830     | 0.78   | cps   |
| Neodymium  | 150-1 | 53237    | 52782    | 53070    | 53029    | 0.43   | cps   |
| Neodymium  | 150-2 | 20713    | 21100    | 20499    | 20770    | 1.47   | cps   |
| Nickel     | 60-2  | 41683    | 41148    | 41773    | 41534    | 0.81   | cps   |
| Phosphorus | 31-2  | 4826     | 4843     | 4292     | 4654     | 6.72   | cps   |
| Potassium  | 39-2  | 164687   | 167984   | 166594   | 166422   | 0.99   | cps   |
| Rhodium    | 103-1 | 7739685  | 7680893  | 7680987  | 7700522  | 0.44   | cps   |
| Rhodium    | 103-2 | 3415437  | 3468892  | 3366544  | 3416958  | 1.50   | cps   |
| Scandium   | 45-1  | 6016946  | 5998275  | 5983552  | 5999591  | 0.28   | cps   |
| Scandium   | 45-2  | 227920   | 231856   | 223902   | 227893   | 1.75   | cps   |
| Selenium   | 77-2  | 97       | 107      | 90       | 98       | 8.58   | cps   |
| Selenium   | 78-2  | 117      | 148      | 148      | 138      | 13.20  | cps   |
| Selenium   | 82-1  | 146      | 182      | 233      | 187      | 23.26  | cps   |
| Silicon    | 28-1  | 20129015 | 20120815 | 20103653 | 20117828 | 0.06   | cps   |
| Silver     | 109-1 | 1058     | 1058     | 1050     | 1056     | 0.46   | cps   |
| Silver     | 107-1 | 1175     | 1292     | 1050     | 1172     | 10.31  | cps   |
| Sodium     | 23-2  | 77199    | 79578    | 78958    | 78578    | 1.57   | cps   |
| Strontium  | 86-1  | 37650    | 37024    | 36982    | 37219    | 1.01   | cps   |
| Strontium  | 88-1  | 315964   | 319554   | 317613   | 317710   | 0.57   | cps   |
| Sulfur     | 34-1  | 299921   | 295099   | 292016   | 295679   | 1.35   | cps   |
| Terbium    | 159-1 | 11123130 | 11036607 | 11076922 | 11078886 | 0.39   | cps   |
| Terbium    | 159-2 | 5394684  | 5534389  | 5347289  | 5425454  | 1.79   | cps   |
| Thallium   | 203-1 | 2159     | 2167     | 2092     | 2139     | 1.92   | cps   |
| Thallium   | 205-1 | 5009     | 4718     | 4901     | 4876     | 3.02   | cps   |
| Thorium    | 232-1 | 167050   | 166754   | 167580   | 167128   | 0.25   | cps   |
| Tin        | 118-1 | 2975     | 3100     | 3092     | 3056     | 2.29   | cps   |
| Titanium   | 47-1  | 60433    | 61044    | 60701    | 60726    | 0.50   | cps   |
| Uranium    | 238-1 | 23605    | 22545    | 22345    | 22832    | 2.97   | cps   |
| Vanadium   | 51-2  | 75787    | 75439    | 74504    | 75243    | 0.88   | cps   |
| Yttrium    | 89-1  | 9416087  | 9376557  | 9472759  | 9421801  | 0.51   | cps   |
| Yttrium    | 89-2  | 1240288  | 1253745  | 1229729  | 1241254  | 0.97   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-12DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS014-1824-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 16:08:45  | DataFile Name :   | 064SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zinc      | 66-2 | 68389 | 69169 | 69923 | 69161   | 1.11   | cps   |
| Zirconium | 90-1 | 91927 | 90887 | 90216 | 91010   | 0.95   | cps   |
| Zirconium | 91-1 | 20382 | 21091 | 20891 | 20788   | 1.76   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6389-13DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS015-0006-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 16:12:20 DataFile Name : 065SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1590474  | 1601667  | 1597805  | 1596648  | 0.36   | cps   |
| Antimony   | 121-1 | 5034     | 4868     | 4951     | 4951     | 1.68   | cps   |
| Arsenic    | 75-2  | 1393     | 1487     | 1420     | 1433     | 3.39   | cps   |
| Barium     | 135-1 | 633300   | 628547   | 628071   | 629973   | 0.46   | cps   |
| Barium     | 137-1 | 1114385  | 1096356  | 1122015  | 1110919  | 1.19   | cps   |
| Beryllium  | 9-1   | 2734     | 3023     | 2784     | 2847     | 5.42   | cps   |
| Bismuth    | 209-1 | 7644762  | 7602167  | 6658423  | 7301784  | 7.64   | cps   |
| Bismuth    | 209-2 | 4516333  | 4007032  | 4268502  | 4263956  | 5.97   | cps   |
| Boron      | 10-1  | 1992     | 2009     | 2000     | 2000     | 0.42   | cps   |
| Boron      | 11-1  | 8294     | 8152     | 8194     | 8214     | 0.89   | cps   |
| Cadmium    | 111-1 | 4342     | 4098     | 3964     | 4135     | 4.63   | cps   |
| Cadmium    | 106-1 | 4484     | 4117     | 3692     | 4098     | 9.67   | cps   |
| Cadmium    | 108-1 | 175      | 192      | 154      | 174      | 10.82  | cps   |
| Calcium    | 43-1  | 65169    | 64926    | 66015    | 65370    | 0.87   | cps   |
| Calcium    | 44-1  | 1067659  | 1054805  | 1072362  | 1064942  | 0.85   | cps   |
| Chromium   | 52-2  | 48168    | 48105    | 48898    | 48390    | 0.91   | cps   |
| Cobalt     | 59-2  | 31614    | 31648    | 31758    | 31673    | 0.24   | cps   |
| Copper     | 63-2  | 113667   | 115793   | 114295   | 114585   | 0.95   | cps   |
| Dysprosium | 156-1 | 40193    | 41104    | 39408    | 40235    | 2.11   | cps   |
| Dysprosium | 156-2 | 20539    | 20582    | 20703    | 20608    | 0.41   | cps   |
| Erbium     | 164-1 | 36583    | 35229    | 35714    | 35842    | 1.91   | cps   |
| Erbium     | 164-2 | 17638    | 18012    | 18092    | 17914    | 1.35   | cps   |
| Gadolinium | 160-1 | 37361    | 37502    | 38162    | 37675    | 1.14   | cps   |
| Gadolinium | 160-2 | 21921    | 22065    | 21607    | 21864    | 1.07   | cps   |
| Holmium    | 165-1 | 11027047 | 11001636 | 9593468  | 10540717 | 7.78   | cps   |
| Holmium    | 165-2 | 6029921  | 5200439  | 5536468  | 5588943  | 7.47   | cps   |
| Indium     | 115-1 | 8693553  | 8636704  | 7556522  | 8295593  | 7.72   | cps   |
| Indium     | 115-2 | 1677293  | 1492447  | 1595356  | 1588366  | 5.83   | cps   |
| Iron       | 56-2  | 47104383 | 47315952 | 46955583 | 47125306 | 0.38   | cps   |
| Iron       | 57-2  | 1108619  | 1125852  | 1111794  | 1115421  | 0.82   | cps   |
| Krypton    | 83-1  | 383      | 383      | 433      | 400      | 7.22   | cps   |
| Lead       | 206-1 | 1120465  | 1103581  | 1120667  | 1114904  | 0.88   | cps   |
| Lead       | 207-1 | 964361   | 956207   | 963336   | 961301   | 0.46   | cps   |
| Lead       | 208-1 | 4430124  | 4400552  | 4451639  | 4427438  | 0.58   | cps   |
| Lithium    | 6-1   | 3648154  | 3653509  | 3195090  | 3498918  | 7.52   | cps   |
| Magnesium  | 24-2  | 702604   | 710873   | 702352   | 705277   | 0.69   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-13DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS015-0006-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 16:12:20  | DataFile Name :   | 065SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 790631   | 798141   | 796148   | 794974   | 0.49   | cps   |
| Molybdenum | 94-1  | 17837    | 18171    | 18838    | 18282    | 2.79   | cps   |
| Molybdenum | 95-1  | 4818     | 4534     | 4943     | 4765     | 4.39   | cps   |
| Molybdenum | 96-1  | 8636     | 8678     | 8428     | 8581     | 1.56   | cps   |
| Molybdenum | 97-1  | 3167     | 3025     | 2884     | 3025     | 4.68   | cps   |
| Molybdenum | 98-1  | 8061     | 7669     | 7085     | 7605     | 6.46   | cps   |
| Neodymium  | 150-1 | 43623    | 43797    | 43550    | 43657    | 0.29   | cps   |
| Neodymium  | 150-2 | 17168    | 17294    | 17324    | 17262    | 0.48   | cps   |
| Nickel     | 60-2  | 22494    | 22184    | 22831    | 22503    | 1.44   | cps   |
| Phosphorus | 31-2  | 7394     | 7544     | 7894     | 7611     | 3.37   | cps   |
| Potassium  | 39-2  | 140561   | 140206   | 140820   | 140529   | 0.22   | cps   |
| Rhodium    | 103-1 | 7840555  | 7885704  | 6797058  | 7507772  | 8.20   | cps   |
| Rhodium    | 103-2 | 3629308  | 3201878  | 3425544  | 3418910  | 6.25   | cps   |
| Scandium   | 45-1  | 5950752  | 5976730  | 5208543  | 5712008  | 7.64   | cps   |
| Scandium   | 45-2  | 236027   | 206505   | 223894   | 222142   | 6.68   | cps   |
| Selenium   | 77-2  | 73       | 123      | 120      | 106      | 26.49  | cps   |
| Selenium   | 78-2  | 139      | 130      | 157      | 142      | 9.96   | cps   |
| Selenium   | 82-1  | 344      | 361      | 322      | 342      | 5.69   | cps   |
| Silicon    | 28-1  | 20963420 | 20960749 | 21149590 | 21024586 | 0.51   | cps   |
| Silver     | 109-1 | 1125     | 1117     | 1175     | 1139     | 2.77   | cps   |
| Silver     | 107-1 | 1100     | 1333     | 1550     | 1328     | 16.95  | cps   |
| Sodium     | 23-2  | 79604    | 80742    | 78781    | 79709    | 1.24   | cps   |
| Strontium  | 86-1  | 52363    | 52831    | 51569    | 52254    | 1.22   | cps   |
| Strontium  | 88-1  | 452712   | 449870   | 452495   | 451692   | 0.35   | cps   |
| Sulfur     | 34-1  | 396181   | 388877   | 386476   | 390511   | 1.29   | cps   |
| Terbium    | 159-1 | 11256282 | 11201627 | 9778953  | 10745621 | 7.79   | cps   |
| Terbium    | 159-2 | 5829273  | 5053079  | 5432575  | 5438309  | 7.14   | cps   |
| Thallium   | 203-1 | 1717     | 1592     | 1584     | 1631     | 4.58   | cps   |
| Thallium   | 205-1 | 3376     | 3817     | 3701     | 3631     | 6.30   | cps   |
| Thorium    | 232-1 | 35170    | 34457    | 34368    | 34665    | 1.27   | cps   |
| Tin        | 118-1 | 4834     | 4543     | 4601     | 4659     | 3.31   | cps   |
| Titanium   | 47-1  | 82648    | 82815    | 82808    | 82757    | 0.11   | cps   |
| Uranium    | 238-1 | 33920    | 33135    | 34188    | 33747    | 1.62   | cps   |
| Vanadium   | 51-2  | 43945    | 43798    | 43808    | 43851    | 0.19   | cps   |
| Yttrium    | 89-1  | 9426841  | 9473223  | 8318908  | 9072991  | 7.20   | cps   |
| Yttrium    | 89-2  | 1289829  | 1144565  | 1222347  | 1218914  | 5.96   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6389-13DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS015-0006-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 16:12:20  | DataFile Name :   | 065SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zinc      | 66-2 | 37622 | 37495 | 37806 | 37641   | 0.42   | cps   |
| Zirconium | 90-1 | 42706 | 43007 | 43893 | 43202   | 1.43   | cps   |
| Zirconium | 91-1 | 9862  | 9212  | 9670  | 9581    | 3.49   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : PB115775BL Instrumnet Name : P7  
 Client Sample ID : PB115775BL Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 16:15:55 DataFile Name : 066CCBE.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 67       | 83       | 67       | 72       | 13.33  | cps   |
| Antimony   | 121-1 | 33       | 117      | 0        | 50       | 120.19 | cps   |
| Arsenic    | 75-2  | 2        | 9        | 6        | 6        | 66.68  | cps   |
| Barium     | 135-1 | 75       | 75       | 50       | 67       | 21.65  | cps   |
| Barium     | 137-1 | 100      | 117      | 117      | 111      | 8.66   | cps   |
| Beryllium  | 9-1   | 56       | 89       | 94       | 80       | 26.41  | cps   |
| Bismuth    | 209-1 | 7468342  | 7395247  | 7400436  | 7421342  | 0.55   | cps   |
| Bismuth    | 209-2 | 4161255  | 4153803  | 4207487  | 4174182  | 0.70   | cps   |
| Boron      | 10-1  | 792      | 617      | 725      | 711      | 12.42  | cps   |
| Boron      | 11-1  | 3200     | 2917     | 3259     | 3125     | 5.85   | cps   |
| Cadmium    | 111-1 | 2361     | 2529     | 2547     | 2479     | 4.14   | cps   |
| Cadmium    | 106-1 | 3376     | 3617     | 3617     | 3537     | 3.95   | cps   |
| Cadmium    | 108-1 | 8        | 4        | 8        | 7        | 34.59  | cps   |
| Calcium    | 43-1  | 117      | 125      | 125      | 122      | 3.94   | cps   |
| Calcium    | 44-1  | 2942     | 3109     | 3067     | 3039     | 2.85   | cps   |
| Chromium   | 52-2  | 627      | 660      | 743      | 677      | 8.88   | cps   |
| Cobalt     | 59-2  | 37       | 37       | 27       | 33       | 17.32  | cps   |
| Copper     | 63-2  | 187      | 160      | 203      | 183      | 11.92  | cps   |
| Dysprosium | 156-1 | 25       | 17       | 17       | 19       | 24.73  | cps   |
| Dysprosium | 156-2 | 7        | 0        | 10       | 6        | 91.64  | cps   |
| Erbium     | 164-1 | 25       | 42       | 8        | 25       | 66.68  | cps   |
| Erbium     | 164-2 | 13       | 20       | 10       | 14       | 35.26  | cps   |
| Gadolinium | 160-1 | 67       | 58       | 50       | 58       | 14.29  | cps   |
| Gadolinium | 160-2 | 157      | 123      | 173      | 151      | 16.85  | cps   |
| Holmium    | 165-1 | 10547603 | 10424218 | 10326753 | 10432858 | 1.06   | cps   |
| Holmium    | 165-2 | 5275475  | 5276245  | 5332773  | 5294831  | 0.62   | cps   |
| Indium     | 115-1 | 8453122  | 8477943  | 8347059  | 8426041  | 0.83   | cps   |
| Indium     | 115-2 | 1540977  | 1533489  | 1557503  | 1543989  | 0.80   | cps   |
| Iron       | 56-2  | 5379     | 5362     | 5446     | 5396     | 0.82   | cps   |
| Iron       | 57-2  | 183      | 150      | 139      | 157      | 14.69  | cps   |
| Krypton    | 83-1  | 380      | 363      | 370      | 371      | 2.26   | cps   |
| Lead       | 206-1 | 839      | 750      | 845      | 811      | 6.53   | cps   |
| Lead       | 207-1 | 872      | 706      | 789      | 789      | 10.56  | cps   |
| Lead       | 208-1 | 3717     | 3217     | 3606     | 3513     | 7.47   | cps   |
| Lithium    | 6-1   | 3501076  | 3462150  | 3455059  | 3472761  | 0.71   | cps   |
| Magnesium  | 24-2  | 125      | 100      | 150      | 125      | 20.00  | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : PB115775BL Instrumnet Name : P7  
 Client Sample ID : PB115775BL Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 16:15:55 DataFile Name : 066CCBE.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 193      | 163      | 143      | 167      | 15.10  | cps   |
| Molybdenum | 94-1  | 175      | 183      | 142      | 167      | 13.23  | cps   |
| Molybdenum | 95-1  | 33       | 33       | 33       | 33       | 0.00   | cps   |
| Molybdenum | 96-1  | 100      | 125      | 92       | 106      | 16.44  | cps   |
| Molybdenum | 97-1  | 33       | 8        | 25       | 22       | 57.29  | cps   |
| Molybdenum | 98-1  | 33       | 67       | 100      | 67       | 50.00  | cps   |
| Neodymium  | 150-1 | 0        | 0        | 20       | 7        | 173.21 | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 33       | 30       | 50       | 38       | 28.37  | cps   |
| Phosphorus | 31-2  | 142      | 125      | 158      | 142      | 11.76  | cps   |
| Potassium  | 39-2  | 13615    | 13832    | 13415    | 13621    | 1.53   | cps   |
| Rhodium    | 103-1 | 7668139  | 7619596  | 7609316  | 7632350  | 0.41   | cps   |
| Rhodium    | 103-2 | 3344406  | 3324459  | 3374661  | 3347842  | 0.76   | cps   |
| Scandium   | 45-1  | 5755659  | 5671458  | 5652477  | 5693198  | 0.96   | cps   |
| Scandium   | 45-2  | 210823   | 210256   | 215199   | 212093   | 1.28   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 35       | 28       | 56       | 40       | 36.41  | cps   |
| Selenium   | 82-1  | -27      | -16      | -27      | -23      | -25.77 | cps   |
| Silicon    | 28-1  | 210333   | 209429   | 206895   | 208886   | 0.85   | cps   |
| Silver     | 109-1 | 58       | 50       | 75       | 61       | 20.83  | cps   |
| Silver     | 107-1 | 92       | 75       | 75       | 81       | 11.95  | cps   |
| Sodium     | 23-2  | 7002     | 7310     | 7452     | 7255     | 3.17   | cps   |
| Strontium  | 86-1  | 608      | 533      | 525      | 556      | 8.26   | cps   |
| Strontium  | 88-1  | 125      | 133      | 142      | 133      | 6.25   | cps   |
| Sulfur     | 34-1  | 253226   | 255004   | 255088   | 254439   | 0.41   | cps   |
| Terbium    | 159-1 | 10793442 | 10629028 | 10665849 | 10696107 | 0.81   | cps   |
| Terbium    | 159-2 | 5209604  | 5116515  | 5235061  | 5187060  | 1.20   | cps   |
| Thallium   | 203-1 | 142      | 142      | 133      | 139      | 3.46   | cps   |
| Thallium   | 205-1 | 325      | 433      | 408      | 389      | 14.59  | cps   |
| Thorium    | 232-1 | 117      | 144      | 111      | 124      | 14.40  | cps   |
| Tin        | 118-1 | 575      | 467      | 533      | 525      | 10.41  | cps   |
| Titanium   | 47-1  | 33       | 75       | 92       | 67       | 45.07  | cps   |
| Uranium    | 238-1 | 75       | 67       | 17       | 53       | 59.77  | cps   |
| Vanadium   | 51-2  | 3        | 7        | 0        | 3        | 100.05 | cps   |
| Yttrium    | 89-1  | 8630474  | 8584733  | 8665101  | 8626770  | 0.47   | cps   |
| Yttrium    | 89-2  | 1114947  | 1110636  | 1126708  | 1117430  | 0.74   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB115775BL          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB115775BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 16:15:55 | DataFile Name :   | 066CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zinc      | 66-2 | 147  | 197  | 170  | 171     | 14.62  | cps   |
| Zirconium | 90-1 | 450  | 425  | 575  | 483     | 16.63  | cps   |
| Zirconium | 91-1 | 83   | 83   | 108  | 92      | 15.74  | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100071            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV28               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV28               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-12-27 16:24:46 | DataFile Name :   | 068CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 4902317   | 4962479   | 4948236   | 4937677   | 0.64   | cps   |
| Antimony   | 121-1 | 3963004   | 4013361   | 4027906   | 4001424   | 0.85   | cps   |
| Arsenic    | 75-2  | 119732    | 120171    | 120897    | 120267    | 0.49   | cps   |
| Barium     | 135-1 | 5060025   | 5085892   | 5114939   | 5086952   | 0.54   | cps   |
| Barium     | 137-1 | 9013243   | 9120541   | 9150299   | 9094694   | 0.79   | cps   |
| Beryllium  | 9-1   | 1384130   | 1392326   | 1391298   | 1389251   | 0.32   | cps   |
| Bismuth    | 209-1 | 6715767   | 6804851   | 6878887   | 6799835   | 1.20   | cps   |
| Bismuth    | 209-2 | 3669614   | 3749371   | 3760426   | 3726470   | 1.33   | cps   |
| Boron      | 10-1  | 247966    | 256962    | 262558    | 255829    | 2.88   | cps   |
| Boron      | 11-1  | 1123428   | 1151680   | 1158734   | 1144614   | 1.63   | cps   |
| Cadmium    | 111-1 | 1216381   | 1226506   | 1220384   | 1221090   | 0.42   | cps   |
| Cadmium    | 106-1 | 142957    | 141761    | 142047    | 142255    | 0.44   | cps   |
| Cadmium    | 108-1 | 94811     | 95913     | 96950     | 95891     | 1.12   | cps   |
| Calcium    | 43-1  | 7308507   | 7353539   | 7397100   | 7353049   | 0.60   | cps   |
| Calcium    | 44-1  | 117495928 | 117955990 | 118275044 | 117908987 | 0.33   | cps   |
| Chromium   | 52-2  | 1168843   | 1184875   | 1179844   | 1177854   | 0.70   | cps   |
| Cobalt     | 59-2  | 1834820   | 1877922   | 1876361   | 1863034   | 1.31   | cps   |
| Copper     | 63-2  | 2529424   | 2568771   | 2575061   | 2557752   | 0.97   | cps   |
| Dysprosium | 156-1 | 150       | 167       | 150       | 156       | 6.18   | cps   |
| Dysprosium | 156-2 | 80        | 70        | 70        | 73        | 7.87   | cps   |
| Erbium     | 164-1 | 58        | 67        | 25        | 50        | 44.10  | cps   |
| Erbium     | 164-2 | 33        | 27        | 17        | 26        | 32.81  | cps   |
| Gadolinium | 160-1 | 133       | 125       | 108       | 122       | 10.41  | cps   |
| Gadolinium | 160-2 | 157       | 200       | 173       | 177       | 12.37  | cps   |
| Holmium    | 165-1 | 10771616  | 10856791  | 10959871  | 10862760  | 0.87   | cps   |
| Holmium    | 165-2 | 5320760   | 5396038   | 5435534   | 5384111   | 1.08   | cps   |
| Indium     | 115-1 | 7913848   | 7999284   | 8031126   | 7981419   | 0.76   | cps   |
| Indium     | 115-2 | 1425947   | 1449971   | 1455124   | 1443681   | 1.08   | cps   |
| Iron       | 56-2  | 259032800 | 262123106 | 261909167 | 261021691 | 0.66   | cps   |
| Iron       | 57-2  | 6381049   | 6431197   | 6470950   | 6427732   | 0.70   | cps   |
| Krypton    | 83-1  | 363       | 357       | 383       | 368       | 3.77   | cps   |
| Lead       | 206-1 | 3451263   | 3504659   | 3515917   | 3490613   | 0.99   | cps   |
| Lead       | 207-1 | 3200343   | 3195210   | 3240684   | 3212079   | 0.78   | cps   |
| Lead       | 208-1 | 14492008  | 14569312  | 14709615  | 14590312  | 0.76   | cps   |
| Lithium    | 6-1   | 3518478   | 3537406   | 3566313   | 3540732   | 0.68   | cps   |
| Magnesium  | 24-2  | 51229290  | 51851127  | 51668241  | 51582886  | 0.62   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100071            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV28               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV28               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-12-27 16:24:46 | DataFile Name :   | 068CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1449585  | 1466419  | 1467672  | 1461225  | 0.69   | cps   |
| Molybdenum | 94-1  | 8568481  | 8660470  | 8726726  | 8651892  | 0.92   | cps   |
| Molybdenum | 95-1  | 10495968 | 10526548 | 10633545 | 10552020 | 0.68   | cps   |
| Molybdenum | 96-1  | 11598097 | 11564210 | 11733918 | 11632075 | 0.77   | cps   |
| Molybdenum | 97-1  | 6517141  | 6504294  | 6563769  | 6528401  | 0.48   | cps   |
| Molybdenum | 98-1  | 16743180 | 16885252 | 16911075 | 16846502 | 0.54   | cps   |
| Neodymium  | 150-1 | 613      | 693      | 687      | 664      | 6.68   | cps   |
| Neodymium  | 150-2 | 73       | 67       | 73       | 71       | 5.41   | cps   |
| Nickel     | 60-2  | 471407   | 478038   | 475354   | 474933   | 0.70   | cps   |
| Phosphorus | 31-2  | 47594    | 48731    | 48706    | 48343    | 1.34   | cps   |
| Potassium  | 39-2  | 22939542 | 23194127 | 23199590 | 23111086 | 0.64   | cps   |
| Rhodium    | 103-1 | 6793688  | 6869202  | 6897624  | 6853505  | 0.78   | cps   |
| Rhodium    | 103-2 | 2952091  | 3014213  | 2990496  | 2985600  | 1.05   | cps   |
| Scandium   | 45-1  | 5676930  | 5695977  | 5730401  | 5701103  | 0.48   | cps   |
| Scandium   | 45-2  | 214066   | 218801   | 220457   | 217775   | 1.52   | cps   |
| Selenium   | 77-2  | 3734     | 3597     | 3717     | 3683     | 2.03   | cps   |
| Selenium   | 78-2  | 12268    | 12507    | 12572    | 12449    | 1.29   | cps   |
| Selenium   | 82-1  | 87744    | 89427    | 89715    | 88962    | 1.20   | cps   |
| Silicon    | 28-1  | 4146924  | 4229433  | 4283328  | 4219895  | 1.63   | cps   |
| Silver     | 109-1 | 5072477  | 5127208  | 5142947  | 5114211  | 0.72   | cps   |
| Silver     | 107-1 | 5266202  | 5333465  | 5307472  | 5302380  | 0.64   | cps   |
| Sodium     | 23-2  | 98123175 | 98790956 | 99132973 | 98682368 | 0.52   | cps   |
| Strontium  | 86-1  | 1413803  | 1425863  | 1433185  | 1424284  | 0.69   | cps   |
| Strontium  | 88-1  | 12458913 | 12526698 | 12536726 | 12507446 | 0.34   | cps   |
| Sulfur     | 34-1  | 922515   | 926411   | 925798   | 924908   | 0.23   | cps   |
| Terbium    | 159-1 | 10901347 | 11000803 | 11233961 | 11045370 | 1.55   | cps   |
| Terbium    | 159-2 | 5138288  | 5227991  | 5239700  | 5201993  | 1.07   | cps   |
| Thallium   | 203-1 | 4317079  | 4374171  | 4384261  | 4358504  | 0.83   | cps   |
| Thallium   | 205-1 | 10646831 | 10775715 | 10794812 | 10739120 | 0.75   | cps   |
| Thorium    | 232-1 | 16994727 | 17090042 | 17269822 | 17118197 | 0.82   | cps   |
| Tin        | 118-1 | 3550847  | 3573669  | 3603943  | 3576153  | 0.74   | cps   |
| Titanium   | 47-1  | 3219815  | 3214767  | 3213049  | 3215877  | 0.11   | cps   |
| Uranium    | 238-1 | 16672951 | 16778759 | 16812110 | 16754607 | 0.43   | cps   |
| Vanadium   | 51-2  | 945381   | 953085   | 950197   | 949554   | 0.41   | cps   |
| Yttrium    | 89-1  | 8543042  | 8589971  | 8634861  | 8589291  | 0.53   | cps   |
| Yttrium    | 89-2  | 1095676  | 1107034  | 1113440  | 1105383  | 0.81   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100071            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV28               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV28               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-12-27 16:24:46 | DataFile Name :   | 068CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 430193  | 434215  | 435972  | 433460  | 0.68   | cps   |
| Zirconium | 90-1 | 7333965 | 7292921 | 7334468 | 7320451 | 0.33   | cps   |
| Zirconium | 91-1 | 1598882 | 1597452 | 1590874 | 1595736 | 0.27   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB28               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB28               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 16:29:49 | DataFile Name :   | 069CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 67       | 158      | 67       | 97       | 54.44  | cps   |
| Antimony   | 121-1 | 1150     | 975      | 1033     | 1053     | 8.46   | cps   |
| Arsenic    | 75-2  | 9        | 9        | 7        | 9        | 12.36  | cps   |
| Barium     | 135-1 | 125      | 133      | 217      | 158      | 32.01  | cps   |
| Barium     | 137-1 | 292      | 225      | 250      | 256      | 13.18  | cps   |
| Beryllium  | 9-1   | 200      | 144      | 233      | 193      | 23.32  | cps   |
| Bismuth    | 209-1 | 8045039  | 8057706  | 7936012  | 8012919  | 0.83   | cps   |
| Bismuth    | 209-2 | 4438761  | 4444469  | 4464744  | 4449325  | 0.31   | cps   |
| Boron      | 10-1  | 5426     | 5068     | 5018     | 5171     | 4.31   | cps   |
| Boron      | 11-1  | 24587    | 23753    | 21925    | 23422    | 5.81   | cps   |
| Cadmium    | 111-1 | 2928     | 3012     | 2724     | 2888     | 5.12   | cps   |
| Cadmium    | 106-1 | 4118     | 4226     | 3842     | 4062     | 4.87   | cps   |
| Cadmium    | 108-1 | 42       | 13       | 4        | 19       | 101.26 | cps   |
| Calcium    | 43-1  | 275      | 275      | 217      | 256      | 13.18  | cps   |
| Calcium    | 44-1  | 5585     | 5435     | 4984     | 5335     | 5.86   | cps   |
| Chromium   | 52-2  | 677      | 787      | 700      | 721      | 8.04   | cps   |
| Cobalt     | 59-2  | 80       | 80       | 37       | 66       | 38.16  | cps   |
| Copper     | 63-2  | 233      | 227      | 227      | 229      | 1.68   | cps   |
| Dysprosium | 156-1 | 17       | 0        | 0        | 6        | 173.21 | cps   |
| Dysprosium | 156-2 | 3        | 7        | 17       | 9        | 78.08  | cps   |
| Erbium     | 164-1 | 17       | 50       | 50       | 39       | 49.48  | cps   |
| Erbium     | 164-2 | 27       | 20       | 3        | 17       | 72.13  | cps   |
| Gadolinium | 160-1 | 58       | 33       | 33       | 42       | 34.65  | cps   |
| Gadolinium | 160-2 | 213      | 197      | 187      | 199      | 6.77   | cps   |
| Holmium    | 165-1 | 11388249 | 11458113 | 11221782 | 11356048 | 1.07   | cps   |
| Holmium    | 165-2 | 5657074  | 5652762  | 5715765  | 5675200  | 0.62   | cps   |
| Indium     | 115-1 | 9156347  | 9112130  | 9086195  | 9118224  | 0.39   | cps   |
| Indium     | 115-2 | 1675261  | 1671636  | 1674864  | 1673920  | 0.12   | cps   |
| Iron       | 56-2  | 8403     | 8358     | 8258     | 8340     | 0.89   | cps   |
| Iron       | 57-2  | 233      | 272      | 239      | 248      | 8.48   | cps   |
| Krypton    | 83-1  | 353      | 337      | 287      | 326      | 10.66  | cps   |
| Lead       | 206-1 | 1217     | 1139     | 1183     | 1180     | 3.31   | cps   |
| Lead       | 207-1 | 1161     | 1089     | 1067     | 1106     | 4.47   | cps   |
| Lead       | 208-1 | 4934     | 4684     | 4845     | 4821     | 2.63   | cps   |
| Lithium    | 6-1   | 4010192  | 4006989  | 3982518  | 3999900  | 0.38   | cps   |
| Magnesium  | 24-2  | 1150     | 967      | 950      | 1022     | 10.86  | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : CCB28 Instrumnet Name : P7  
 Client Sample ID : CCB28 Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 16:29:49 DataFile Name : 069CCBE.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 107      | 100      | 90       | 99       | 8.48   | cps   |
| Molybdenum | 94-1  | 992      | 983      | 858      | 945      | 7.91   | cps   |
| Molybdenum | 95-1  | 1358     | 1117     | 958      | 1145     | 17.60  | cps   |
| Molybdenum | 96-1  | 1225     | 1317     | 1050     | 1197     | 11.32  | cps   |
| Molybdenum | 97-1  | 775      | 717      | 500      | 664      | 21.83  | cps   |
| Molybdenum | 98-1  | 2142     | 1725     | 1709     | 1859     | 13.21  | cps   |
| Neodymium  | 150-1 | 13       | 0        | 7        | 7        | 99.98  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 30       | 40       | 50       | 40       | 25.00  | cps   |
| Phosphorus | 31-2  | 133      | 200      | 192      | 175      | 20.76  | cps   |
| Potassium  | 39-2  | 17603    | 17494    | 17102    | 17400    | 1.51   | cps   |
| Rhodium    | 103-1 | 8260499  | 8340360  | 8267299  | 8289386  | 0.53   | cps   |
| Rhodium    | 103-2 | 3607102  | 3604747  | 3650285  | 3620711  | 0.71   | cps   |
| Scandium   | 45-1  | 6234120  | 6260526  | 6159886  | 6218177  | 0.84   | cps   |
| Scandium   | 45-2  | 235671   | 236962   | 237457   | 236697   | 0.39   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 39       | 44       | 50       | 44       | 12.50  | cps   |
| Selenium   | 82-1  | 7        | 20       | 80       | 36       | 108.65 | cps   |
| Silicon    | 28-1  | 222081   | 224525   | 222151   | 222919   | 0.62   | cps   |
| Silver     | 109-1 | 267      | 267      | 308      | 281      | 8.57   | cps   |
| Silver     | 107-1 | 300      | 433      | 308      | 347      | 21.51  | cps   |
| Sodium     | 23-2  | 18253    | 18604    | 17561    | 18139    | 2.93   | cps   |
| Strontium  | 86-1  | 708      | 642      | 633      | 661      | 6.22   | cps   |
| Strontium  | 88-1  | 467      | 392      | 300      | 386      | 21.62  | cps   |
| Sulfur     | 34-1  | 381920   | 380671   | 379367   | 380653   | 0.34   | cps   |
| Terbium    | 159-1 | 11616110 | 11680615 | 11465079 | 11587268 | 0.95   | cps   |
| Terbium    | 159-2 | 5516052  | 5542570  | 5580486  | 5546369  | 0.58   | cps   |
| Thallium   | 203-1 | 958      | 642      | 867      | 822      | 19.82  | cps   |
| Thallium   | 205-1 | 2142     | 2100     | 2117     | 2120     | 0.99   | cps   |
| Thorium    | 232-1 | 2222     | 1984     | 1950     | 2052     | 7.24   | cps   |
| Tin        | 118-1 | 1092     | 1100     | 1100     | 1097     | 0.44   | cps   |
| Titanium   | 47-1  | 167      | 142      | 100      | 136      | 24.74  | cps   |
| Uranium    | 238-1 | 500      | 375      | 467      | 447      | 14.47  | cps   |
| Vanadium   | 51-2  | 17       | 33       | 17       | 22       | 43.28  | cps   |
| Yttrium    | 89-1  | 9389742  | 9390537  | 9301679  | 9360653  | 0.55   | cps   |
| Yttrium    | 89-2  | 1218256  | 1209001  | 1226093  | 1217783  | 0.70   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB28               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB28               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 16:29:49 | DataFile Name :   | 069CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zinc      | 66-2 | 210  | 167  | 243  | 207     | 18.60  | cps   |
| Zirconium | 90-1 | 783  | 983  | 858  | 875     | 11.55  | cps   |
| Zirconium | 91-1 | 133  | 208  | 233  | 192     | 27.15  | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : PB115775BS Instrumnet Name : P7  
 Client Sample ID : PB115775BS Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 16:34:41 DataFile Name : 070LCS6.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 908634   | 919777   | 910746   | 913052   | 0.65   | cps   |
| Antimony   | 121-1 | 4105712  | 4085176  | 3994330  | 4061739  | 1.46   | cps   |
| Arsenic    | 75-2  | 129821   | 129304   | 129150   | 129425   | 0.27   | cps   |
| Barium     | 135-1 | 5239727  | 5273440  | 5144911  | 5219359  | 1.28   | cps   |
| Barium     | 137-1 | 9436595  | 9393794  | 9227532  | 9352640  | 1.18   | cps   |
| Beryllium  | 9-1   | 1483042  | 1472221  | 1455398  | 1470220  | 0.95   | cps   |
| Bismuth    | 209-1 | 7516313  | 7537304  | 7390134  | 7481250  | 1.06   | cps   |
| Bismuth    | 209-2 | 4109887  | 4134782  | 4123821  | 4122830  | 0.30   | cps   |
| Boron      | 10-1  | 262736   | 267056   | 269352   | 266381   | 1.26   | cps   |
| Boron      | 11-1  | 1174011  | 1207885  | 1197973  | 1193290  | 1.46   | cps   |
| Cadmium    | 111-1 | 1244061  | 1236074  | 1209477  | 1229871  | 1.47   | cps   |
| Cadmium    | 106-1 | 142544   | 141527   | 141713   | 141928   | 0.38   | cps   |
| Cadmium    | 108-1 | 96626    | 95859    | 93221    | 95235    | 1.88   | cps   |
| Calcium    | 43-1  | 1554193  | 1533937  | 1516080  | 1534737  | 1.24   | cps   |
| Calcium    | 44-1  | 25007524 | 24770398 | 24522490 | 24766804 | 0.98   | cps   |
| Chromium   | 52-2  | 1192738  | 1186437  | 1188706  | 1189294  | 0.27   | cps   |
| Cobalt     | 59-2  | 1932344  | 1927458  | 1918985  | 1926262  | 0.35   | cps   |
| Copper     | 63-2  | 2628056  | 2638965  | 2616180  | 2627734  | 0.43   | cps   |
| Dysprosium | 156-1 | 92       | 117      | 183      | 131      | 36.30  | cps   |
| Dysprosium | 156-2 | 153      | 83       | 147      | 128      | 30.23  | cps   |
| Erbium     | 164-1 | 33       | 67       | 17       | 39       | 65.47  | cps   |
| Erbium     | 164-2 | 27       | 7        | 20       | 18       | 57.27  | cps   |
| Gadolinium | 160-1 | 67       | 75       | 108      | 83       | 26.46  | cps   |
| Gadolinium | 160-2 | 193      | 167      | 250      | 203      | 20.93  | cps   |
| Holmium    | 165-1 | 11142917 | 11105261 | 10969909 | 11072696 | 0.82   | cps   |
| Holmium    | 165-2 | 5497207  | 5527795  | 5526502  | 5517168  | 0.31   | cps   |
| Indium     | 115-1 | 8551936  | 8522757  | 8393662  | 8489451  | 0.99   | cps   |
| Indium     | 115-2 | 1523862  | 1524236  | 1528451  | 1525516  | 0.17   | cps   |
| Iron       | 56-2  | 54438800 | 54256465 | 53728764 | 54141343 | 0.68   | cps   |
| Iron       | 57-2  | 1296417  | 1302549  | 1294229  | 1297732  | 0.33   | cps   |
| Krypton    | 83-1  | 390      | 323      | 310      | 341      | 12.56  | cps   |
| Lead       | 206-1 | 3685716  | 3693300  | 3581837  | 3653617  | 1.70   | cps   |
| Lead       | 207-1 | 3366324  | 3371495  | 3298750  | 3345523  | 1.21   | cps   |
| Lead       | 208-1 | 15378909 | 15378247 | 15013035 | 15256730 | 1.38   | cps   |
| Lithium    | 6-1   | 3762418  | 3757919  | 3662225  | 3727521  | 1.52   | cps   |
| Magnesium  | 24-2  | 11185627 | 11156190 | 11082810 | 11141542 | 0.48   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB115775BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB115775BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 16:34:41 | DataFile Name :   | 070LCS6.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1487166  | 1504138  | 1494501  | 1495268  | 0.57   | cps   |
| Molybdenum | 94-1  | 8791816  | 8873283  | 8569176  | 8744759  | 1.80   | cps   |
| Molybdenum | 95-1  | 10838947 | 10843468 | 10630094 | 10770836 | 1.13   | cps   |
| Molybdenum | 96-1  | 11998417 | 11951612 | 11700596 | 11883542 | 1.35   | cps   |
| Molybdenum | 97-1  | 6700823  | 6621042  | 6587199  | 6636354  | 0.88   | cps   |
| Molybdenum | 98-1  | 17298758 | 17222371 | 17030860 | 17183996 | 0.80   | cps   |
| Neodymium  | 150-1 | 600      | 607      | 667      | 624      | 5.88   | cps   |
| Neodymium  | 150-2 | 40       | 47       | 43       | 43       | 7.70   | cps   |
| Nickel     | 60-2  | 503616   | 501378   | 495929   | 500308   | 0.79   | cps   |
| Phosphorus | 31-2  | 50411    | 50562    | 49324    | 50099    | 1.35   | cps   |
| Potassium  | 39-2  | 4549862  | 4547061  | 4493111  | 4530011  | 0.71   | cps   |
| Rhodium    | 103-1 | 7548040  | 7594035  | 7404462  | 7515512  | 1.32   | cps   |
| Rhodium    | 103-2 | 3229138  | 3244042  | 3258326  | 3243835  | 0.45   | cps   |
| Scandium   | 45-1  | 5958797  | 5907655  | 5852062  | 5906171  | 0.90   | cps   |
| Scandium   | 45-2  | 219439   | 219139   | 218729   | 219102   | 0.16   | cps   |
| Selenium   | 77-2  | 3861     | 3897     | 3681     | 3813     | 3.04   | cps   |
| Selenium   | 78-2  | 12809    | 12865    | 13139    | 12938    | 1.37   | cps   |
| Selenium   | 82-1  | 97264    | 96078    | 96061    | 96468    | 0.72   | cps   |
| Silicon    | 28-1  | 4268004  | 4303604  | 4252422  | 4274676  | 0.61   | cps   |
| Silver     | 109-1 | 5471848  | 5441896  | 5343311  | 5419019  | 1.24   | cps   |
| Silver     | 107-1 | 5582003  | 5639709  | 5478470  | 5566727  | 1.47   | cps   |
| Sodium     | 23-2  | 20118509 | 19949420 | 19922252 | 19996727 | 0.53   | cps   |
| Strontium  | 86-1  | 1477534  | 1475641  | 1450049  | 1467741  | 1.05   | cps   |
| Strontium  | 88-1  | 12996592 | 12899036 | 12628325 | 12841318 | 1.49   | cps   |
| Sulfur     | 34-1  | 969235   | 954687   | 942947   | 955623   | 1.38   | cps   |
| Terbium    | 159-1 | 11425104 | 11365747 | 11235298 | 11342050 | 0.86   | cps   |
| Terbium    | 159-2 | 5346031  | 5366279  | 5354105  | 5355472  | 0.19   | cps   |
| Thallium   | 203-1 | 4571841  | 4551094  | 4431927  | 4518287  | 1.67   | cps   |
| Thallium   | 205-1 | 11198395 | 11193653 | 10943882 | 11111977 | 1.31   | cps   |
| Thorium    | 232-1 | 17144767 | 17310604 | 16912942 | 17122771 | 1.17   | cps   |
| Tin        | 118-1 | 3762288  | 3750522  | 3680885  | 3731232  | 1.18   | cps   |
| Titanium   | 47-1  | 3339295  | 3311503  | 3245395  | 3298731  | 1.46   | cps   |
| Uranium    | 238-1 | 16729520 | 16847111 | 16526519 | 16701050 | 0.97   | cps   |
| Vanadium   | 51-2  | 952374   | 945316   | 943857   | 947182   | 0.48   | cps   |
| Yttrium    | 89-1  | 9023298  | 8913498  | 8821812  | 8919536  | 1.13   | cps   |
| Yttrium    | 89-2  | 1137155  | 1137800  | 1138609  | 1137854  | 0.06   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | PB115775BS          | Instrumnet Name : | P7        |
| Client Sample ID :      | PB115775BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 16:34:41 | DataFile Name :   | 070LCS6.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 439691  | 439389  | 433622  | 437568  | 0.78   | cps   |
| Zirconium | 90-1 | 7407478 | 7444692 | 7325542 | 7392571 | 0.82   | cps   |
| Zirconium | 91-1 | 1622215 | 1630370 | 1589227 | 1613937 | 1.35   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-04 Instrumnet Name : P7  
 Client Sample ID : P001-SS008-1218-01 Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 16:38:15 DataFile Name : 071SMPL.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 15712598  | 15749349  | 15719848  | 15727265  | 0.12   | cps   |
| Antimony   | 121-1 | 4693      | 4159      | 3884      | 4245      | 9.68   | cps   |
| Arsenic    | 75-2  | 20507     | 20487     | 20722     | 20572     | 0.63   | cps   |
| Barium     | 135-1 | 3874520   | 3854367   | 3844999   | 3857962   | 0.39   | cps   |
| Barium     | 137-1 | 7036800   | 7011648   | 6973202   | 7007216   | 0.46   | cps   |
| Beryllium  | 9-1   | 24020     | 23491     | 24170     | 23893     | 1.49   | cps   |
| Bismuth    | 209-1 | 7296033   | 7343510   | 7289739   | 7309761   | 0.40   | cps   |
| Bismuth    | 209-2 | 4017735   | 4099221   | 4088554   | 4068503   | 1.09   | cps   |
| Boron      | 10-1  | 17377     | 17994     | 17244     | 17538     | 2.28   | cps   |
| Boron      | 11-1  | 78604     | 75933     | 74777     | 76438     | 2.57   | cps   |
| Cadmium    | 111-1 | 15343     | 14910     | 14624     | 14959     | 2.42   | cps   |
| Cadmium    | 106-1 | 11338     | 10521     | 9921      | 10593     | 6.72   | cps   |
| Cadmium    | 108-1 | 2038      | 2088      | 2159      | 2095      | 2.90   | cps   |
| Calcium    | 43-1  | 519922    | 518498    | 513670    | 517363    | 0.63   | cps   |
| Calcium    | 44-1  | 8410600   | 8535517   | 8444748   | 8463622   | 0.76   | cps   |
| Chromium   | 52-2  | 582192    | 587866    | 587534    | 585864    | 0.54   | cps   |
| Cobalt     | 59-2  | 519686    | 524965    | 528735    | 524462    | 0.87   | cps   |
| Copper     | 63-2  | 1103610   | 1098697   | 1110567   | 1104291   | 0.54   | cps   |
| Dysprosium | 156-1 | 384476    | 386926    | 385065    | 385489    | 0.33   | cps   |
| Dysprosium | 156-2 | 196064    | 199663    | 196979    | 197569    | 0.95   | cps   |
| Erbium     | 164-1 | 344138    | 349072    | 344257    | 345822    | 0.81   | cps   |
| Erbium     | 164-2 | 175028    | 177762    | 176875    | 176555    | 0.79   | cps   |
| Gadolinium | 160-1 | 379035    | 381117    | 376854    | 379002    | 0.56   | cps   |
| Gadolinium | 160-2 | 214960    | 218703    | 218888    | 217517    | 1.02   | cps   |
| Holmium    | 165-1 | 11246383  | 11377593  | 11351102  | 11325026  | 0.61   | cps   |
| Holmium    | 165-2 | 5694118   | 5717370   | 5760783   | 5724090   | 0.59   | cps   |
| Indium     | 115-1 | 8512489   | 8565820   | 8512528   | 8530279   | 0.36   | cps   |
| Indium     | 115-2 | 1581020   | 1599660   | 1594992   | 1591891   | 0.61   | cps   |
| Iron       | 56-2  | 765816506 | 771016462 | 767529906 | 768120958 | 0.34   | cps   |
| Iron       | 57-2  | 18746725  | 18772792  | 18646766  | 18722094  | 0.36   | cps   |
| Krypton    | 83-1  | 830       | 933       | 850       | 871       | 6.29   | cps   |
| Lead       | 206-1 | 21050462  | 21085460  | 21023683  | 21053201  | 0.15   | cps   |
| Lead       | 207-1 | 17630393  | 17775563  | 17652631  | 17686195  | 0.44   | cps   |
| Lead       | 208-1 | 81784225  | 82058334  | 82098906  | 81980489  | 0.21   | cps   |
| Lithium    | 6-1   | 4144560   | 4128766   | 4149194   | 4140840   | 0.26   | cps   |
| Magnesium  | 24-2  | 13053522  | 13030094  | 13026632  | 13036749  | 0.11   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS008-1218-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 16:38:15 | DataFile Name :   | 071SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3     | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|----------|-----------|--------|-------|
| Manganese  | 55-2  | 19231773  | 19212052  | 19280078 | 19241301  | 0.18   | cps   |
| Molybdenum | 94-1  | 362157    | 357017    | 363872   | 361015    | 0.99   | cps   |
| Molybdenum | 95-1  | 74562     | 73767     | 73649    | 73992     | 0.67   | cps   |
| Molybdenum | 96-1  | 148717    | 149568    | 145511   | 147932    | 1.45   | cps   |
| Molybdenum | 97-1  | 46343     | 44847     | 44387    | 45192     | 2.26   | cps   |
| Molybdenum | 98-1  | 116474    | 115112    | 115608   | 115731    | 0.60   | cps   |
| Neodymium  | 150-1 | 413780    | 410706    | 412757   | 412415    | 0.38   | cps   |
| Neodymium  | 150-2 | 163230    | 164978    | 167555   | 165255    | 1.32   | cps   |
| Nickel     | 60-2  | 297228    | 296193    | 297667   | 297029    | 0.25   | cps   |
| Phosphorus | 31-2  | 33079     | 32745     | 32161    | 32662     | 1.42   | cps   |
| Potassium  | 39-2  | 1622029   | 1639272   | 1627612  | 1629638   | 0.54   | cps   |
| Rhodium    | 103-1 | 7568551   | 7587710   | 7603360  | 7586541   | 0.23   | cps   |
| Rhodium    | 103-2 | 3320992   | 3337201   | 3351338  | 3336510   | 0.46   | cps   |
| Scandium   | 45-1  | 6873534   | 6969313   | 6917662  | 6920170   | 0.69   | cps   |
| Scandium   | 45-2  | 259868    | 261854    | 260922   | 260881    | 0.38   | cps   |
| Selenium   | 77-2  | 807       | 923       | 880      | 870       | 6.78   | cps   |
| Selenium   | 78-2  | 661       | 635       | 657      | 651       | 2.15   | cps   |
| Selenium   | 82-1  | 937       | 777       | 972      | 895       | 11.64  | cps   |
| Silicon    | 28-1  | 100378156 | 101359742 | 99986058 | 100574652 | 0.70   | cps   |
| Silver     | 109-1 | 7144      | 7144      | 6952     | 7080      | 1.56   | cps   |
| Silver     | 107-1 | 8244      | 8111      | 8311     | 8222      | 1.24   | cps   |
| Sodium     | 23-2  | 391097    | 388683    | 389877   | 389886    | 0.31   | cps   |
| Strontium  | 86-1  | 251132    | 250364    | 248265   | 249920    | 0.59   | cps   |
| Strontium  | 88-1  | 2160005   | 2166487   | 2159398  | 2161964   | 0.18   | cps   |
| Sulfur     | 34-1  | 458812    | 453741    | 444585   | 452379    | 1.59   | cps   |
| Terbium    | 159-1 | 11503138  | 11596144  | 11575143 | 11558141  | 0.42   | cps   |
| Terbium    | 159-2 | 5540940   | 5626527   | 5629879  | 5599115   | 0.90   | cps   |
| Thallium   | 203-1 | 7978      | 8128      | 7828     | 7978      | 1.88   | cps   |
| Thallium   | 205-1 | 20124     | 19473     | 20057    | 19885     | 1.80   | cps   |
| Thorium    | 232-1 | 1190835   | 1198557   | 1181759  | 1190384   | 0.71   | cps   |
| Tin        | 118-1 | 26601     | 26334     | 26008    | 26314     | 1.13   | cps   |
| Titanium   | 47-1  | 298690    | 301904    | 304533   | 301709    | 0.97   | cps   |
| Uranium    | 238-1 | 148228    | 152720    | 148564   | 149837    | 1.67   | cps   |
| Vanadium   | 51-2  | 403841    | 411214    | 410973   | 408676    | 1.03   | cps   |
| Yttrium    | 89-1  | 13741024  | 13835434  | 13916559 | 13831006  | 0.64   | cps   |
| Yttrium    | 89-2  | 1797809   | 1804803   | 1807205  | 1803272   | 0.27   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-04            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS008-1218-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 16:38:15 | DataFile Name :   | 071SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 813661 | 815199 | 814810 | 814557  | 0.10   | cps   |
| Zirconium | 90-1 | 864679 | 875313 | 872630 | 870874  | 0.64   | cps   |
| Zirconium | 91-1 | 194850 | 196175 | 194833 | 195286  | 0.39   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-04DUP Instrumnet Name : P7  
 Client Sample ID : P001-SS008-1218-01DU Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 16:41:52 DataFile Name : 072SMPL.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 15628520  | 15712526  | 15679274  | 15673440  | 0.27   | cps   |
| Antimony   | 121-1 | 3192      | 2992      | 2959      | 3048      | 4.14   | cps   |
| Arsenic    | 75-2  | 20201     | 20196     | 20468     | 20288     | 0.77   | cps   |
| Barium     | 135-1 | 3867036   | 3841821   | 3794408   | 3834421   | 0.96   | cps   |
| Barium     | 137-1 | 7030845   | 6968737   | 6959763   | 6986448   | 0.55   | cps   |
| Beryllium  | 9-1   | 23385     | 23914     | 23285     | 23528     | 1.44   | cps   |
| Bismuth    | 209-1 | 7266499   | 7289377   | 7213609   | 7256495   | 0.54   | cps   |
| Bismuth    | 209-2 | 4005145   | 4023846   | 4040879   | 4023290   | 0.44   | cps   |
| Boron      | 10-1  | 13115     | 13114     | 13757     | 13329     | 2.78   | cps   |
| Boron      | 11-1  | 58547     | 58480     | 58597     | 58542     | 0.10   | cps   |
| Cadmium    | 111-1 | 14312     | 14579     | 14208     | 14367     | 1.33   | cps   |
| Cadmium    | 106-1 | 9854      | 10029     | 9745      | 9876      | 1.45   | cps   |
| Cadmium    | 108-1 | 2025      | 1771      | 1821      | 1872      | 7.19   | cps   |
| Calcium    | 43-1  | 500151    | 498168    | 499613    | 499311    | 0.21   | cps   |
| Calcium    | 44-1  | 8193247   | 8169974   | 8217749   | 8193657   | 0.29   | cps   |
| Chromium   | 52-2  | 570174    | 573271    | 578797    | 574081    | 0.76   | cps   |
| Cobalt     | 59-2  | 517154    | 521145    | 520911    | 519737    | 0.43   | cps   |
| Copper     | 63-2  | 1083723   | 1091035   | 1091325   | 1088694   | 0.40   | cps   |
| Dysprosium | 156-1 | 385150    | 384947    | 381468    | 383855    | 0.54   | cps   |
| Dysprosium | 156-2 | 195924    | 197458    | 199349    | 197577    | 0.87   | cps   |
| Erbium     | 164-1 | 343283    | 342973    | 340308    | 342188    | 0.48   | cps   |
| Erbium     | 164-2 | 174253    | 174035    | 177344    | 175211    | 1.06   | cps   |
| Gadolinium | 160-1 | 379044    | 377172    | 373502    | 376573    | 0.75   | cps   |
| Gadolinium | 160-2 | 214447    | 218458    | 217490    | 216798    | 0.97   | cps   |
| Holmium    | 165-1 | 11270167  | 11286526  | 11141272  | 11232655  | 0.71   | cps   |
| Holmium    | 165-2 | 5639231   | 5661402   | 5713116   | 5671250   | 0.67   | cps   |
| Indium     | 115-1 | 8464703   | 8466142   | 8498356   | 8476400   | 0.22   | cps   |
| Indium     | 115-2 | 1549157   | 1563793   | 1563748   | 1558899   | 0.54   | cps   |
| Iron       | 56-2  | 761069550 | 756070261 | 764402617 | 760514143 | 0.55   | cps   |
| Iron       | 57-2  | 18569248  | 18560587  | 18632214  | 18587349  | 0.21   | cps   |
| Krypton    | 83-1  | 907       | 807       | 877       | 863       | 5.94   | cps   |
| Lead       | 206-1 | 20928988  | 20975343  | 20747366  | 20883899  | 0.58   | cps   |
| Lead       | 207-1 | 17568837  | 17629060  | 17414564  | 17537487  | 0.63   | cps   |
| Lead       | 208-1 | 81583740  | 81519261  | 81024224  | 81375742  | 0.38   | cps   |
| Lithium    | 6-1   | 4085642   | 4069776   | 4041978   | 4065799   | 0.54   | cps   |
| Magnesium  | 24-2  | 12954437  | 12905735  | 12982921  | 12947698  | 0.30   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-04DUP Instrumnet Name : P7  
 Client Sample ID : P001-SS008-1218-01DU Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 16:41:52 DataFile Name : 072SMPL.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Manganese  | 55-2  | 19386911  | 19359318  | 19729378  | 19491869  | 1.06   | cps   |
| Molybdenum | 94-1  | 361641    | 356437    | 356551    | 358210    | 0.83   | cps   |
| Molybdenum | 95-1  | 71907     | 71839     | 69503     | 71083     | 1.93   | cps   |
| Molybdenum | 96-1  | 142379    | 144568    | 140493    | 142480    | 1.43   | cps   |
| Molybdenum | 97-1  | 43116     | 42531     | 43099     | 42915     | 0.78   | cps   |
| Molybdenum | 98-1  | 113574    | 111561    | 110535    | 111890    | 1.38   | cps   |
| Neodymium  | 150-1 | 418031    | 415581    | 415865    | 416492    | 0.32   | cps   |
| Neodymium  | 150-2 | 162701    | 165405    | 166648    | 164918    | 1.22   | cps   |
| Nickel     | 60-2  | 290163    | 292123    | 295925    | 292737    | 1.00   | cps   |
| Phosphorus | 31-2  | 32252     | 33013     | 33380     | 32882     | 1.75   | cps   |
| Potassium  | 39-2  | 1585235   | 1587056   | 1605816   | 1592703   | 0.72   | cps   |
| Rhodium    | 103-1 | 7540473   | 7508645   | 7478711   | 7509276   | 0.41   | cps   |
| Rhodium    | 103-2 | 3244883   | 3281831   | 3301950   | 3276221   | 0.88   | cps   |
| Scandium   | 45-1  | 6834133   | 6817347   | 6847792   | 6833091   | 0.22   | cps   |
| Scandium   | 45-2  | 255560    | 257691    | 258029    | 257093    | 0.52   | cps   |
| Selenium   | 77-2  | 773       | 717       | 803       | 764       | 5.76   | cps   |
| Selenium   | 78-2  | 593       | 628       | 624       | 615       | 3.14   | cps   |
| Selenium   | 82-1  | 842       | 934       | 911       | 896       | 5.38   | cps   |
| Silicon    | 28-1  | 104332046 | 104019752 | 103249475 | 103867091 | 0.54   | cps   |
| Silver     | 109-1 | 6985      | 6969      | 6694      | 6883      | 2.38   | cps   |
| Silver     | 107-1 | 7811      | 7878      | 7652      | 7780      | 1.49   | cps   |
| Sodium     | 23-2  | 152889    | 152601    | 152628    | 152706    | 0.10   | cps   |
| Strontium  | 86-1  | 245414    | 244177    | 240583    | 243391    | 1.03   | cps   |
| Strontium  | 88-1  | 2098896   | 2090515   | 2070486   | 2086632   | 0.70   | cps   |
| Sulfur     | 34-1  | 398555    | 395468    | 397703    | 397242    | 0.40   | cps   |
| Terbium    | 159-1 | 11522888  | 11518302  | 11422504  | 11487898  | 0.49   | cps   |
| Terbium    | 159-2 | 5501177   | 5528276   | 5558868   | 5529440   | 0.52   | cps   |
| Thallium   | 203-1 | 8303      | 8019      | 7786      | 8036      | 3.22   | cps   |
| Thallium   | 205-1 | 18814     | 18389     | 18430     | 18544     | 1.26   | cps   |
| Thorium    | 232-1 | 1206191   | 1205767   | 1185433   | 1199130   | 0.99   | cps   |
| Tin        | 118-1 | 16752     | 15384     | 15626     | 15921     | 4.59   | cps   |
| Titanium   | 47-1  | 312358    | 310625    | 309584    | 310856    | 0.45   | cps   |
| Uranium    | 238-1 | 149913    | 149821    | 146618    | 148784    | 1.26   | cps   |
| Vanadium   | 51-2  | 400251    | 402742    | 405308    | 402767    | 0.63   | cps   |
| Yttrium    | 89-1  | 13681204  | 13690686  | 13524881  | 13632257  | 0.68   | cps   |
| Yttrium    | 89-2  | 1753271   | 1774143   | 1783540   | 1770318   | 0.88   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-04DUP          | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS008-1218-01DU | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 16:41:52  | DataFile Name :   | 072SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 783976 | 793750 | 790575 | 789433  | 0.63   | cps   |
| Zirconium | 90-1 | 864498 | 859766 | 854813 | 859692  | 0.56   | cps   |
| Zirconium | 91-1 | 193349 | 193923 | 190197 | 192489  | 1.04   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-04LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS008-1218-01L | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 16:45:28 | DataFile Name :   | 073SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 3053730   | 3063758   | 3039635   | 3052374   | 0.40   | cps   |
| Antimony   | 121-1 | 908       | 933       | 825       | 889       | 6.38   | cps   |
| Arsenic    | 75-2  | 4249      | 4532      | 4262      | 4348      | 3.68   | cps   |
| Barium     | 135-1 | 784896    | 769181    | 777837    | 777305    | 1.01   | cps   |
| Barium     | 137-1 | 1366222   | 1370768   | 1364503   | 1367164   | 0.24   | cps   |
| Beryllium  | 9-1   | 4645      | 5257      | 4945      | 4949      | 6.18   | cps   |
| Bismuth    | 209-1 | 7795562   | 7776050   | 7658503   | 7743372   | 0.96   | cps   |
| Bismuth    | 209-2 | 4351581   | 4397268   | 4377533   | 4375461   | 0.52   | cps   |
| Boron      | 10-1  | 4493      | 4968      | 4743      | 4734      | 5.02   | cps   |
| Boron      | 11-1  | 21491     | 21750     | 21441     | 21561     | 0.77   | cps   |
| Cadmium    | 111-1 | 5195      | 5236      | 5080      | 5170      | 1.56   | cps   |
| Cadmium    | 106-1 | 5260      | 4943      | 4926      | 5043      | 3.73   | cps   |
| Cadmium    | 108-1 | 433       | 392       | 467       | 431       | 8.73   | cps   |
| Calcium    | 43-1  | 102999    | 102739    | 103763    | 103167    | 0.52   | cps   |
| Calcium    | 44-1  | 1668653   | 1652079   | 1654600   | 1658444   | 0.54   | cps   |
| Chromium   | 52-2  | 117655    | 118111    | 117400    | 117722    | 0.31   | cps   |
| Cobalt     | 59-2  | 107074    | 106489    | 106758    | 106774    | 0.27   | cps   |
| Copper     | 63-2  | 230707    | 233556    | 230028    | 231430    | 0.81   | cps   |
| Dysprosium | 156-1 | 77126     | 78349     | 78248     | 77908     | 0.87   | cps   |
| Dysprosium | 156-2 | 39116     | 40038     | 39397     | 39517     | 1.20   | cps   |
| Erbium     | 164-1 | 69126     | 69226     | 67526     | 68626     | 1.39   | cps   |
| Erbium     | 164-2 | 35306     | 35389     | 35533     | 35409     | 0.32   | cps   |
| Gadolinium | 160-1 | 76154     | 76833     | 75215     | 76067     | 1.07   | cps   |
| Gadolinium | 160-2 | 43175     | 43509     | 43225     | 43303     | 0.42   | cps   |
| Holmium    | 165-1 | 11303097  | 11379245  | 11236353  | 11306232  | 0.63   | cps   |
| Holmium    | 165-2 | 5766060   | 5816111   | 5770208   | 5784126   | 0.48   | cps   |
| Indium     | 115-1 | 8832186   | 8862291   | 8789560   | 8828012   | 0.41   | cps   |
| Indium     | 115-2 | 1619355   | 1661661   | 1649145   | 1643387   | 1.32   | cps   |
| Iron       | 56-2  | 154295848 | 153449126 | 153402287 | 153715753 | 0.33   | cps   |
| Iron       | 57-2  | 3661375   | 3693990   | 3659276   | 3671547   | 0.53   | cps   |
| Krypton    | 83-1  | 530       | 463       | 433       | 476       | 10.40  | cps   |
| Lead       | 206-1 | 4147243   | 4103977   | 4090501   | 4113907   | 0.72   | cps   |
| Lead       | 207-1 | 3477813   | 3423213   | 3397725   | 3432917   | 1.19   | cps   |
| Lead       | 208-1 | 16513007  | 16382084  | 16213258  | 16369450  | 0.92   | cps   |
| Lithium    | 6-1   | 3938828   | 3863074   | 3847391   | 3883098   | 1.26   | cps   |
| Magnesium  | 24-2  | 2534244   | 2547914   | 2526689   | 2536283   | 0.42   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-04LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS008-1218-01L | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 16:45:28 | DataFile Name :   | 073SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 3759725  | 3787157  | 3780309  | 3775730  | 0.38   | cps   |
| Molybdenum | 94-1  | 70901    | 71136    | 70667    | 70901    | 0.33   | cps   |
| Molybdenum | 95-1  | 14541    | 14208    | 14717    | 14488    | 1.78   | cps   |
| Molybdenum | 96-1  | 29265    | 28546    | 29857    | 29223    | 2.25   | cps   |
| Molybdenum | 97-1  | 8778     | 9303     | 9404     | 9162     | 3.67   | cps   |
| Molybdenum | 98-1  | 22702    | 22560    | 22911    | 22724    | 0.78   | cps   |
| Neodymium  | 150-1 | 83552    | 83941    | 82426    | 83306    | 0.95   | cps   |
| Neodymium  | 150-2 | 32940    | 33454    | 33374    | 33256    | 0.83   | cps   |
| Nickel     | 60-2  | 60973    | 62114    | 61502    | 61530    | 0.93   | cps   |
| Phosphorus | 31-2  | 7160     | 6685     | 7027     | 6957     | 3.52   | cps   |
| Potassium  | 39-2  | 334598   | 336852   | 335228   | 335559   | 0.35   | cps   |
| Rhodium    | 103-1 | 7978430  | 7961841  | 7925471  | 7955247  | 0.34   | cps   |
| Rhodium    | 103-2 | 3497515  | 3541398  | 3520450  | 3519788  | 0.62   | cps   |
| Scandium   | 45-1  | 6261051  | 6232059  | 6274835  | 6255981  | 0.35   | cps   |
| Scandium   | 45-2  | 237831   | 241528   | 238682   | 239347   | 0.81   | cps   |
| Selenium   | 77-2  | 183      | 170      | 117      | 157      | 22.52  | cps   |
| Selenium   | 78-2  | 144      | 130      | 172      | 149      | 14.54  | cps   |
| Selenium   | 82-1  | 148      | 191      | 198      | 179      | 15.12  | cps   |
| Silicon    | 28-1  | 20081508 | 19977759 | 19979938 | 20013069 | 0.30   | cps   |
| Silver     | 109-1 | 1617     | 1517     | 1425     | 1520     | 6.31   | cps   |
| Silver     | 107-1 | 1734     | 1842     | 1650     | 1742     | 5.52   | cps   |
| Sodium     | 23-2  | 83230    | 86567    | 83751    | 84516    | 2.12   | cps   |
| Strontium  | 86-1  | 50030    | 51150    | 49971    | 50384    | 1.32   | cps   |
| Strontium  | 88-1  | 438312   | 436997   | 438750   | 438020   | 0.21   | cps   |
| Sulfur     | 34-1  | 301129   | 299882   | 302998   | 301336   | 0.52   | cps   |
| Terbium    | 159-1 | 11598855 | 11569550 | 11492524 | 11553643 | 0.48   | cps   |
| Terbium    | 159-2 | 5590066  | 5639983  | 5622523  | 5617524  | 0.45   | cps   |
| Thallium   | 203-1 | 1967     | 1859     | 1842     | 1889     | 3.59   | cps   |
| Thallium   | 205-1 | 4993     | 4318     | 4718     | 4676     | 7.26   | cps   |
| Thorium    | 232-1 | 240481   | 240148   | 237998   | 239543   | 0.56   | cps   |
| Tin        | 118-1 | 5385     | 5485     | 5793     | 5554     | 3.83   | cps   |
| Titanium   | 47-1  | 60249    | 60014    | 60399    | 60221    | 0.32   | cps   |
| Uranium    | 238-1 | 30144    | 30620    | 29593    | 30119    | 1.71   | cps   |
| Vanadium   | 51-2  | 80358    | 81517    | 79667    | 80514    | 1.16   | cps   |
| Yttrium    | 89-1  | 10157708 | 10129753 | 10190700 | 10159387 | 0.30   | cps   |
| Yttrium    | 89-2  | 1321458  | 1340426  | 1329154  | 1330346  | 0.72   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-04LX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS008-1218-01L | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 16:45:28 | DataFile Name :   | 073SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 180024 | 180282 | 178559 | 179622  | 0.52   | cps   |
| Zirconium | 90-1 | 174238 | 171194 | 171616 | 172349  | 0.96   | cps   |
| Zirconium | 91-1 | 39447  | 37835  | 39280  | 38854   | 2.28   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-04MS Instrumnet Name : P7  
 Client Sample ID : P001-SS008-1218-01MS Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 16:49:05 DataFile Name : 074SMPL.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 15932289  | 15938440  | 15847735  | 15906155  | 0.32   | cps   |
| Antimony   | 121-1 | 961755    | 960285    | 952059    | 958033    | 0.55   | cps   |
| Arsenic    | 75-2  | 125161    | 125711    | 126180    | 125684    | 0.41   | cps   |
| Barium     | 135-1 | 8503366   | 8502243   | 8530749   | 8512119   | 0.19   | cps   |
| Barium     | 137-1 | 15072761  | 14994923  | 15040649  | 15036111  | 0.26   | cps   |
| Beryllium  | 9-1   | 1290229   | 1290922   | 1291175   | 1290776   | 0.04   | cps   |
| Bismuth    | 209-1 | 6913316   | 6945430   | 6992024   | 6950256   | 0.57   | cps   |
| Bismuth    | 209-2 | 3833871   | 3856857   | 3845357   | 3845362   | 0.30   | cps   |
| Boron      | 10-1  | 216959    | 219598    | 222265    | 219607    | 1.21   | cps   |
| Boron      | 11-1  | 976972    | 980544    | 987414    | 981643    | 0.54   | cps   |
| Cadmium    | 111-1 | 1047076   | 1043289   | 1045624   | 1045329   | 0.18   | cps   |
| Cadmium    | 106-1 | 123904    | 124845    | 121761    | 123503    | 1.28   | cps   |
| Cadmium    | 108-1 | 83138     | 80507     | 81340     | 81662     | 1.65   | cps   |
| Calcium    | 43-1  | 1801894   | 1782872   | 1780910   | 1788559   | 0.65   | cps   |
| Calcium    | 44-1  | 29141742  | 28800934  | 28910736  | 28951137  | 0.60   | cps   |
| Chromium   | 52-2  | 1602789   | 1610965   | 1615471   | 1609742   | 0.40   | cps   |
| Cobalt     | 59-2  | 2205156   | 2213887   | 2222486   | 2213843   | 0.39   | cps   |
| Copper     | 63-2  | 3209750   | 3236896   | 3245189   | 3230611   | 0.57   | cps   |
| Dysprosium | 156-1 | 356452    | 356527    | 364093    | 359024    | 1.22   | cps   |
| Dysprosium | 156-2 | 178815    | 185329    | 184704    | 182949    | 1.96   | cps   |
| Erbium     | 164-1 | 323542    | 319899    | 324131    | 322524    | 0.71   | cps   |
| Erbium     | 164-2 | 160446    | 161521    | 163255    | 161741    | 0.88   | cps   |
| Gadolinium | 160-1 | 345008    | 349952    | 353159    | 349373    | 1.18   | cps   |
| Gadolinium | 160-2 | 195958    | 199485    | 199362    | 198268    | 1.01   | cps   |
| Holmium    | 165-1 | 10923236  | 10862904  | 10933897  | 10906679  | 0.35   | cps   |
| Holmium    | 165-2 | 5466285   | 5481663   | 5507882   | 5485277   | 0.38   | cps   |
| Indium     | 115-1 | 8049487   | 8028099   | 8042747   | 8040111   | 0.14   | cps   |
| Indium     | 115-2 | 1479715   | 1475398   | 1478228   | 1477780   | 0.15   | cps   |
| Iron       | 56-2  | 783003840 | 787050551 | 783938751 | 784664381 | 0.27   | cps   |
| Iron       | 57-2  | 19225273  | 19258562  | 19264720  | 19249518  | 0.11   | cps   |
| Krypton    | 83-1  | 773       | 770       | 723       | 756       | 3.70   | cps   |
| Lead       | 206-1 | 23253910  | 23171314  | 23320537  | 23248587  | 0.32   | cps   |
| Lead       | 207-1 | 19865846  | 19697424  | 19738025  | 19767099  | 0.44   | cps   |
| Lead       | 208-1 | 90996126  | 90804027  | 91564086  | 91121413  | 0.43   | cps   |
| Lithium    | 6-1   | 3776344   | 3756342   | 3764526   | 3765737   | 0.27   | cps   |
| Magnesium  | 24-2  | 22897490  | 22994815  | 22848564  | 22913623  | 0.32   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-04MS Instrumnet Name : P7  
 Client Sample ID : P001-SS008-1218-01MS Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 16:49:05 DataFile Name : 074SMPL.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Manganese  | 55-2  | 20555938  | 20618901  | 20583934  | 20586258  | 0.15   | cps   |
| Molybdenum | 94-1  | 7594453   | 7629469   | 7567380   | 7597101   | 0.41   | cps   |
| Molybdenum | 95-1  | 9187402   | 9133301   | 9091714   | 9137472   | 0.53   | cps   |
| Molybdenum | 96-1  | 10136629  | 10052419  | 10122562  | 10103870  | 0.45   | cps   |
| Molybdenum | 97-1  | 5677312   | 5534460   | 5547083   | 5586285   | 1.42   | cps   |
| Molybdenum | 98-1  | 14665140  | 14641580  | 14607454  | 14638058  | 0.20   | cps   |
| Neodymium  | 150-1 | 392483    | 388131    | 388410    | 389675    | 0.63   | cps   |
| Neodymium  | 150-2 | 152119    | 153530    | 156325    | 153992    | 1.39   | cps   |
| Nickel     | 60-2  | 712968    | 717313    | 717171    | 715817    | 0.34   | cps   |
| Phosphorus | 31-2  | 26900     | 28077     | 27217     | 27398     | 2.22   | cps   |
| Potassium  | 39-2  | 5474869   | 5499726   | 5504023   | 5492873   | 0.29   | cps   |
| Rhodium    | 103-1 | 7037936   | 6998931   | 7016451   | 7017773   | 0.28   | cps   |
| Rhodium    | 103-2 | 3033544   | 3036119   | 3071298   | 3046987   | 0.69   | cps   |
| Scandium   | 45-1  | 6503217   | 6426416   | 6507291   | 6478974   | 0.70   | cps   |
| Scandium   | 45-2  | 243598    | 243123    | 244742    | 243821    | 0.34   | cps   |
| Selenium   | 77-2  | 4001      | 3677      | 3701      | 3793      | 4.76   | cps   |
| Selenium   | 78-2  | 10656     | 11047     | 10875     | 10859     | 1.80   | cps   |
| Selenium   | 82-1  | 76264     | 75558     | 75475     | 75766     | 0.57   | cps   |
| Silicon    | 28-1  | 157894924 | 156136378 | 156662608 | 156897970 | 0.58   | cps   |
| Silver     | 109-1 | 4207490   | 4165927   | 4188024   | 4187147   | 0.50   | cps   |
| Silver     | 107-1 | 4361165   | 4333042   | 4329305   | 4341171   | 0.40   | cps   |
| Sodium     | 23-2  | 17389195  | 17499534  | 17398396  | 17429042  | 0.35   | cps   |
| Strontium  | 86-1  | 1528929   | 1503888   | 1516241   | 1516353   | 0.83   | cps   |
| Strontium  | 88-1  | 13567579  | 13429216  | 13530078  | 13508958  | 0.53   | cps   |
| Sulfur     | 34-1  | 379252    | 377590    | 379810    | 378884    | 0.30   | cps   |
| Terbium    | 159-1 | 11037016  | 11099336  | 11125064  | 11087139  | 0.41   | cps   |
| Terbium    | 159-2 | 5299818   | 5329038   | 5387271   | 5338709   | 0.83   | cps   |
| Thallium   | 203-1 | 3824978   | 3790604   | 3821909   | 3812497   | 0.50   | cps   |
| Thallium   | 205-1 | 9423961   | 9408197   | 9476321   | 9436160   | 0.38   | cps   |
| Thorium    | 232-1 | 1328562   | 1324396   | 1334437   | 1329131   | 0.38   | cps   |
| Tin        | 118-1 | 1601372   | 1598320   | 1587352   | 1595681   | 0.46   | cps   |
| Titanium   | 47-1  | 2733593   | 2717366   | 2709285   | 2720081   | 0.46   | cps   |
| Uranium    | 238-1 | 15208172  | 15206417  | 15317717  | 15244102  | 0.42   | cps   |
| Vanadium   | 51-2  | 1236343   | 1243356   | 1238942   | 1239547   | 0.29   | cps   |
| Yttrium    | 89-1  | 12844877  | 12820328  | 12821830  | 12829012  | 0.11   | cps   |
| Yttrium    | 89-2  | 1662087   | 1652092   | 1664819   | 1659666   | 0.40   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-04MS           | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS008-1218-01MS | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 16:49:05  | DataFile Name :   | 074SMPL.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 1085152 | 1104086 | 1101025 | 1096754 | 0.93   | cps   |
| Zirconium | 90-1 | 6770275 | 6702357 | 6714942 | 6729191 | 0.54   | cps   |
| Zirconium | 91-1 | 1475553 | 1461836 | 1465223 | 1467537 | 0.49   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-04MSD Instrumnet Name : P7  
 Client Sample ID : P001-SS008-1218-01MS Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 16:52:44 DataFile Name : 075SMPL.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 15138921  | 15165675  | 15338132  | 15214243  | 0.71   | cps   |
| Antimony   | 121-1 | 1175644   | 1161555   | 1174289   | 1170496   | 0.66   | cps   |
| Arsenic    | 75-2  | 128624    | 131152    | 130051    | 129942    | 0.98   | cps   |
| Barium     | 135-1 | 8337341   | 8345746   | 8391695   | 8358260   | 0.35   | cps   |
| Barium     | 137-1 | 14747375  | 14754677  | 14879669  | 14793907  | 0.50   | cps   |
| Beryllium  | 9-1   | 1363065   | 1355462   | 1367313   | 1361947   | 0.44   | cps   |
| Bismuth    | 209-1 | 6375888   | 6710270   | 6787422   | 6624527   | 3.30   | cps   |
| Bismuth    | 209-2 | 3704685   | 3741049   | 3756063   | 3733932   | 0.71   | cps   |
| Boron      | 10-1  | 238287    | 236555    | 241244    | 238695    | 0.99   | cps   |
| Boron      | 11-1  | 1055974   | 1068058   | 1081687   | 1068573   | 1.20   | cps   |
| Cadmium    | 111-1 | 1111501   | 1106080   | 1109861   | 1109147   | 0.25   | cps   |
| Cadmium    | 106-1 | 132649    | 133212    | 133095    | 132985    | 0.22   | cps   |
| Cadmium    | 108-1 | 87371     | 86688     | 88696     | 87585     | 1.17   | cps   |
| Calcium    | 43-1  | 1839757   | 1846096   | 1834475   | 1840109   | 0.32   | cps   |
| Calcium    | 44-1  | 29940407  | 30083250  | 30148902  | 30057519  | 0.35   | cps   |
| Chromium   | 52-2  | 1685549   | 1692903   | 1704440   | 1694297   | 0.56   | cps   |
| Cobalt     | 59-2  | 2276839   | 2283912   | 2319888   | 2293546   | 1.01   | cps   |
| Copper     | 63-2  | 3338093   | 3366522   | 3361925   | 3355513   | 0.45   | cps   |
| Dysprosium | 156-1 | 355330    | 353895    | 358021    | 355748    | 0.59   | cps   |
| Dysprosium | 156-2 | 181062    | 181442    | 184168    | 182224    | 0.93   | cps   |
| Erbium     | 164-1 | 326480    | 328352    | 328655    | 327829    | 0.36   | cps   |
| Erbium     | 164-2 | 162385    | 166736    | 164847    | 164656    | 1.33   | cps   |
| Gadolinium | 160-1 | 354225    | 353923    | 361630    | 356593    | 1.22   | cps   |
| Gadolinium | 160-2 | 199337    | 202863    | 201663    | 201288    | 0.89   | cps   |
| Holmium    | 165-1 | 10554295  | 10737773  | 10664445  | 10652171  | 0.87   | cps   |
| Holmium    | 165-2 | 5299668   | 5347726   | 5378342   | 5341912   | 0.74   | cps   |
| Indium     | 115-1 | 7741482   | 7800255   | 7778801   | 7773513   | 0.38   | cps   |
| Indium     | 115-2 | 1417403   | 1432323   | 1441573   | 1430433   | 0.85   | cps   |
| Iron       | 56-2  | 751073817 | 751335995 | 753864217 | 752091343 | 0.20   | cps   |
| Iron       | 57-2  | 18315518  | 18380108  | 18502589  | 18399405  | 0.52   | cps   |
| Krypton    | 83-1  | 860       | 843       | 923       | 876       | 4.82   | cps   |
| Lead       | 206-1 | 21547432  | 21794977  | 21736481  | 21692963  | 0.60   | cps   |
| Lead       | 207-1 | 18311359  | 18518593  | 18534307  | 18454753  | 0.67   | cps   |
| Lead       | 208-1 | 84627737  | 85426484  | 85467819  | 85174013  | 0.56   | cps   |
| Lithium    | 6-1   | 3623556   | 3632931   | 3634646   | 3630378   | 0.16   | cps   |
| Magnesium  | 24-2  | 22622392  | 22789229  | 23057201  | 22822941  | 0.96   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-04MSD Instrumnet Name : P7  
 Client Sample ID : P001-SS008-1218-01MS Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 16:52:44 DataFile Name : 075SMPL.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Manganese  | 55-2  | 17037340  | 16978680  | 17015960  | 17010660  | 0.17   | cps   |
| Molybdenum | 94-1  | 8328682   | 8274969   | 8329412   | 8311021   | 0.38   | cps   |
| Molybdenum | 95-1  | 9879429   | 9796114   | 9905932   | 9860492   | 0.58   | cps   |
| Molybdenum | 96-1  | 10908039  | 10910441  | 10985891  | 10934790  | 0.40   | cps   |
| Molybdenum | 97-1  | 6090848   | 6129565   | 6136234   | 6118882   | 0.40   | cps   |
| Molybdenum | 98-1  | 15726315  | 15801407  | 15811186  | 15779636  | 0.29   | cps   |
| Neodymium  | 150-1 | 379075    | 383003    | 385429    | 382502    | 0.84   | cps   |
| Neodymium  | 150-2 | 149706    | 151111    | 150774    | 150531    | 0.49   | cps   |
| Nickel     | 60-2  | 730523    | 735234    | 739589    | 735115    | 0.62   | cps   |
| Phosphorus | 31-2  | 26015     | 25255     | 25498     | 25589     | 1.52   | cps   |
| Potassium  | 39-2  | 5866713   | 5884784   | 5906731   | 5886076   | 0.34   | cps   |
| Rhodium    | 103-1 | 6769032   | 6779269   | 6784080   | 6777461   | 0.11   | cps   |
| Rhodium    | 103-2 | 2941764   | 2971608   | 2981187   | 2964853   | 0.69   | cps   |
| Scandium   | 45-1  | 6209977   | 6300893   | 6238363   | 6249744   | 0.74   | cps   |
| Scandium   | 45-2  | 233271    | 233866    | 236596    | 234577    | 0.76   | cps   |
| Selenium   | 77-2  | 3874      | 3927      | 3984      | 3928      | 1.40   | cps   |
| Selenium   | 78-2  | 10976     | 11295     | 10721     | 10997     | 2.62   | cps   |
| Selenium   | 82-1  | 78247     | 78154     | 77753     | 78051     | 0.34   | cps   |
| Silicon    | 28-1  | 144186937 | 144081416 | 145083841 | 144450731 | 0.38   | cps   |
| Silver     | 109-1 | 4654085   | 4574930   | 4649435   | 4626150   | 0.96   | cps   |
| Silver     | 107-1 | 4790895   | 4744781   | 4775710   | 4770462   | 0.49   | cps   |
| Sodium     | 23-2  | 18642072  | 18804624  | 18881590  | 18776095  | 0.65   | cps   |
| Strontium  | 86-1  | 1617350   | 1620796   | 1605905   | 1614684   | 0.48   | cps   |
| Strontium  | 88-1  | 14329677  | 14388871  | 14353986  | 14357511  | 0.21   | cps   |
| Sulfur     | 34-1  | 373886    | 373584    | 372890    | 373453    | 0.14   | cps   |
| Terbium    | 159-1 | 10782647  | 10822313  | 10862414  | 10822458  | 0.37   | cps   |
| Terbium    | 159-2 | 5165369   | 5210547   | 5262280   | 5212732   | 0.93   | cps   |
| Thallium   | 203-1 | 4159477   | 4202724   | 4191535   | 4184579   | 0.54   | cps   |
| Thallium   | 205-1 | 10294683  | 10333297  | 10381351  | 10336443  | 0.42   | cps   |
| Thorium    | 232-1 | 1191527   | 1189789   | 1200039   | 1193785   | 0.46   | cps   |
| Tin        | 118-1 | 1959421   | 1965021   | 1945841   | 1956761   | 0.50   | cps   |
| Titanium   | 47-1  | 3053357   | 3058804   | 3053658   | 3055273   | 0.10   | cps   |
| Uranium    | 238-1 | 16344178  | 16379126  | 16625985  | 16449763  | 0.93   | cps   |
| Vanadium   | 51-2  | 1283637   | 1295277   | 1302156   | 1293690   | 0.72   | cps   |
| Yttrium    | 89-1  | 12531209  | 12602883  | 12607524  | 12580539  | 0.34   | cps   |
| Yttrium    | 89-2  | 1618183   | 1631330   | 1644567   | 1631360   | 0.81   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-04MSD          | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS008-1218-01MS | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 16:52:44  | DataFile Name :   | 075SMPL.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 1044802 | 1048754 | 1051682 | 1048413 | 0.33   | cps   |
| Zirconium | 90-1 | 7502817 | 7527574 | 7526784 | 7519058 | 0.19   | cps   |
| Zirconium | 91-1 | 1635145 | 1613766 | 1629155 | 1626022 | 0.68   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-04A           | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS008-1218-01A | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 16:56:23 | DataFile Name :   | 076SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 15492100  | 15394508  | 15435244  | 15440617  | 0.32   | cps   |
| Antimony   | 121-1 | 1119067   | 1120994   | 1115870   | 1118644   | 0.23   | cps   |
| Arsenic    | 75-2  | 132003    | 131951    | 131594    | 131849    | 0.17   | cps   |
| Barium     | 135-1 | 8592463   | 8670461   | 8670132   | 8644352   | 0.52   | cps   |
| Barium     | 137-1 | 15295776  | 15122358  | 15273784  | 15230639  | 0.62   | cps   |
| Beryllium  | 9-1   | 1381380   | 1380792   | 1381636   | 1381269   | 0.03   | cps   |
| Bismuth    | 209-1 | 6923704   | 6874816   | 6899760   | 6899427   | 0.35   | cps   |
| Bismuth    | 209-2 | 3778506   | 3787948   | 3796298   | 3787584   | 0.24   | cps   |
| Boron      | 10-1  | 241970    | 242735    | 243665    | 242790    | 0.35   | cps   |
| Boron      | 11-1  | 1074766   | 1084500   | 1093535   | 1084267   | 0.87   | cps   |
| Cadmium    | 111-1 | 1123026   | 1137059   | 1129952   | 1130012   | 0.62   | cps   |
| Cadmium    | 106-1 | 135181    | 134586    | 133769    | 134512    | 0.53   | cps   |
| Cadmium    | 108-1 | 88063     | 88160     | 89556     | 88593     | 0.94   | cps   |
| Calcium    | 43-1  | 1868019   | 1867294   | 1882538   | 1872617   | 0.46   | cps   |
| Calcium    | 44-1  | 30521512  | 30578293  | 30537295  | 30545700  | 0.10   | cps   |
| Chromium   | 52-2  | 1693046   | 1689986   | 1689010   | 1690681   | 0.12   | cps   |
| Cobalt     | 59-2  | 2312653   | 2319133   | 2320026   | 2317271   | 0.17   | cps   |
| Copper     | 63-2  | 3374320   | 3351568   | 3370050   | 3365312   | 0.36   | cps   |
| Dysprosium | 156-1 | 351695    | 355438    | 354998    | 354044    | 0.58   | cps   |
| Dysprosium | 156-2 | 178831    | 179769    | 181268    | 179956    | 0.68   | cps   |
| Erbium     | 164-1 | 320380    | 322740    | 325475    | 322865    | 0.79   | cps   |
| Erbium     | 164-2 | 159986    | 161030    | 160874    | 160630    | 0.35   | cps   |
| Gadolinium | 160-1 | 346905    | 347484    | 347987    | 347459    | 0.16   | cps   |
| Gadolinium | 160-2 | 194746    | 195696    | 196529    | 195657    | 0.46   | cps   |
| Holmium    | 165-1 | 10911396  | 10886721  | 10875442  | 10891186  | 0.17   | cps   |
| Holmium    | 165-2 | 5417350   | 5415942   | 5454123   | 5429138   | 0.40   | cps   |
| Indium     | 115-1 | 8051537   | 7912143   | 7974540   | 7979407   | 0.88   | cps   |
| Indium     | 115-2 | 1465968   | 1450168   | 1461746   | 1459294   | 0.56   | cps   |
| Iron       | 56-2  | 766402173 | 761030395 | 767382595 | 764938387 | 0.45   | cps   |
| Iron       | 57-2  | 18741698  | 18572423  | 18619638  | 18644586  | 0.47   | cps   |
| Krypton    | 83-1  | 883       | 810       | 827       | 840       | 4.58   | cps   |
| Lead       | 206-1 | 22683548  | 22491826  | 22501975  | 22559116  | 0.48   | cps   |
| Lead       | 207-1 | 19153540  | 19116904  | 19150555  | 19140333  | 0.11   | cps   |
| Lead       | 208-1 | 88208793  | 88119583  | 88424869  | 88251082  | 0.18   | cps   |
| Lithium    | 6-1   | 3710534   | 3698817   | 3683369   | 3697573   | 0.37   | cps   |
| Magnesium  | 24-2  | 23305781  | 23137313  | 23315356  | 23252816  | 0.43   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-04A Instrumnet Name : P7  
 Client Sample ID : P001-SS008-1218-01A Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 16:56:23 DataFile Name : 076SMPL.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Manganese  | 55-2  | 18596043  | 18357844  | 18498678  | 18484188  | 0.65   | cps   |
| Molybdenum | 94-1  | 8326719   | 8341836   | 8421729   | 8363428   | 0.61   | cps   |
| Molybdenum | 95-1  | 9976094   | 9955940   | 10068499  | 10000178  | 0.60   | cps   |
| Molybdenum | 96-1  | 11061404  | 11098875  | 11101161  | 11087147  | 0.20   | cps   |
| Molybdenum | 97-1  | 6186883   | 6189819   | 6236064   | 6204255   | 0.44   | cps   |
| Molybdenum | 98-1  | 16021863  | 15947798  | 16009433  | 15993031  | 0.25   | cps   |
| Neodymium  | 150-1 | 380596    | 379091    | 385934    | 381874    | 0.94   | cps   |
| Neodymium  | 150-2 | 152293    | 150808    | 150332    | 151145    | 0.68   | cps   |
| Nickel     | 60-2  | 738850    | 741832    | 749523    | 743402    | 0.74   | cps   |
| Phosphorus | 31-2  | 27109     | 26691     | 26241     | 26680     | 1.63   | cps   |
| Potassium  | 39-2  | 5901539   | 5866916   | 5860689   | 5876381   | 0.37   | cps   |
| Rhodium    | 103-1 | 6918522   | 6868218   | 6937714   | 6908151   | 0.52   | cps   |
| Rhodium    | 103-2 | 3014909   | 3003500   | 3005039   | 3007816   | 0.21   | cps   |
| Scandium   | 45-1  | 6475019   | 6394453   | 6447466   | 6438979   | 0.64   | cps   |
| Scandium   | 45-2  | 242086    | 239478    | 237913    | 239826    | 0.88   | cps   |
| Selenium   | 77-2  | 3877      | 3951      | 4004      | 3944      | 1.61   | cps   |
| Selenium   | 78-2  | 11199     | 11499     | 11553     | 11417     | 1.67   | cps   |
| Selenium   | 82-1  | 79785     | 80124     | 80102     | 80004     | 0.24   | cps   |
| Silicon    | 28-1  | 151737991 | 151629512 | 152159916 | 151842473 | 0.18   | cps   |
| Silver     | 109-1 | 4624427   | 4644645   | 4651216   | 4640096   | 0.30   | cps   |
| Silver     | 107-1 | 4820134   | 4781621   | 4790777   | 4797510   | 0.42   | cps   |
| Sodium     | 23-2  | 19035830  | 18901913  | 18850838  | 18929527  | 0.50   | cps   |
| Strontium  | 86-1  | 1638019   | 1635924   | 1639597   | 1637847   | 0.11   | cps   |
| Strontium  | 88-1  | 14408063  | 14487551  | 14510940  | 14468852  | 0.37   | cps   |
| Sulfur     | 34-1  | 377231    | 369329    | 372429    | 372996    | 1.07   | cps   |
| Terbium    | 159-1 | 11106968  | 11077427  | 11048183  | 11077526  | 0.27   | cps   |
| Terbium    | 159-2 | 5290993   | 5246334   | 5318014   | 5285114   | 0.68   | cps   |
| Thallium   | 203-1 | 4196993   | 4204638   | 4210513   | 4204048   | 0.16   | cps   |
| Thallium   | 205-1 | 10417348  | 10411901  | 10465555  | 10431602  | 0.28   | cps   |
| Thorium    | 232-1 | 1254888   | 1249274   | 1254586   | 1252916   | 0.25   | cps   |
| Tin        | 118-1 | 1855908   | 1847491   | 1871080   | 1858159   | 0.64   | cps   |
| Titanium   | 47-1  | 2992734   | 2997459   | 2996585   | 2995593   | 0.08   | cps   |
| Uranium    | 238-1 | 16663861  | 16704887  | 16763454  | 16710734  | 0.30   | cps   |
| Vanadium   | 51-2  | 1297397   | 1299452   | 1294546   | 1297132   | 0.19   | cps   |
| Yttrium    | 89-1  | 12748943  | 12713689  | 12754787  | 12739140  | 0.17   | cps   |
| Yttrium    | 89-2  | 1640209   | 1633056   | 1638913   | 1637393   | 0.23   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-04A           | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS008-1218-01A | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 16:56:23 | DataFile Name :   | 076SMPL.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 1072904 | 1074041 | 1071984 | 1072977 | 0.10   | cps   |
| Zirconium | 90-1 | 7452133 | 7446501 | 7466599 | 7455078 | 0.14   | cps   |
| Zirconium | 91-1 | 1617803 | 1600642 | 1613974 | 1610806 | 0.56   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-05            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS008-1824-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:00:02 | DataFile Name :   | 077SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 15245846  | 15144178  | 15406206  | 15265410  | 0.87   | cps   |
| Antimony   | 121-1 | 2384      | 2275      | 2317      | 2325      | 2.35   | cps   |
| Arsenic    | 75-2  | 19674     | 20099     | 20292     | 20022     | 1.58   | cps   |
| Barium     | 135-1 | 3583968   | 3630629   | 3593667   | 3602755   | 0.68   | cps   |
| Barium     | 137-1 | 6470356   | 6562743   | 6573755   | 6535618   | 0.87   | cps   |
| Beryllium  | 9-1   | 21605     | 22311     | 21110     | 21675     | 2.79   | cps   |
| Bismuth    | 209-1 | 6477389   | 6853629   | 6956017   | 6762345   | 3.73   | cps   |
| Bismuth    | 209-2 | 3815811   | 3827474   | 3927250   | 3856845   | 1.59   | cps   |
| Boron      | 10-1  | 18495     | 17844     | 17803     | 18048     | 2.15   | cps   |
| Boron      | 11-1  | 80749     | 78278     | 78822     | 79283     | 1.64   | cps   |
| Cadmium    | 111-1 | 13409     | 14059     | 14704     | 14057     | 4.61   | cps   |
| Cadmium    | 106-1 | 9529      | 10062     | 10479     | 10023     | 4.75   | cps   |
| Cadmium    | 108-1 | 1913      | 2000      | 1996      | 1970      | 2.51   | cps   |
| Calcium    | 43-1  | 459409    | 461567    | 473575    | 464850    | 1.64   | cps   |
| Calcium    | 44-1  | 7505062   | 7535943   | 7709259   | 7583421   | 1.45   | cps   |
| Chromium   | 52-2  | 525073    | 521653    | 525807    | 524178    | 0.42   | cps   |
| Cobalt     | 59-2  | 468513    | 469366    | 475984    | 471288    | 0.87   | cps   |
| Copper     | 63-2  | 1008101   | 1011543   | 1009382   | 1009675   | 0.17   | cps   |
| Dysprosium | 156-1 | 391452    | 387416    | 394399    | 391089    | 0.90   | cps   |
| Dysprosium | 156-2 | 201935    | 203805    | 208457    | 204732    | 1.64   | cps   |
| Erbium     | 164-1 | 347781    | 351098    | 353813    | 350897    | 0.86   | cps   |
| Erbium     | 164-2 | 176070    | 179141    | 182113    | 179108    | 1.69   | cps   |
| Gadolinium | 160-1 | 384450    | 384288    | 388500    | 385746    | 0.62   | cps   |
| Gadolinium | 160-2 | 223278    | 224938    | 227596    | 225271    | 0.97   | cps   |
| Holmium    | 165-1 | 10648394  | 10701597  | 10842679  | 10730890  | 0.94   | cps   |
| Holmium    | 165-2 | 5404268   | 5422033   | 5545971   | 5457424   | 1.41   | cps   |
| Indium     | 115-1 | 7943962   | 8006348   | 8062792   | 8004367   | 0.74   | cps   |
| Indium     | 115-2 | 1486475   | 1496556   | 1522009   | 1501680   | 1.22   | cps   |
| Iron       | 56-2  | 733861283 | 733195128 | 746632994 | 737896468 | 1.03   | cps   |
| Iron       | 57-2  | 18007280  | 17996150  | 18242491  | 18081974  | 0.77   | cps   |
| Krypton    | 83-1  | 797       | 807       | 813       | 806       | 1.04   | cps   |
| Lead       | 206-1 | 21248126  | 21391853  | 21530914  | 21390297  | 0.66   | cps   |
| Lead       | 207-1 | 17833117  | 17943039  | 18149464  | 17975207  | 0.89   | cps   |
| Lead       | 208-1 | 82595200  | 83048272  | 83753375  | 83132283  | 0.70   | cps   |
| Lithium    | 6-1   | 3681859   | 3695806   | 3747046   | 3708237   | 0.93   | cps   |
| Magnesium  | 24-2  | 13484803  | 13419978  | 13689352  | 13531378  | 1.04   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-05            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS008-1824-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:00:02 | DataFile Name :   | 077SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 21402386 | 21348319 | 21617360 | 21456022 | 0.66   | cps   |
| Molybdenum | 94-1  | 347819   | 353548   | 351795   | 351054   | 0.84   | cps   |
| Molybdenum | 95-1  | 77704    | 77620    | 77200    | 77508    | 0.35   | cps   |
| Molybdenum | 96-1  | 145350   | 147750   | 148541   | 147214   | 1.13   | cps   |
| Molybdenum | 97-1  | 47287    | 48324    | 48199    | 47937    | 1.18   | cps   |
| Molybdenum | 98-1  | 122389   | 123540   | 123657   | 123195   | 0.57   | cps   |
| Neodymium  | 150-1 | 414310   | 416858   | 423302   | 418157   | 1.11   | cps   |
| Neodymium  | 150-2 | 168031   | 167866   | 171007   | 168968   | 1.05   | cps   |
| Nickel     | 60-2  | 276900   | 276047   | 280721   | 277890   | 0.90   | cps   |
| Phosphorus | 31-2  | 30991    | 30766    | 32294    | 31350    | 2.63   | cps   |
| Potassium  | 39-2  | 1647732  | 1649012  | 1676981  | 1657909  | 1.00   | cps   |
| Rhodium    | 103-1 | 6935658  | 6967131  | 7120743  | 7007844  | 1.41   | cps   |
| Rhodium    | 103-2 | 3103465  | 3136352  | 3146399  | 3128739  | 0.72   | cps   |
| Scandium   | 45-1  | 6313656  | 6281201  | 6488741  | 6361199  | 1.76   | cps   |
| Scandium   | 45-2  | 244430   | 243119   | 246965   | 244838   | 0.80   | cps   |
| Selenium   | 77-2  | 837      | 837      | 880      | 851      | 2.94   | cps   |
| Selenium   | 78-2  | 682      | 672      | 637      | 664      | 3.53   | cps   |
| Selenium   | 82-1  | 855      | 870      | 826      | 850      | 2.61   | cps   |
| Silicon    | 28-1  | 48913251 | 49433741 | 49833627 | 49393540 | 0.93   | cps   |
| Silver     | 109-1 | 6385     | 7019     | 7085     | 6830     | 5.66   | cps   |
| Silver     | 107-1 | 8278     | 7319     | 7911     | 7836     | 6.17   | cps   |
| Sodium     | 23-2  | 381076   | 383174   | 390279   | 384843   | 1.25   | cps   |
| Strontium  | 86-1  | 230140   | 230851   | 231445   | 230812   | 0.28   | cps   |
| Strontium  | 88-1  | 1987018  | 1992921  | 2013654  | 1997864  | 0.70   | cps   |
| Sulfur     | 34-1  | 387272   | 387229   | 384274   | 386258   | 0.44   | cps   |
| Terbium    | 159-1 | 10817891 | 10865917 | 11157944 | 10947251 | 1.68   | cps   |
| Terbium    | 159-2 | 5271202  | 5281084  | 5389317  | 5313868  | 1.23   | cps   |
| Thallium   | 203-1 | 8128     | 8737     | 8303     | 8389     | 3.74   | cps   |
| Thallium   | 205-1 | 19257    | 19866    | 19916    | 19679    | 1.86   | cps   |
| Thorium    | 232-1 | 1166027  | 1159023  | 1161043  | 1162031  | 0.31   | cps   |
| Tin        | 118-1 | 26133    | 25499    | 25632    | 25755    | 1.30   | cps   |
| Titanium   | 47-1  | 303166   | 300494   | 302739   | 302133   | 0.48   | cps   |
| Uranium    | 238-1 | 143828   | 144957   | 144848   | 144544   | 0.43   | cps   |
| Vanadium   | 51-2  | 398719   | 398174   | 405536   | 400810   | 1.02   | cps   |
| Yttrium    | 89-1  | 12739610 | 12926911 | 13064148 | 12910223 | 1.26   | cps   |
| Yttrium    | 89-2  | 1702724  | 1715096  | 1725515  | 1714445  | 0.67   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-05            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS008-1824-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:00:02 | DataFile Name :   | 077SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 749786 | 748300 | 754514 | 750866  | 0.43   | cps   |
| Zirconium | 90-1 | 838121 | 847901 | 853056 | 846360  | 0.90   | cps   |
| Zirconium | 91-1 | 190020 | 189877 | 189732 | 189876  | 0.08   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-06            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS009-0006-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:03:39 | DataFile Name :   | 078SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 14322507  | 14077244  | 14171260  | 14190337  | 0.87   | cps   |
| Antimony   | 121-1 | 1975      | 2042      | 1859      | 1959      | 4.74   | cps   |
| Arsenic    | 75-2  | 18371     | 18382     | 18078     | 18277     | 0.94   | cps   |
| Barium     | 135-1 | 3293463   | 3227388   | 3219157   | 3246669   | 1.25   | cps   |
| Barium     | 137-1 | 5798328   | 5682907   | 5714641   | 5731958   | 1.04   | cps   |
| Beryllium  | 9-1   | 20820     | 21265     | 20887     | 20991     | 1.14   | cps   |
| Bismuth    | 209-1 | 5059509   | 6767391   | 7045978   | 6290959   | 17.10  | cps   |
| Bismuth    | 209-2 | 3909913   | 3939666   | 3924985   | 3924855   | 0.38   | cps   |
| Boron      | 10-1  | 14182     | 13231     | 14074     | 13829     | 3.76   | cps   |
| Boron      | 11-1  | 61383     | 62062     | 62706     | 62050     | 1.07   | cps   |
| Cadmium    | 111-1 | 11889     | 12130     | 12689     | 12236     | 3.35   | cps   |
| Cadmium    | 106-1 | 8970      | 9395      | 9971      | 9445      | 5.32   | cps   |
| Cadmium    | 108-1 | 1875      | 1867      | 1721      | 1821      | 4.76   | cps   |
| Calcium    | 43-1  | 770429    | 752947    | 757948    | 760441    | 1.18   | cps   |
| Calcium    | 44-1  | 12463365  | 12347412  | 12362211  | 12390996  | 0.51   | cps   |
| Chromium   | 52-2  | 433929    | 431223    | 433093    | 432748    | 0.32   | cps   |
| Cobalt     | 59-2  | 531023    | 529428    | 533410    | 531287    | 0.38   | cps   |
| Copper     | 63-2  | 798146    | 794010    | 799207    | 797121    | 0.34   | cps   |
| Dysprosium | 156-1 | 368568    | 365656    | 363076    | 365767    | 0.75   | cps   |
| Dysprosium | 156-2 | 185053    | 185454    | 184230    | 184912    | 0.34   | cps   |
| Erbium     | 164-1 | 330841    | 328574    | 329888    | 329768    | 0.35   | cps   |
| Erbium     | 164-2 | 163411    | 166324    | 165566    | 165100    | 0.92   | cps   |
| Gadolinium | 160-1 | 361134    | 357942    | 353944    | 357673    | 1.01   | cps   |
| Gadolinium | 160-2 | 202376    | 204226    | 203042    | 203215    | 0.46   | cps   |
| Holmium    | 165-1 | 8263884   | 10515074  | 11061865  | 9946941   | 14.91  | cps   |
| Holmium    | 165-2 | 5537617   | 5516593   | 5586923   | 5547044   | 0.65   | cps   |
| Indium     | 115-1 | 6136287   | 7868540   | 8236062   | 7413630   | 15.13  | cps   |
| Indium     | 115-2 | 1522682   | 1526775   | 1536722   | 1528726   | 0.47   | cps   |
| Iron       | 56-2  | 730465061 | 727589816 | 727374972 | 728476616 | 0.24   | cps   |
| Iron       | 57-2  | 17878252  | 17596708  | 17743947  | 17739636  | 0.79   | cps   |
| Krypton    | 83-1  | 830       | 797       | 893       | 840       | 5.85   | cps   |
| Lead       | 206-1 | 3450422   | 3390322   | 3383017   | 3407920   | 1.09   | cps   |
| Lead       | 207-1 | 2941242   | 2870714   | 2857656   | 2889871   | 1.56   | cps   |
| Lead       | 208-1 | 13861674  | 13620154  | 13588745  | 13690191  | 1.09   | cps   |
| Lithium    | 6-1   | 3125277   | 3765810   | 3971638   | 3620908   | 12.19  | cps   |
| Magnesium  | 24-2  | 13464892  | 13260521  | 13322358  | 13349257  | 0.79   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-06            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS009-0006-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:03:39 | DataFile Name :   | 078SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 19890765 | 19765679 | 19820042 | 19825495 | 0.32   | cps   |
| Molybdenum | 94-1  | 335115   | 332974   | 330438   | 332842   | 0.70   | cps   |
| Molybdenum | 95-1  | 32371    | 31035    | 31402    | 31603    | 2.18   | cps   |
| Molybdenum | 96-1  | 101619   | 101812   | 99345    | 100925   | 1.36   | cps   |
| Molybdenum | 97-1  | 19589    | 18429    | 18821    | 18947    | 3.11   | cps   |
| Molybdenum | 98-1  | 49612    | 48526    | 48860    | 48999    | 1.14   | cps   |
| Neodymium  | 150-1 | 399460   | 392211   | 394908   | 395526   | 0.93   | cps   |
| Neodymium  | 150-2 | 154795   | 154326   | 154201   | 154441   | 0.20   | cps   |
| Nickel     | 60-2  | 280460   | 277422   | 280938   | 279607   | 0.68   | cps   |
| Phosphorus | 31-2  | 27084    | 26107    | 26650    | 26613    | 1.84   | cps   |
| Potassium  | 39-2  | 1807195  | 1785888  | 1799025  | 1797369  | 0.60   | cps   |
| Rhodium    | 103-1 | 5323621  | 6976539  | 7248095  | 6516085  | 15.98  | cps   |
| Rhodium    | 103-2 | 3184035  | 3191832  | 3188447  | 3188105  | 0.12   | cps   |
| Scandium   | 45-1  | 5042245  | 6289632  | 6550476  | 5960784  | 13.52  | cps   |
| Scandium   | 45-2  | 247015   | 246371   | 245027   | 246138   | 0.41   | cps   |
| Selenium   | 77-2  | 723      | 683      | 750      | 719      | 4.67   | cps   |
| Selenium   | 78-2  | 615      | 606      | 607      | 609      | 0.80   | cps   |
| Selenium   | 82-1  | 1016     | 1064     | 908      | 996      | 8.02   | cps   |
| Silicon    | 28-1  | 56075760 | 55561982 | 55996349 | 55878030 | 0.49   | cps   |
| Silver     | 109-1 | 3859     | 3692     | 3859     | 3803     | 2.53   | cps   |
| Silver     | 107-1 | 5084     | 4534     | 4334     | 4651     | 8.35   | cps   |
| Sodium     | 23-2  | 380434   | 374693   | 371979   | 375702   | 1.15   | cps   |
| Strontium  | 86-1  | 359043   | 352618   | 350190   | 353951   | 1.29   | cps   |
| Strontium  | 88-1  | 3139689  | 3063292  | 3048947  | 3083976  | 1.58   | cps   |
| Sulfur     | 34-1  | 406749   | 404652   | 407176   | 406192   | 0.33   | cps   |
| Terbium    | 159-1 | 8419046  | 10795570 | 11315672 | 10176762 | 15.17  | cps   |
| Terbium    | 159-2 | 5406082  | 5375236  | 5406896  | 5396072  | 0.33   | cps   |
| Thallium   | 203-1 | 6102     | 6002     | 6318     | 6141     | 2.64   | cps   |
| Thallium   | 205-1 | 14692    | 15068    | 15693    | 15151    | 3.34   | cps   |
| Thorium    | 232-1 | 1126604  | 1111452  | 1109742  | 1115933  | 0.83   | cps   |
| Tin        | 118-1 | 20766    | 19014    | 19581    | 19787    | 4.52   | cps   |
| Titanium   | 47-1  | 227003   | 220025   | 222106   | 223045   | 1.61   | cps   |
| Uranium    | 238-1 | 188235   | 191433   | 187617   | 189095   | 1.08   | cps   |
| Vanadium   | 51-2  | 342488   | 338729   | 342718   | 341312   | 0.66   | cps   |
| Yttrium    | 89-1  | 10871624 | 12706038 | 13131091 | 12236251 | 9.81   | cps   |
| Yttrium    | 89-2  | 1705316  | 1694296  | 1701245  | 1700285  | 0.33   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-06            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS009-0006-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:03:39 | DataFile Name :   | 078SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 445543 | 446905 | 444754 | 445734  | 0.24   | cps   |
| Zirconium | 90-1 | 886631 | 859193 | 864428 | 870084  | 1.67   | cps   |
| Zirconium | 91-1 | 195686 | 193277 | 193406 | 194123  | 0.70   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-07            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS009-0612-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:07:15 | DataFile Name :   | 079SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 16185464  | 16165776  | 16237811  | 16196350  | 0.23   | cps   |
| Antimony   | 121-1 | 1825      | 1875      | 1834      | 1845      | 1.45   | cps   |
| Arsenic    | 75-2  | 21130     | 21844     | 21816     | 21597     | 1.87   | cps   |
| Barium     | 135-1 | 2940770   | 2970113   | 2958960   | 2956614   | 0.50   | cps   |
| Barium     | 137-1 | 5178276   | 5227669   | 5216688   | 5207545   | 0.50   | cps   |
| Beryllium  | 9-1   | 22651     | 23574     | 23808     | 23344     | 2.62   | cps   |
| Bismuth    | 209-1 | 6763508   | 6883780   | 6914123   | 6853804   | 1.16   | cps   |
| Bismuth    | 209-2 | 3869998   | 4034269   | 3960023   | 3954763   | 2.08   | cps   |
| Boron      | 10-1  | 11246     | 11530     | 11305     | 11360     | 1.32   | cps   |
| Boron      | 11-1  | 51522     | 50794     | 52041     | 51453     | 1.22   | cps   |
| Cadmium    | 111-1 | 9955      | 10447     | 10004     | 10135     | 2.67   | cps   |
| Cadmium    | 106-1 | 9687      | 10304     | 9870      | 9954      | 3.18   | cps   |
| Cadmium    | 108-1 | 1704      | 1625      | 1633      | 1654      | 2.63   | cps   |
| Calcium    | 43-1  | 613210    | 620690    | 621417    | 618439    | 0.73   | cps   |
| Calcium    | 44-1  | 9989110   | 10118811  | 10253303  | 10120408  | 1.31   | cps   |
| Chromium   | 52-2  | 467581    | 470176    | 471308    | 469688    | 0.41   | cps   |
| Cobalt     | 59-2  | 532391    | 531456    | 539027    | 534291    | 0.77   | cps   |
| Copper     | 63-2  | 943852    | 939474    | 949545    | 944290    | 0.53   | cps   |
| Dysprosium | 156-1 | 412287    | 413427    | 418685    | 414800    | 0.82   | cps   |
| Dysprosium | 156-2 | 214011    | 217383    | 217452    | 216282    | 0.91   | cps   |
| Erbium     | 164-1 | 384216    | 387402    | 387193    | 386270    | 0.46   | cps   |
| Erbium     | 164-2 | 195070    | 197468    | 196862    | 196466    | 0.63   | cps   |
| Gadolinium | 160-1 | 415287    | 419076    | 412381    | 415581    | 0.81   | cps   |
| Gadolinium | 160-2 | 237023    | 239344    | 240939    | 239102    | 0.82   | cps   |
| Holmium    | 165-1 | 10622634  | 10923371  | 10832951  | 10792985  | 1.43   | cps   |
| Holmium    | 165-2 | 5473743   | 5716142   | 5629773   | 5606553   | 2.19   | cps   |
| Indium     | 115-1 | 7980136   | 8111264   | 8132883   | 8074761   | 1.02   | cps   |
| Indium     | 115-2 | 1501555   | 1563438   | 1561897   | 1542297   | 2.29   | cps   |
| Iron       | 56-2  | 792703973 | 797999751 | 799689307 | 796797677 | 0.46   | cps   |
| Iron       | 57-2  | 19406150  | 19252982  | 19470742  | 19376625  | 0.58   | cps   |
| Krypton    | 83-1  | 893       | 893       | 790       | 859       | 6.95   | cps   |
| Lead       | 206-1 | 4091108   | 4123429   | 4100015   | 4104851   | 0.41   | cps   |
| Lead       | 207-1 | 3450179   | 3468330   | 3448193   | 3455567   | 0.32   | cps   |
| Lead       | 208-1 | 16288549  | 16464776  | 16403693  | 16385673  | 0.55   | cps   |
| Lithium    | 6-1   | 3754462   | 3790628   | 3809759   | 3784950   | 0.74   | cps   |
| Magnesium  | 24-2  | 14260973  | 14161168  | 14307318  | 14243153  | 0.52   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-07            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS009-0612-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:07:15 | DataFile Name :   | 079SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 19507292 | 19582392 | 19571672 | 19553785 | 0.21   | cps   |
| Molybdenum | 94-1  | 341158   | 349626   | 346906   | 345897   | 1.25   | cps   |
| Molybdenum | 95-1  | 33248    | 32864    | 33056    | 33056    | 0.58   | cps   |
| Molybdenum | 96-1  | 105472   | 105246   | 104472   | 105063   | 0.50   | cps   |
| Molybdenum | 97-1  | 19914    | 21125    | 20891    | 20643    | 3.11   | cps   |
| Molybdenum | 98-1  | 51319    | 51302    | 51963    | 51528    | 0.73   | cps   |
| Neodymium  | 150-1 | 446861   | 445535   | 445865   | 446087   | 0.15   | cps   |
| Neodymium  | 150-2 | 175671   | 177446   | 179172   | 177429   | 0.99   | cps   |
| Nickel     | 60-2  | 276468   | 275997   | 278351   | 276939   | 0.45   | cps   |
| Phosphorus | 31-2  | 33948    | 32495    | 33405    | 33283    | 2.21   | cps   |
| Potassium  | 39-2  | 1615896  | 1607645  | 1627942  | 1617161  | 0.63   | cps   |
| Rhodium    | 103-1 | 7003118  | 7093334  | 7192583  | 7096345  | 1.34   | cps   |
| Rhodium    | 103-2 | 3135364  | 3272210  | 3215268  | 3207614  | 2.14   | cps   |
| Scandium   | 45-1  | 6476702  | 6533200  | 6615109  | 6541670  | 1.06   | cps   |
| Scandium   | 45-2  | 248743   | 257409   | 254268   | 253473   | 1.73   | cps   |
| Selenium   | 77-2  | 813      | 943      | 860      | 872      | 7.55   | cps   |
| Selenium   | 78-2  | 683      | 689      | 707      | 693      | 1.82   | cps   |
| Selenium   | 82-1  | 1060     | 1001     | 1100     | 1054     | 4.76   | cps   |
| Silicon    | 28-1  | 56920918 | 57272843 | 57413139 | 57202300 | 0.44   | cps   |
| Silver     | 109-1 | 3684     | 4009     | 4543     | 4079     | 10.63  | cps   |
| Silver     | 107-1 | 5543     | 4909     | 5393     | 5282     | 6.27   | cps   |
| Sodium     | 23-2  | 382008   | 378162   | 385612   | 381927   | 0.98   | cps   |
| Strontium  | 86-1  | 291622   | 288185   | 293341   | 291049   | 0.90   | cps   |
| Strontium  | 88-1  | 2520662  | 2527477  | 2519894  | 2522678  | 0.17   | cps   |
| Sulfur     | 34-1  | 353901   | 355334   | 356731   | 355322   | 0.40   | cps   |
| Terbium    | 159-1 | 10910824 | 11050074 | 11053182 | 11004693 | 0.74   | cps   |
| Terbium    | 159-2 | 5368415  | 5558626  | 5495062  | 5474034  | 1.77   | cps   |
| Thallium   | 203-1 | 6252     | 6435     | 6277     | 6321     | 1.57   | cps   |
| Thallium   | 205-1 | 14984    | 15576    | 14759    | 15107    | 2.80   | cps   |
| Thorium    | 232-1 | 1242974  | 1251540  | 1241347  | 1245287  | 0.44   | cps   |
| Tin        | 118-1 | 16043    | 15593    | 15476    | 15704    | 1.91   | cps   |
| Titanium   | 47-1  | 239148   | 239609   | 243010   | 240589   | 0.88   | cps   |
| Uranium    | 238-1 | 200161   | 204408   | 202636   | 202402   | 1.05   | cps   |
| Vanadium   | 51-2  | 390408   | 392547   | 390357   | 391104   | 0.32   | cps   |
| Yttrium    | 89-1  | 13644822 | 13720456 | 13787740 | 13717673 | 0.52   | cps   |
| Yttrium    | 89-2  | 1802097  | 1846419  | 1842310  | 1830275  | 1.34   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-07            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS009-0612-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:07:15 | DataFile Name :   | 079SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 447769 | 451011 | 449226 | 449335  | 0.36   | cps   |
| Zirconium | 90-1 | 901352 | 900094 | 899357 | 900268  | 0.11   | cps   |
| Zirconium | 91-1 | 200577 | 201033 | 203179 | 201596  | 0.69   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100071            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV29               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV29               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-12-27 17:14:56 | DataFile Name :   | 080CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 4523736   | 4562924   | 4536985   | 4541215   | 0.44   | cps   |
| Antimony   | 121-1 | 3812518   | 3808243   | 3827902   | 3816221   | 0.27   | cps   |
| Arsenic    | 75-2  | 115224    | 115403    | 115582    | 115403    | 0.16   | cps   |
| Barium     | 135-1 | 4868633   | 4834109   | 4888106   | 4863616   | 0.56   | cps   |
| Barium     | 137-1 | 8718605   | 8657102   | 8758846   | 8711518   | 0.59   | cps   |
| Beryllium  | 9-1   | 1295120   | 1298821   | 1318288   | 1304076   | 0.95   | cps   |
| Bismuth    | 209-1 | 6201210   | 6274684   | 6229497   | 6235131   | 0.59   | cps   |
| Bismuth    | 209-2 | 3607280   | 3649594   | 3645102   | 3633992   | 0.64   | cps   |
| Boron      | 10-1  | 231613    | 238392    | 244256    | 238087    | 2.66   | cps   |
| Boron      | 11-1  | 1030050   | 1044364   | 1073248   | 1049221   | 2.10   | cps   |
| Cadmium    | 111-1 | 1167794   | 1160193   | 1175708   | 1167898   | 0.66   | cps   |
| Cadmium    | 106-1 | 135611    | 136403    | 135189    | 135734    | 0.45   | cps   |
| Cadmium    | 108-1 | 91182     | 90361     | 92512     | 91352     | 1.19   | cps   |
| Calcium    | 43-1  | 6963389   | 7009418   | 6952263   | 6975023   | 0.43   | cps   |
| Calcium    | 44-1  | 111702661 | 113084073 | 112987082 | 112591272 | 0.68   | cps   |
| Chromium   | 52-2  | 1119443   | 1129373   | 1126916   | 1125244   | 0.46   | cps   |
| Cobalt     | 59-2  | 1770652   | 1783623   | 1780958   | 1778411   | 0.39   | cps   |
| Copper     | 63-2  | 2432897   | 2459948   | 2461320   | 2451388   | 0.65   | cps   |
| Dysprosium | 156-1 | 200       | 192       | 158       | 183       | 12.03  | cps   |
| Dysprosium | 156-2 | 97        | 137       | 140       | 124       | 19.38  | cps   |
| Erbium     | 164-1 | 33        | 50        | 100       | 61        | 56.78  | cps   |
| Erbium     | 164-2 | 20        | 27        | 47        | 31        | 44.61  | cps   |
| Gadolinium | 160-1 | 75        | 108       | 117       | 100       | 22.05  | cps   |
| Gadolinium | 160-2 | 207       | 173       | 147       | 176       | 17.12  | cps   |
| Holmium    | 165-1 | 10377075  | 10380217  | 10284141  | 10347144  | 0.53   | cps   |
| Holmium    | 165-2 | 5252328   | 5291817   | 5282029   | 5275392   | 0.39   | cps   |
| Indium     | 115-1 | 7584974   | 7631525   | 7648154   | 7621551   | 0.43   | cps   |
| Indium     | 115-2 | 1409252   | 1422448   | 1415082   | 1415594   | 0.47   | cps   |
| Iron       | 56-2  | 251081550 | 253393983 | 252886700 | 252454078 | 0.48   | cps   |
| Iron       | 57-2  | 6159381   | 6242384   | 6169940   | 6190568   | 0.73   | cps   |
| Krypton    | 83-1  | 320       | 333       | 340       | 331       | 3.08   | cps   |
| Lead       | 206-1 | 3319068   | 3347038   | 3332390   | 3332832   | 0.42   | cps   |
| Lead       | 207-1 | 3039109   | 3056609   | 3080843   | 3058854   | 0.69   | cps   |
| Lead       | 208-1 | 13872322  | 13936490  | 13993496  | 13934103  | 0.44   | cps   |
| Lithium    | 6-1   | 3273200   | 3293630   | 3310129   | 3292320   | 0.56   | cps   |
| Magnesium  | 24-2  | 48964320  | 49367020  | 49151680  | 49161007  | 0.41   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100071            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV29               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV29               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-12-27 17:14:56 | DataFile Name :   | 080CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1396779  | 1410912  | 1403619  | 1403770  | 0.50   | cps   |
| Molybdenum | 94-1  | 8209378  | 8249163  | 8322911  | 8260484  | 0.70   | cps   |
| Molybdenum | 95-1  | 10059788 | 10097392 | 10097235 | 10084805 | 0.21   | cps   |
| Molybdenum | 96-1  | 11058504 | 11146622 | 11179390 | 11128172 | 0.56   | cps   |
| Molybdenum | 97-1  | 6233014  | 6251746  | 6274354  | 6253038  | 0.33   | cps   |
| Molybdenum | 98-1  | 16117778 | 16235351 | 16250078 | 16201069 | 0.45   | cps   |
| Neodymium  | 150-1 | 673      | 720      | 540      | 644      | 14.50  | cps   |
| Neodymium  | 150-2 | 80       | 80       | 87       | 82       | 4.68   | cps   |
| Nickel     | 60-2  | 448474   | 455152   | 455832   | 453152   | 0.90   | cps   |
| Phosphorus | 31-2  | 45830    | 44827    | 45964    | 45540    | 1.36   | cps   |
| Potassium  | 39-2  | 22014556 | 22243948 | 22048744 | 22102416 | 0.56   | cps   |
| Rhodium    | 103-1 | 6522974  | 6602891  | 6546075  | 6557313  | 0.63   | cps   |
| Rhodium    | 103-2 | 2875791  | 2912850  | 2914167  | 2900936  | 0.75   | cps   |
| Scandium   | 45-1  | 5355593  | 5414285  | 5382383  | 5384087  | 0.55   | cps   |
| Scandium   | 45-2  | 207342   | 208477   | 208917   | 208246   | 0.39   | cps   |
| Selenium   | 77-2  | 3530     | 3440     | 3574     | 3515     | 1.94   | cps   |
| Selenium   | 78-2  | 12114    | 12057    | 12094    | 12088    | 0.24   | cps   |
| Selenium   | 82-1  | 85058    | 84922    | 85584    | 85188    | 0.41   | cps   |
| Silicon    | 28-1  | 3838113  | 3909983  | 3983102  | 3910399  | 1.85   | cps   |
| Silver     | 109-1 | 4881145  | 4839565  | 4916043  | 4878918  | 0.78   | cps   |
| Silver     | 107-1 | 5060066  | 5026297  | 5011032  | 5032465  | 0.50   | cps   |
| Sodium     | 23-2  | 93468388 | 94223102 | 93631875 | 93774455 | 0.42   | cps   |
| Strontium  | 86-1  | 1356022  | 1356450  | 1360844  | 1357772  | 0.20   | cps   |
| Strontium  | 88-1  | 11923585 | 12045270 | 11925233 | 11964696 | 0.58   | cps   |
| Sulfur     | 34-1  | 876882   | 872527   | 875338   | 874916   | 0.25   | cps   |
| Terbium    | 159-1 | 10454303 | 10579940 | 10598292 | 10544178 | 0.74   | cps   |
| Terbium    | 159-2 | 5074106  | 5105454  | 5149773  | 5109777  | 0.74   | cps   |
| Thallium   | 203-1 | 4145515  | 4131652  | 4129380  | 4135516  | 0.21   | cps   |
| Thallium   | 205-1 | 10226824 | 10205128 | 10252333 | 10228095 | 0.23   | cps   |
| Thorium    | 232-1 | 16145144 | 16315854 | 16538202 | 16333066 | 1.21   | cps   |
| Tin        | 118-1 | 3406158  | 3409468  | 3461891  | 3425839  | 0.91   | cps   |
| Titanium   | 47-1  | 3045825  | 3051660  | 3072671  | 3056719  | 0.46   | cps   |
| Uranium    | 238-1 | 15695720 | 15824732 | 16081504 | 15867319 | 1.24   | cps   |
| Vanadium   | 51-2  | 903730   | 909882   | 906275   | 906629   | 0.34   | cps   |
| Yttrium    | 89-1  | 8123231  | 8228137  | 8153678  | 8168349  | 0.66   | cps   |
| Yttrium    | 89-2  | 1073040  | 1082273  | 1086623  | 1080645  | 0.64   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100071            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV29               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV29               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-12-27 17:14:56 | DataFile Name :   | 080CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 416216  | 418324  | 417505  | 417348  | 0.25   | cps   |
| Zirconium | 90-1 | 6992670 | 6981497 | 7030846 | 7001671 | 0.37   | cps   |
| Zirconium | 91-1 | 1513965 | 1509991 | 1531691 | 1518549 | 0.76   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB29               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB29               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:24:03 | DataFile Name :   | 081CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 200      | 125      | 133      | 153      | 26.91  | cps   |
| Antimony   | 121-1 | 550      | 417      | 525      | 497      | 14.25  | cps   |
| Arsenic    | 75-2  | 9        | 11       | 13       | 11       | 16.65  | cps   |
| Barium     | 135-1 | 200      | 183      | 117      | 167      | 26.46  | cps   |
| Barium     | 137-1 | 250      | 292      | 242      | 261      | 10.26  | cps   |
| Beryllium  | 9-1   | 228      | 183      | 161      | 191      | 17.80  | cps   |
| Bismuth    | 209-1 | 7752883  | 7665978  | 7729990  | 7716284  | 0.58   | cps   |
| Bismuth    | 209-2 | 4363271  | 4368502  | 4384245  | 4372006  | 0.25   | cps   |
| Boron      | 10-1  | 3409     | 3392     | 3309     | 3370     | 1.59   | cps   |
| Boron      | 11-1  | 15175    | 14291    | 13698    | 14388    | 5.16   | cps   |
| Cadmium    | 111-1 | 2775     | 2937     | 2643     | 2785     | 5.29   | cps   |
| Cadmium    | 106-1 | 3917     | 4142     | 3726     | 3928     | 5.31   | cps   |
| Cadmium    | 108-1 | 13       | 13       | 4        | 10       | 49.46  | cps   |
| Calcium    | 43-1  | 233      | 267      | 200      | 233      | 14.28  | cps   |
| Calcium    | 44-1  | 5801     | 5326     | 5410     | 5512     | 4.60   | cps   |
| Chromium   | 52-2  | 597      | 683      | 687      | 656      | 7.78   | cps   |
| Cobalt     | 59-2  | 87       | 103      | 87       | 92       | 10.44  | cps   |
| Copper     | 63-2  | 250      | 260      | 257      | 256      | 1.99   | cps   |
| Dysprosium | 156-1 | 25       | 17       | 50       | 31       | 56.77  | cps   |
| Dysprosium | 156-2 | 7        | 13       | 7        | 9        | 43.25  | cps   |
| Erbium     | 164-1 | 8        | 17       | 33       | 19       | 65.47  | cps   |
| Erbium     | 164-2 | 10       | 10       | 20       | 13       | 43.30  | cps   |
| Gadolinium | 160-1 | 67       | 42       | 42       | 50       | 28.87  | cps   |
| Gadolinium | 160-2 | 230      | 167      | 133      | 177      | 27.79  | cps   |
| Holmium    | 165-1 | 10965916 | 10982079 | 10925566 | 10957854 | 0.27   | cps   |
| Holmium    | 165-2 | 5574503  | 5590946  | 5612283  | 5592577  | 0.34   | cps   |
| Indium     | 115-1 | 8883498  | 8846076  | 8847269  | 8858948  | 0.24   | cps   |
| Indium     | 115-2 | 1640053  | 1661695  | 1663691  | 1655147  | 0.79   | cps   |
| Iron       | 56-2  | 11861    | 12239    | 12211    | 12103    | 1.74   | cps   |
| Iron       | 57-2  | 306      | 356      | 294      | 319      | 10.22  | cps   |
| Krypton    | 83-1  | 370      | 390      | 403      | 388      | 4.33   | cps   |
| Lead       | 206-1 | 1795     | 1706     | 1750     | 1750     | 2.54   | cps   |
| Lead       | 207-1 | 1700     | 1511     | 1417     | 1543     | 9.35   | cps   |
| Lead       | 208-1 | 6879     | 6612     | 6662     | 6718     | 2.11   | cps   |
| Lithium    | 6-1   | 3740562  | 3690382  | 3717950  | 3716298  | 0.68   | cps   |
| Magnesium  | 24-2  | 1242     | 1467     | 1392     | 1367     | 8.38   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB29               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB29               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:24:03 | DataFile Name :   | 081CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 247      | 260      | 220      | 242      | 8.41   | cps   |
| Molybdenum | 94-1  | 575      | 558      | 567      | 567      | 1.47   | cps   |
| Molybdenum | 95-1  | 567      | 492      | 525      | 528      | 7.12   | cps   |
| Molybdenum | 96-1  | 783      | 683      | 483      | 650      | 23.50  | cps   |
| Molybdenum | 97-1  | 267      | 300      | 292      | 286      | 6.06   | cps   |
| Molybdenum | 98-1  | 867      | 825      | 742      | 811      | 7.85   | cps   |
| Neodymium  | 150-1 | 7        | 7        | 7        | 7        | 0.00   | cps   |
| Neodymium  | 150-2 | 3        | 7        | 3        | 4        | 43.40  | cps   |
| Nickel     | 60-2  | 40       | 40       | 47       | 42       | 9.12   | cps   |
| Phosphorus | 31-2  | 208      | 100      | 83       | 131      | 51.99  | cps   |
| Potassium  | 39-2  | 16493    | 17311    | 16760    | 16855    | 2.47   | cps   |
| Rhodium    | 103-1 | 8120262  | 8080857  | 8014903  | 8072007  | 0.66   | cps   |
| Rhodium    | 103-2 | 3556525  | 3550047  | 3586114  | 3564229  | 0.54   | cps   |
| Scandium   | 45-1  | 6064382  | 6058367  | 6049364  | 6057371  | 0.12   | cps   |
| Scandium   | 45-2  | 230091   | 231808   | 231033   | 230977   | 0.37   | cps   |
| Selenium   | 77-2  | 0        | 7        | 0        | 2        | 173.21 | cps   |
| Selenium   | 78-2  | 56       | 48       | 52       | 52       | 7.15   | cps   |
| Selenium   | 82-1  | -19      | -6       | -23      | -16      | -55.42 | cps   |
| Silicon    | 28-1  | 197352   | 190794   | 191182   | 193109   | 1.91   | cps   |
| Silver     | 109-1 | 142      | 200      | 175      | 172      | 16.99  | cps   |
| Silver     | 107-1 | 292      | 267      | 217      | 258      | 14.78  | cps   |
| Sodium     | 23-2  | 12973    | 12823    | 12731    | 12842    | 0.95   | cps   |
| Strontium  | 86-1  | 583      | 725      | 608      | 639      | 11.84  | cps   |
| Strontium  | 88-1  | 358      | 417      | 342      | 372      | 10.58  | cps   |
| Sulfur     | 34-1  | 372418   | 371590   | 372118   | 372042   | 0.11   | cps   |
| Terbium    | 159-1 | 11271132 | 11241641 | 11232932 | 11248568 | 0.18   | cps   |
| Terbium    | 159-2 | 5435179  | 5459152  | 5465941  | 5453424  | 0.30   | cps   |
| Thallium   | 203-1 | 608      | 625      | 592      | 608      | 2.74   | cps   |
| Thallium   | 205-1 | 1417     | 1425     | 1542     | 1461     | 4.78   | cps   |
| Thorium    | 232-1 | 833      | 850      | 850      | 845      | 1.14   | cps   |
| Tin        | 118-1 | 692      | 608      | 892      | 731      | 19.93  | cps   |
| Titanium   | 47-1  | 125      | 92       | 125      | 114      | 16.90  | cps   |
| Uranium    | 238-1 | 325      | 250      | 275      | 283      | 13.48  | cps   |
| Vanadium   | 51-2  | 13       | 27       | 23       | 21       | 32.88  | cps   |
| Yttrium    | 89-1  | 9149579  | 9081683  | 9125341  | 9118868  | 0.38   | cps   |
| Yttrium    | 89-2  | 1197893  | 1214158  | 1207264  | 1206438  | 0.68   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB29               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB29               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:24:03 | DataFile Name :   | 081CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zinc      | 66-2 | 390  | 420  | 403  | 404     | 3.72   | cps   |
| Zirconium | 90-1 | 867  | 925  | 883  | 892     | 3.37   | cps   |
| Zirconium | 91-1 | 208  | 108  | 208  | 175     | 32.99  | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-08 Instrumnet Name : P7  
 Client Sample ID : P001-SS009-1218-01 Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 17:27:37 DataFile Name : 082SMPL.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 16821665  | 16863921  | 16792232  | 16825939  | 0.21   | cps   |
| Antimony   | 121-1 | 2850      | 2834      | 2817      | 2834      | 0.59   | cps   |
| Arsenic    | 75-2  | 27172     | 27207     | 27385     | 27255     | 0.42   | cps   |
| Barium     | 135-1 | 2631103   | 2594006   | 2604789   | 2609966   | 0.73   | cps   |
| Barium     | 137-1 | 4619997   | 4595835   | 4577456   | 4597763   | 0.46   | cps   |
| Beryllium  | 9-1   | 24036     | 22934     | 23246     | 23406     | 2.43   | cps   |
| Bismuth    | 209-1 | 6975463   | 6995201   | 7085454   | 7018706   | 0.84   | cps   |
| Bismuth    | 209-2 | 3742861   | 3833344   | 3907718   | 3827974   | 2.16   | cps   |
| Boron      | 10-1  | 9353      | 9337      | 9011      | 9234      | 2.09   | cps   |
| Boron      | 11-1  | 40764     | 41190     | 41516     | 41157     | 0.92   | cps   |
| Cadmium    | 111-1 | 8040      | 8553      | 7881      | 8158      | 4.31   | cps   |
| Cadmium    | 106-1 | 8853      | 9637      | 8786      | 9092      | 5.20   | cps   |
| Cadmium    | 108-1 | 1517      | 1538      | 1379      | 1478      | 5.82   | cps   |
| Calcium    | 43-1  | 215140    | 211923    | 214803    | 213955    | 0.83   | cps   |
| Calcium    | 44-1  | 3488976   | 3453063   | 3489498   | 3477179   | 0.60   | cps   |
| Chromium   | 52-2  | 472859    | 478168    | 474486    | 475171    | 0.57   | cps   |
| Cobalt     | 59-2  | 542918    | 553611    | 552010    | 549513    | 1.05   | cps   |
| Copper     | 63-2  | 1054581   | 1065559   | 1066325   | 1062155   | 0.62   | cps   |
| Dysprosium | 156-1 | 444090    | 439669    | 446548    | 443435    | 0.79   | cps   |
| Dysprosium | 156-2 | 228379    | 227615    | 229950    | 228648    | 0.52   | cps   |
| Erbium     | 164-1 | 404551    | 404535    | 399349    | 402812    | 0.74   | cps   |
| Erbium     | 164-2 | 202355    | 205199    | 206702    | 204752    | 1.08   | cps   |
| Gadolinium | 160-1 | 447242    | 439167    | 437249    | 441219    | 1.20   | cps   |
| Gadolinium | 160-2 | 250313    | 250847    | 255119    | 252093    | 1.04   | cps   |
| Holmium    | 165-1 | 10885822  | 10885535  | 10948624  | 10906660  | 0.33   | cps   |
| Holmium    | 165-2 | 5326233   | 5400890   | 5523215   | 5416779   | 1.84   | cps   |
| Indium     | 115-1 | 8120182   | 8135290   | 8263734   | 8173068   | 0.97   | cps   |
| Indium     | 115-2 | 1468235   | 1491615   | 1526979   | 1495610   | 1.98   | cps   |
| Iron       | 56-2  | 797131018 | 801713551 | 806462618 | 801769062 | 0.58   | cps   |
| Iron       | 57-2  | 19449282  | 19486068  | 19600255  | 19511868  | 0.40   | cps   |
| Krypton    | 83-1  | 860       | 940       | 1047      | 949       | 9.87   | cps   |
| Lead       | 206-1 | 3599082   | 3553327   | 3569955   | 3574121   | 0.65   | cps   |
| Lead       | 207-1 | 3056141   | 3021225   | 3017005   | 3031457   | 0.71   | cps   |
| Lead       | 208-1 | 14438125  | 14292127  | 14396221  | 14375491  | 0.52   | cps   |
| Lithium    | 6-1   | 3803669   | 3805346   | 3918739   | 3842585   | 1.72   | cps   |
| Magnesium  | 24-2  | 15169203  | 15265877  | 15301596  | 15245559  | 0.45   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-08            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS009-1218-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:27:37 | DataFile Name :   | 082SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Manganese  | 55-2  | 20660526  | 20763866  | 20828548  | 20750980  | 0.41   | cps   |
| Molybdenum | 94-1  | 312924    | 311811    | 308967    | 311234    | 0.66   | cps   |
| Molybdenum | 95-1  | 27703     | 28654     | 27160     | 27839     | 2.72   | cps   |
| Molybdenum | 96-1  | 95435     | 94437     | 95753     | 95209     | 0.72   | cps   |
| Molybdenum | 97-1  | 16969     | 16118     | 17678     | 16922     | 4.62   | cps   |
| Molybdenum | 98-1  | 43543     | 42631     | 42974     | 43049     | 1.07   | cps   |
| Neodymium  | 150-1 | 488709    | 480381    | 483350    | 484147    | 0.87   | cps   |
| Neodymium  | 150-2 | 191129    | 192505    | 191883    | 191839    | 0.36   | cps   |
| Nickel     | 60-2  | 267001    | 275220    | 273834    | 272018    | 1.62   | cps   |
| Phosphorus | 31-2  | 22359     | 23018     | 22877     | 22751     | 1.53   | cps   |
| Potassium  | 39-2  | 1336333   | 1349447   | 1344493   | 1343424   | 0.49   | cps   |
| Rhodium    | 103-1 | 7145756   | 7141576   | 7187551   | 7158295   | 0.36   | cps   |
| Rhodium    | 103-2 | 3028453   | 3077122   | 3153119   | 3086231   | 2.04   | cps   |
| Scandium   | 45-1  | 6696854   | 6712823   | 6792923   | 6734200   | 0.76   | cps   |
| Scandium   | 45-2  | 246395    | 249178    | 253170    | 249581    | 1.36   | cps   |
| Selenium   | 77-2  | 903       | 963       | 940       | 936       | 3.23   | cps   |
| Selenium   | 78-2  | 669       | 709       | 700       | 693       | 3.08   | cps   |
| Selenium   | 82-1  | 1036      | 911       | 797       | 915       | 13.11  | cps   |
| Silicon    | 28-1  | 133454295 | 131554861 | 133234557 | 132747904 | 0.78   | cps   |
| Silver     | 109-1 | 6110      | 5935      | 6352      | 6132      | 3.41   | cps   |
| Silver     | 107-1 | 7227      | 7294      | 7060      | 7194      | 1.67   | cps   |
| Sodium     | 23-2  | 348114    | 349760    | 346535    | 348137    | 0.46   | cps   |
| Strontium  | 86-1  | 139632    | 139086    | 136554    | 138424    | 1.19   | cps   |
| Strontium  | 88-1  | 1196248   | 1185266   | 1189702   | 1190405   | 0.46   | cps   |
| Sulfur     | 34-1  | 312090    | 304509    | 299522    | 305374    | 2.07   | cps   |
| Terbium    | 159-1 | 11140152  | 11074979  | 11294428  | 11169853  | 1.01   | cps   |
| Terbium    | 159-2 | 5188324   | 5276090   | 5414909   | 5293108   | 2.16   | cps   |
| Thallium   | 203-1 | 6235      | 6468      | 6535      | 6413      | 2.46   | cps   |
| Thallium   | 205-1 | 15159     | 15401     | 15752     | 15437     | 1.93   | cps   |
| Thorium    | 232-1 | 1343501   | 1336570   | 1328995   | 1336355   | 0.54   | cps   |
| Tin        | 118-1 | 17754     | 17854     | 18580     | 18062     | 2.50   | cps   |
| Titanium   | 47-1  | 399600    | 391751    | 390392    | 393914    | 1.26   | cps   |
| Uranium    | 238-1 | 166211    | 165204    | 165845    | 165753    | 0.31   | cps   |
| Vanadium   | 51-2  | 379946    | 382758    | 382215    | 381640    | 0.39   | cps   |
| Yttrium    | 89-1  | 13923460  | 13885526  | 13991052  | 13933346  | 0.38   | cps   |
| Yttrium    | 89-2  | 1780436   | 1797452   | 1832824   | 1803571   | 1.48   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-08            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS009-1218-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:27:37 | DataFile Name :   | 082SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 398260 | 401681 | 402084 | 400675  | 0.52   | cps   |
| Zirconium | 90-1 | 824530 | 807329 | 811678 | 814512  | 1.10   | cps   |
| Zirconium | 91-1 | 183729 | 179404 | 182382 | 181838  | 1.22   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-09 Instrumnet Name : P7  
 Client Sample ID : P001-SS009-1824-01 Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 17:31:15 DataFile Name : 083SMPL.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 16513801  | 16575837  | 16543856  | 16544498  | 0.19   | cps   |
| Antimony   | 121-1 | 2850      | 2784      | 2709      | 2781      | 2.55   | cps   |
| Arsenic    | 75-2  | 23322     | 23204     | 23601     | 23376     | 0.87   | cps   |
| Barium     | 135-1 | 2834571   | 2850088   | 2817328   | 2833996   | 0.58   | cps   |
| Barium     | 137-1 | 4993165   | 4995519   | 4959802   | 4982829   | 0.40   | cps   |
| Beryllium  | 9-1   | 22834     | 22701     | 22528     | 22688     | 0.68   | cps   |
| Bismuth    | 209-1 | 6808154   | 6988657   | 6946377   | 6914396   | 1.37   | cps   |
| Bismuth    | 209-2 | 3846901   | 3885315   | 3864823   | 3865680   | 0.50   | cps   |
| Boron      | 10-1  | 9829      | 10120     | 10204     | 10051     | 1.96   | cps   |
| Boron      | 11-1  | 42302     | 43614     | 41775     | 42564     | 2.23   | cps   |
| Cadmium    | 111-1 | 8440      | 8629      | 8488      | 8519      | 1.15   | cps   |
| Cadmium    | 106-1 | 9087      | 9645      | 9128      | 9287      | 3.35   | cps   |
| Cadmium    | 108-1 | 1542      | 1771      | 1658      | 1657      | 6.92   | cps   |
| Calcium    | 43-1  | 234844    | 231372    | 233066    | 233094    | 0.74   | cps   |
| Calcium    | 44-1  | 3801078   | 3774324   | 3795460   | 3790287   | 0.37   | cps   |
| Chromium   | 52-2  | 447835    | 452638    | 449750    | 450074    | 0.54   | cps   |
| Cobalt     | 59-2  | 554213    | 560583    | 561785    | 558860    | 0.73   | cps   |
| Copper     | 63-2  | 969194    | 985082    | 985126    | 979801    | 0.94   | cps   |
| Dysprosium | 156-1 | 443192    | 441725    | 444065    | 442994    | 0.27   | cps   |
| Dysprosium | 156-2 | 224986    | 229082    | 228714    | 227594    | 1.00   | cps   |
| Erbium     | 164-1 | 393873    | 394775    | 399066    | 395904    | 0.70   | cps   |
| Erbium     | 164-2 | 199857    | 206014    | 201022    | 202298    | 1.62   | cps   |
| Gadolinium | 160-1 | 437286    | 433575    | 435734    | 435531    | 0.43   | cps   |
| Gadolinium | 160-2 | 244569    | 247810    | 249845    | 247408    | 1.08   | cps   |
| Holmium    | 165-1 | 10760906  | 10925412  | 10859472  | 10848597  | 0.76   | cps   |
| Holmium    | 165-2 | 5456258   | 5528205   | 5491163   | 5491875   | 0.66   | cps   |
| Indium     | 115-1 | 7969918   | 8142620   | 8103970   | 8072169   | 1.12   | cps   |
| Indium     | 115-2 | 1499933   | 1516895   | 1514177   | 1510335   | 0.60   | cps   |
| Iron       | 56-2  | 784594729 | 793781040 | 791209751 | 789861840 | 0.60   | cps   |
| Iron       | 57-2  | 19023441  | 19352950  | 19233287  | 19203226  | 0.87   | cps   |
| Krypton    | 83-1  | 923       | 857       | 940       | 907       | 4.86   | cps   |
| Lead       | 206-1 | 4922664   | 4928208   | 4950175   | 4933682   | 0.29   | cps   |
| Lead       | 207-1 | 4201319   | 4216464   | 4197281   | 4205021   | 0.24   | cps   |
| Lead       | 208-1 | 19812414  | 19835224  | 19867374  | 19838338  | 0.14   | cps   |
| Lithium    | 6-1   | 3702896   | 3754536   | 3739078   | 3732170   | 0.71   | cps   |
| Magnesium  | 24-2  | 13985985  | 13999993  | 13982109  | 13989362  | 0.07   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-09            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS009-1824-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:31:15 | DataFile Name :   | 083SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Manganese  | 55-2  | 24626183  | 24828723  | 24798070  | 24750992  | 0.44   | cps   |
| Molybdenum | 94-1  | 350101    | 343772    | 347656    | 347176    | 0.92   | cps   |
| Molybdenum | 95-1  | 26959     | 26609     | 26442     | 26670     | 0.99   | cps   |
| Molybdenum | 96-1  | 97407     | 99857     | 97029     | 98098     | 1.56   | cps   |
| Molybdenum | 97-1  | 16118     | 16602     | 15317     | 16012     | 4.05   | cps   |
| Molybdenum | 98-1  | 40283     | 41026     | 39331     | 40213     | 2.11   | cps   |
| Neodymium  | 150-1 | 475075    | 477316    | 475457    | 475950    | 0.25   | cps   |
| Neodymium  | 150-2 | 188908    | 192018    | 190113    | 190346    | 0.82   | cps   |
| Nickel     | 60-2  | 261497    | 263274    | 264752    | 263174    | 0.62   | cps   |
| Phosphorus | 31-2  | 22584     | 22902     | 23953     | 23146     | 3.10   | cps   |
| Potassium  | 39-2  | 1359605   | 1367333   | 1376616   | 1367851   | 0.62   | cps   |
| Rhodium    | 103-1 | 6996825   | 7085912   | 7052863   | 7045200   | 0.64   | cps   |
| Rhodium    | 103-2 | 3111431   | 3142749   | 3145796   | 3133325   | 0.61   | cps   |
| Scandium   | 45-1  | 6622566   | 6684322   | 6718853   | 6675247   | 0.73   | cps   |
| Scandium   | 45-2  | 252488    | 253787    | 253862    | 253379    | 0.30   | cps   |
| Selenium   | 77-2  | 923       | 1000      | 1050      | 991       | 6.44   | cps   |
| Selenium   | 78-2  | 754       | 704       | 698       | 719       | 4.26   | cps   |
| Selenium   | 82-1  | 916       | 1005      | 926       | 949       | 5.15   | cps   |
| Silicon    | 28-1  | 124045790 | 124160599 | 123752524 | 123986304 | 0.17   | cps   |
| Silver     | 109-1 | 6210      | 5835      | 5835      | 5960      | 3.63   | cps   |
| Silver     | 107-1 | 7010      | 7085      | 6902      | 6999      | 1.32   | cps   |
| Sodium     | 23-2  | 328140    | 329460    | 326248    | 327949    | 0.49   | cps   |
| Strontium  | 86-1  | 142737    | 143628    | 143764    | 143377    | 0.39   | cps   |
| Strontium  | 88-1  | 1246746   | 1238826   | 1243642   | 1243072   | 0.32   | cps   |
| Sulfur     | 34-1  | 306545    | 303313    | 304714    | 304857    | 0.53   | cps   |
| Terbium    | 159-1 | 10918404  | 11153649  | 11068188  | 11046747  | 1.08   | cps   |
| Terbium    | 159-2 | 5308374   | 5374977   | 5334217   | 5339189   | 0.63   | cps   |
| Thallium   | 203-1 | 7252      | 7144      | 6852      | 7083      | 2.92   | cps   |
| Thallium   | 205-1 | 16895     | 16611     | 16119     | 16541     | 2.37   | cps   |
| Thorium    | 232-1 | 1515720   | 1523338   | 1522676   | 1520578   | 0.28   | cps   |
| Tin        | 118-1 | 27478     | 28280     | 26676     | 27478     | 2.92   | cps   |
| Titanium   | 47-1  | 377466    | 374919    | 373515    | 375300    | 0.53   | cps   |
| Uranium    | 238-1 | 176017    | 175189    | 172067    | 174424    | 1.19   | cps   |
| Vanadium   | 51-2  | 372582    | 375129    | 378503    | 375405    | 0.79   | cps   |
| Yttrium    | 89-1  | 13640329  | 13703513  | 13737310  | 13693717  | 0.36   | cps   |
| Yttrium    | 89-2  | 1790786   | 1809228   | 1809901   | 1803305   | 0.60   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-09            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS009-1824-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:31:15 | DataFile Name :   | 083SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 369237 | 377808 | 372682 | 373242  | 1.16   | cps   |
| Zirconium | 90-1 | 911959 | 905750 | 904124 | 907278  | 0.46   | cps   |
| Zirconium | 91-1 | 206502 | 205959 | 204033 | 205498  | 0.63   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-10            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS010-0006-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:34:53 | DataFile Name :   | 084SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 10768907  | 10764169  | 10750628  | 10761235  | 0.09   | cps   |
| Antimony   | 121-1 | 3125      | 3092      | 3392      | 3203      | 5.13   | cps   |
| Arsenic    | 75-2  | 14057     | 14098     | 14387     | 14180     | 1.27   | cps   |
| Barium     | 135-1 | 3383307   | 3391566   | 3430447   | 3401773   | 0.74   | cps   |
| Barium     | 137-1 | 6107853   | 6148102   | 6139814   | 6131923   | 0.35   | cps   |
| Beryllium  | 9-1   | 16381     | 16476     | 16804     | 16554     | 1.34   | cps   |
| Bismuth    | 209-1 | 7089821   | 7156834   | 7259679   | 7168778   | 1.19   | cps   |
| Bismuth    | 209-2 | 3995407   | 4020233   | 4039998   | 4018546   | 0.56   | cps   |
| Boron      | 10-1  | 10262     | 9720      | 9929      | 9970      | 2.74   | cps   |
| Boron      | 11-1  | 45269     | 45344     | 46063     | 45558     | 0.96   | cps   |
| Cadmium    | 111-1 | 11287     | 11276     | 11419     | 11328     | 0.70   | cps   |
| Cadmium    | 106-1 | 8111      | 8578      | 8478      | 8389      | 2.93   | cps   |
| Cadmium    | 108-1 | 1442      | 1429      | 1375      | 1415      | 2.50   | cps   |
| Calcium    | 43-1  | 1276333   | 1278376   | 1291094   | 1281934   | 0.62   | cps   |
| Calcium    | 44-1  | 20899415  | 20985804  | 21260218  | 21048479  | 0.90   | cps   |
| Chromium   | 52-2  | 350197    | 348794    | 347957    | 348983    | 0.32   | cps   |
| Cobalt     | 59-2  | 385528    | 385101    | 388791    | 386473    | 0.52   | cps   |
| Copper     | 63-2  | 724084    | 728284    | 731334    | 727901    | 0.50   | cps   |
| Dysprosium | 156-1 | 230255    | 228254    | 228942    | 229150    | 0.44   | cps   |
| Dysprosium | 156-2 | 119602    | 119064    | 121155    | 119940    | 0.91   | cps   |
| Erbium     | 164-1 | 211126    | 211831    | 212362    | 211773    | 0.29   | cps   |
| Erbium     | 164-2 | 108739    | 108913    | 108654    | 108768    | 0.12   | cps   |
| Gadolinium | 160-1 | 224083    | 233173    | 228768    | 228675    | 1.99   | cps   |
| Gadolinium | 160-2 | 132594    | 132702    | 133074    | 132790    | 0.19   | cps   |
| Holmium    | 165-1 | 10892860  | 11011631  | 11131293  | 11011928  | 1.08   | cps   |
| Holmium    | 165-2 | 5545554   | 5596672   | 5641995   | 5594740   | 0.86   | cps   |
| Indium     | 115-1 | 8340946   | 8448256   | 8370223   | 8386475   | 0.66   | cps   |
| Indium     | 115-2 | 1553455   | 1552130   | 1571074   | 1558886   | 0.68   | cps   |
| Iron       | 56-2  | 526674567 | 524250712 | 528345156 | 526423478 | 0.39   | cps   |
| Iron       | 57-2  | 12742441  | 12799346  | 12804943  | 12782243  | 0.27   | cps   |
| Krypton    | 83-1  | 610       | 607       | 667       | 628       | 5.37   | cps   |
| Lead       | 206-1 | 4051238   | 4067295   | 4080057   | 4066197   | 0.36   | cps   |
| Lead       | 207-1 | 3423236   | 3452940   | 3451460   | 3442546   | 0.49   | cps   |
| Lead       | 208-1 | 16122629  | 16349663  | 16387846  | 16286713  | 0.88   | cps   |
| Lithium    | 6-1   | 3720904   | 3743237   | 3758032   | 3740724   | 0.50   | cps   |
| Magnesium  | 24-2  | 10793367  | 10894310  | 10800419  | 10829365  | 0.52   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-10            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS010-0006-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:34:53 | DataFile Name :   | 084SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 15685807 | 15713130 | 15846965 | 15748634 | 0.55   | cps   |
| Molybdenum | 94-1  | 252554   | 249253   | 250756   | 250854   | 0.66   | cps   |
| Molybdenum | 95-1  | 17411    | 17695    | 17720    | 17609    | 0.97   | cps   |
| Molybdenum | 96-1  | 68866    | 68657    | 69696    | 69073    | 0.80   | cps   |
| Molybdenum | 97-1  | 10513    | 10513    | 10896    | 10641    | 2.08   | cps   |
| Molybdenum | 98-1  | 26208    | 26634    | 26551    | 26464    | 0.85   | cps   |
| Neodymium  | 150-1 | 237698   | 239461   | 241142   | 239434   | 0.72   | cps   |
| Neodymium  | 150-2 | 95290    | 97122    | 97707    | 96706    | 1.30   | cps   |
| Nickel     | 60-2  | 214055   | 213571   | 213417   | 213681   | 0.16   | cps   |
| Phosphorus | 31-2  | 22793    | 23686    | 23294    | 23258    | 1.93   | cps   |
| Potassium  | 39-2  | 1518751  | 1527325  | 1519166  | 1521747  | 0.32   | cps   |
| Rhodium    | 103-1 | 7293758  | 7414600  | 7460723  | 7389694  | 1.17   | cps   |
| Rhodium    | 103-2 | 3250448  | 3243755  | 3257895  | 3250700  | 0.22   | cps   |
| Scandium   | 45-1  | 6323807  | 6385106  | 6438901  | 6382605  | 0.90   | cps   |
| Scandium   | 45-2  | 239941   | 241408   | 242572   | 241307   | 0.55   | cps   |
| Selenium   | 77-2  | 413      | 450      | 460      | 441      | 5.57   | cps   |
| Selenium   | 78-2  | 439      | 443      | 444      | 442      | 0.64   | cps   |
| Selenium   | 82-1  | 874      | 848      | 822      | 848      | 3.05   | cps   |
| Silicon    | 28-1  | 74981350 | 75343839 | 75299948 | 75208379 | 0.26   | cps   |
| Silver     | 109-1 | 3184     | 3642     | 3567     | 3464     | 7.10   | cps   |
| Silver     | 107-1 | 4251     | 3976     | 4001     | 4076     | 3.73   | cps   |
| Sodium     | 23-2  | 311216   | 309983   | 309519   | 310239   | 0.28   | cps   |
| Strontium  | 86-1  | 527858   | 533586   | 541249   | 534231   | 1.26   | cps   |
| Strontium  | 88-1  | 4589358  | 4606192  | 4645714  | 4613754  | 0.63   | cps   |
| Sulfur     | 34-1  | 638388   | 636144   | 648661   | 641064   | 1.04   | cps   |
| Terbium    | 159-1 | 11128475 | 11287118 | 11332429 | 11249341 | 0.95   | cps   |
| Terbium    | 159-2 | 5399527  | 5471602  | 5508610  | 5459913  | 1.02   | cps   |
| Thallium   | 203-1 | 4226     | 4568     | 4376     | 4390     | 3.90   | cps   |
| Thallium   | 205-1 | 10271    | 11130    | 10738    | 10713    | 4.01   | cps   |
| Thorium    | 232-1 | 734845   | 730009   | 746221   | 737025   | 1.13   | cps   |
| Tin        | 118-1 | 18112    | 17487    | 16994    | 17531    | 3.20   | cps   |
| Titanium   | 47-1  | 284630   | 283646   | 280640   | 282972   | 0.73   | cps   |
| Uranium    | 238-1 | 105434   | 105121   | 106458   | 105671   | 0.66   | cps   |
| Vanadium   | 51-2  | 267190   | 266655   | 269183   | 267676   | 0.50   | cps   |
| Yttrium    | 89-1  | 11568607 | 11635989 | 11690257 | 11631618 | 0.52   | cps   |
| Yttrium    | 89-2  | 1524944  | 1521195  | 1533663  | 1526601  | 0.42   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-10            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS010-0006-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:34:53 | DataFile Name :   | 084SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 339362 | 341030 | 343209 | 341200  | 0.57   | cps   |
| Zirconium | 90-1 | 652973 | 658836 | 652761 | 654856  | 0.53   | cps   |
| Zirconium | 91-1 | 145861 | 148167 | 145651 | 146559  | 0.95   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-11            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS010-0612-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:38:29 | DataFile Name :   | 085SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 8531968   | 8505524   | 8451901   | 8496464   | 0.48   | cps   |
| Antimony   | 121-1 | 7444      | 7044      | 6927      | 7138      | 3.80   | cps   |
| Arsenic    | 75-2  | 10639     | 10593     | 10891     | 10708     | 1.50   | cps   |
| Barium     | 135-1 | 4973753   | 5015282   | 5071510   | 5020182   | 0.98   | cps   |
| Barium     | 137-1 | 8987252   | 9045338   | 9185082   | 9072557   | 1.12   | cps   |
| Beryllium  | 9-1   | 14518     | 15091     | 14624     | 14745     | 2.07   | cps   |
| Bismuth    | 209-1 | 7221933   | 7392546   | 7444119   | 7352866   | 1.58   | cps   |
| Bismuth    | 209-2 | 4230185   | 4277354   | 4255809   | 4254449   | 0.56   | cps   |
| Boron      | 10-1  | 6318      | 6402      | 6268      | 6329      | 1.06   | cps   |
| Boron      | 11-1  | 27776     | 28411     | 28119     | 28102     | 1.13   | cps   |
| Cadmium    | 111-1 | 11653     | 11661     | 11893     | 11736     | 1.16   | cps   |
| Cadmium    | 106-1 | 7027      | 7394      | 7394      | 7272      | 2.91   | cps   |
| Cadmium    | 108-1 | 1204      | 1113      | 1396      | 1238      | 11.68  | cps   |
| Calcium    | 43-1  | 1748888   | 1783319   | 1796994   | 1776400   | 1.40   | cps   |
| Calcium    | 44-1  | 28815260  | 29044674  | 29609075  | 29156336  | 1.40   | cps   |
| Chromium   | 52-2  | 234792    | 233943    | 233376    | 234037    | 0.30   | cps   |
| Cobalt     | 59-2  | 223029    | 223838    | 222553    | 223140    | 0.29   | cps   |
| Copper     | 63-2  | 704401    | 711453    | 708682    | 708178    | 0.50   | cps   |
| Dysprosium | 156-1 | 192424    | 198357    | 195930    | 195570    | 1.53   | cps   |
| Dysprosium | 156-2 | 103691    | 103217    | 104037    | 103648    | 0.40   | cps   |
| Erbium     | 164-1 | 179551    | 178900    | 180321    | 179591    | 0.40   | cps   |
| Erbium     | 164-2 | 92447     | 93974     | 93507     | 93309     | 0.84   | cps   |
| Gadolinium | 160-1 | 192030    | 190915    | 192713    | 191886    | 0.47   | cps   |
| Gadolinium | 160-2 | 112517    | 115145    | 113871    | 113844    | 1.15   | cps   |
| Holmium    | 165-1 | 10995902  | 11303834  | 11414480  | 11238072  | 1.93   | cps   |
| Holmium    | 165-2 | 5847308   | 5863185   | 5896880   | 5869124   | 0.43   | cps   |
| Indium     | 115-1 | 8369371   | 8623229   | 8752645   | 8581748   | 2.27   | cps   |
| Indium     | 115-2 | 1629309   | 1652571   | 1653668   | 1645183   | 0.84   | cps   |
| Iron       | 56-2  | 292774707 | 290872562 | 292120707 | 291922658 | 0.33   | cps   |
| Iron       | 57-2  | 7141193   | 7161460   | 7132133   | 7144928   | 0.21   | cps   |
| Krypton    | 83-1  | 597       | 667       | 653       | 639       | 5.82   | cps   |
| Lead       | 206-1 | 5027848   | 5030577   | 5032111   | 5030179   | 0.04   | cps   |
| Lead       | 207-1 | 4227756   | 4248194   | 4279195   | 4251715   | 0.61   | cps   |
| Lead       | 208-1 | 20116889  | 20146767  | 20328728  | 20197461  | 0.57   | cps   |
| Lithium    | 6-1   | 3617912   | 3695444   | 3719038   | 3677465   | 1.44   | cps   |
| Magnesium  | 24-2  | 4571804   | 4528277   | 4390608   | 4496896   | 2.10   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-11            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS010-0612-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:38:29 | DataFile Name :   | 085SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 9239372  | 9201183  | 9188694  | 9209750  | 0.29   | cps   |
| Molybdenum | 94-1  | 180114   | 180958   | 183057   | 181376   | 0.84   | cps   |
| Molybdenum | 95-1  | 30057    | 30901    | 31193    | 30717    | 1.92   | cps   |
| Molybdenum | 96-1  | 65334    | 65426    | 65820    | 65527    | 0.39   | cps   |
| Molybdenum | 97-1  | 17895    | 18580    | 18838    | 18438    | 2.64   | cps   |
| Molybdenum | 98-1  | 47422    | 46611    | 47798    | 47277    | 1.28   | cps   |
| Neodymium  | 150-1 | 207563   | 205854   | 211609   | 208342   | 1.42   | cps   |
| Neodymium  | 150-2 | 86452    | 84122    | 85637    | 85404    | 1.38   | cps   |
| Nickel     | 60-2  | 123985   | 124389   | 124997   | 124457   | 0.41   | cps   |
| Phosphorus | 31-2  | 24705    | 24229    | 24421    | 24451    | 0.98   | cps   |
| Potassium  | 39-2  | 838184   | 844391   | 840348   | 840974   | 0.37   | cps   |
| Rhodium    | 103-1 | 7426310  | 7640637  | 7772263  | 7613070  | 2.29   | cps   |
| Rhodium    | 103-2 | 3422320  | 3425704  | 3441338  | 3429787  | 0.30   | cps   |
| Scandium   | 45-1  | 6111958  | 6315676  | 6411250  | 6279628  | 2.43   | cps   |
| Scandium   | 45-2  | 243231   | 245066   | 243827   | 244041   | 0.38   | cps   |
| Selenium   | 77-2  | 483      | 433      | 493      | 470      | 6.84   | cps   |
| Selenium   | 78-2  | 548      | 539      | 539      | 542      | 0.99   | cps   |
| Selenium   | 82-1  | 1878     | 1835     | 1944     | 1886     | 2.93   | cps   |
| Silicon    | 28-1  | 68027374 | 68852202 | 70028787 | 68969454 | 1.46   | cps   |
| Silver     | 109-1 | 3284     | 3034     | 3559     | 3292     | 7.98   | cps   |
| Silver     | 107-1 | 3559     | 3884     | 3851     | 3765     | 4.75   | cps   |
| Sodium     | 23-2  | 417175   | 415990   | 412970   | 415378   | 0.52   | cps   |
| Strontium  | 86-1  | 915261   | 916975   | 924095   | 918777   | 0.51   | cps   |
| Strontium  | 88-1  | 8041515  | 8176718  | 8207205  | 8141813  | 1.08   | cps   |
| Sulfur     | 34-1  | 1273492  | 1291555  | 1288482  | 1284510  | 0.75   | cps   |
| Terbium    | 159-1 | 11206701 | 11470418 | 11598305 | 11425141 | 1.75   | cps   |
| Terbium    | 159-2 | 5662284  | 5727218  | 5772937  | 5720813  | 0.97   | cps   |
| Thallium   | 203-1 | 4709     | 4951     | 4776     | 4812     | 2.60   | cps   |
| Thallium   | 205-1 | 11889    | 11439    | 11789    | 11706    | 2.02   | cps   |
| Thorium    | 232-1 | 313808   | 313081   | 319546   | 315478   | 1.12   | cps   |
| Tin        | 118-1 | 33992    | 35086    | 34677    | 34585    | 1.60   | cps   |
| Titanium   | 47-1  | 318978   | 324756   | 326243   | 323325   | 1.19   | cps   |
| Uranium    | 238-1 | 123237   | 125191   | 124645   | 124357   | 0.81   | cps   |
| Vanadium   | 51-2  | 221318   | 221254   | 220055   | 220876   | 0.32   | cps   |
| Yttrium    | 89-1  | 11194197 | 11471867 | 11690817 | 11452293 | 2.17   | cps   |
| Yttrium    | 89-2  | 1536203  | 1541126  | 1544021  | 1540450  | 0.26   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-11            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS010-0612-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:38:29 | DataFile Name :   | 085SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 190586 | 191883 | 191231 | 191233  | 0.34   | cps   |
| Zirconium | 90-1 | 451776 | 454471 | 459656 | 455301  | 0.88   | cps   |
| Zirconium | 91-1 | 100149 | 101148 | 101441 | 100913  | 0.67   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-12            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS010-1218-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:42:06 | DataFile Name :   | 086SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 15886821  | 15812377  | 15857638  | 15852279  | 0.24   | cps   |
| Antimony   | 121-1 | 4468      | 4634      | 4418      | 4506      | 2.52   | cps   |
| Arsenic    | 75-2  | 24293     | 24767     | 23879     | 24313     | 1.83   | cps   |
| Barium     | 135-1 | 4862076   | 4887367   | 4864179   | 4871207   | 0.29   | cps   |
| Barium     | 137-1 | 8738416   | 8853547   | 8925057   | 8839006   | 1.07   | cps   |
| Beryllium  | 9-1   | 22645     | 22639     | 22756     | 22680     | 0.29   | cps   |
| Bismuth    | 209-1 | 7168609   | 7285218   | 7281397   | 7245075   | 0.91   | cps   |
| Bismuth    | 209-2 | 4013539   | 4119610   | 4049999   | 4061049   | 1.33   | cps   |
| Boron      | 10-1  | 8544      | 9003      | 8811      | 8786      | 2.62   | cps   |
| Boron      | 11-1  | 39979     | 41282     | 39109     | 40124     | 2.73   | cps   |
| Cadmium    | 111-1 | 10229     | 10350     | 10331     | 10304     | 0.63   | cps   |
| Cadmium    | 106-1 | 9178      | 8820      | 9487      | 9162      | 3.64   | cps   |
| Cadmium    | 108-1 | 1692      | 1696      | 1729      | 1706      | 1.20   | cps   |
| Calcium    | 43-1  | 817241    | 828630    | 818724    | 821532    | 0.75   | cps   |
| Calcium    | 44-1  | 13409247  | 13576539  | 13500645  | 13495477  | 0.62   | cps   |
| Chromium   | 52-2  | 507963    | 508679    | 509293    | 508645    | 0.13   | cps   |
| Cobalt     | 59-2  | 497263    | 501257    | 501136    | 499885    | 0.45   | cps   |
| Copper     | 63-2  | 1192549   | 1195872   | 1191505   | 1193309   | 0.19   | cps   |
| Dysprosium | 156-1 | 297599    | 300497    | 300772    | 299623    | 0.59   | cps   |
| Dysprosium | 156-2 | 155475    | 157193    | 156830    | 156499    | 0.58   | cps   |
| Erbium     | 164-1 | 285101    | 286106    | 281331    | 284179    | 0.89   | cps   |
| Erbium     | 164-2 | 142884    | 143673    | 142440    | 142999    | 0.44   | cps   |
| Gadolinium | 160-1 | 294511    | 295823    | 292818    | 294384    | 0.51   | cps   |
| Gadolinium | 160-2 | 169239    | 170303    | 167495    | 169012    | 0.84   | cps   |
| Holmium    | 165-1 | 11184411  | 11443047  | 11329666  | 11319042  | 1.15   | cps   |
| Holmium    | 165-2 | 5693090   | 5844319   | 5770401   | 5769270   | 1.31   | cps   |
| Indium     | 115-1 | 8447523   | 8579062   | 8583156   | 8536580   | 0.90   | cps   |
| Indium     | 115-2 | 1572010   | 1604563   | 1585690   | 1587421   | 1.03   | cps   |
| Iron       | 56-2  | 753098995 | 756006572 | 758749839 | 755951802 | 0.37   | cps   |
| Iron       | 57-2  | 18514507  | 18521643  | 18484130  | 18506760  | 0.11   | cps   |
| Krypton    | 83-1  | 757       | 820       | 750       | 776       | 4.98   | cps   |
| Lead       | 206-1 | 16723079  | 16998094  | 17020148  | 16913773  | 0.98   | cps   |
| Lead       | 207-1 | 14173437  | 14400579  | 14462982  | 14345666  | 1.06   | cps   |
| Lead       | 208-1 | 65647083  | 66717394  | 66590400  | 66318292  | 0.88   | cps   |
| Lithium    | 6-1   | 3793212   | 3962572   | 3970074   | 3908619   | 2.56   | cps   |
| Magnesium  | 24-2  | 12984567  | 12886357  | 13000262  | 12957062  | 0.48   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-12            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS010-1218-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:42:06 | DataFile Name :   | 086SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Manganese  | 55-2  | 20032698  | 20026737  | 20039645  | 20033027  | 0.03   | cps   |
| Molybdenum | 94-1  | 359272    | 364403    | 359956    | 361210    | 0.77   | cps   |
| Molybdenum | 95-1  | 34175     | 35286     | 34543     | 34668     | 1.63   | cps   |
| Molybdenum | 96-1  | 108217    | 107998    | 110207    | 108808    | 1.12   | cps   |
| Molybdenum | 97-1  | 20490     | 22127     | 21100     | 21239     | 3.89   | cps   |
| Molybdenum | 98-1  | 52891     | 54999     | 53986     | 53959     | 1.95   | cps   |
| Neodymium  | 150-1 | 315625    | 320124    | 320473    | 318741    | 0.85   | cps   |
| Neodymium  | 150-2 | 128372    | 129441    | 128560    | 128791    | 0.44   | cps   |
| Nickel     | 60-2  | 262919    | 264892    | 262967    | 263593    | 0.43   | cps   |
| Phosphorus | 31-2  | 26758     | 26658     | 26357     | 26591     | 0.78   | cps   |
| Potassium  | 39-2  | 1474445   | 1489377   | 1481981   | 1481935   | 0.50   | cps   |
| Rhodium    | 103-1 | 7373774   | 7554696   | 7543509   | 7490660   | 1.35   | cps   |
| Rhodium    | 103-2 | 3257803   | 3324428   | 3282039   | 3288090   | 1.03   | cps   |
| Scandium   | 45-1  | 6786673   | 6848921   | 6873753   | 6836449   | 0.66   | cps   |
| Scandium   | 45-2  | 257568    | 262003    | 258428    | 259333    | 0.91   | cps   |
| Selenium   | 77-2  | 627       | 597       | 607       | 610       | 2.50   | cps   |
| Selenium   | 78-2  | 530       | 569       | 539       | 546       | 3.72   | cps   |
| Selenium   | 82-1  | 1089      | 980       | 1190      | 1086      | 9.65   | cps   |
| Silicon    | 28-1  | 104531036 | 106308065 | 105802336 | 105547145 | 0.87   | cps   |
| Silver     | 109-1 | 6769      | 6819      | 6752      | 6780      | 0.51   | cps   |
| Silver     | 107-1 | 8336      | 8053      | 7961      | 8117      | 2.41   | cps   |
| Sodium     | 23-2  | 320659    | 319266    | 321590    | 320505    | 0.36   | cps   |
| Strontium  | 86-1  | 456003    | 457097    | 451556    | 454885    | 0.65   | cps   |
| Strontium  | 88-1  | 3907812   | 3936586   | 3902821   | 3915740   | 0.47   | cps   |
| Sulfur     | 34-1  | 605751    | 608714    | 610857    | 608441    | 0.42   | cps   |
| Terbium    | 159-1 | 11339164  | 11571925  | 11566098  | 11492396  | 1.15   | cps   |
| Terbium    | 159-2 | 5556852   | 5678898   | 5583825   | 5606525   | 1.14   | cps   |
| Thallium   | 203-1 | 6360      | 7194      | 6719      | 6758      | 6.19   | cps   |
| Thallium   | 205-1 | 15760     | 16010     | 15418     | 15729     | 1.89   | cps   |
| Thorium    | 232-1 | 1080577   | 1095540   | 1095873   | 1090663   | 0.80   | cps   |
| Tin        | 118-1 | 20282     | 20741     | 18997     | 20007     | 4.52   | cps   |
| Titanium   | 47-1  | 334077    | 331134    | 329927    | 331713    | 0.64   | cps   |
| Uranium    | 238-1 | 145070    | 147013    | 147183    | 146422    | 0.80   | cps   |
| Vanadium   | 51-2  | 393776    | 392494    | 399049    | 395106    | 0.88   | cps   |
| Yttrium    | 89-1  | 12394145  | 12659323  | 12541052  | 12531507  | 1.06   | cps   |
| Yttrium    | 89-2  | 1634029   | 1663690   | 1650940   | 1649553   | 0.90   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-12            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS010-1218-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:42:06 | DataFile Name :   | 086SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 454389 | 454090 | 458254 | 455578  | 0.51   | cps   |
| Zirconium | 90-1 | 926859 | 941527 | 938366 | 935584  | 0.83   | cps   |
| Zirconium | 91-1 | 205397 | 211008 | 209838 | 208748  | 1.42   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-13            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS010-1824-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:45:43 | DataFile Name :   | 087SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 15074135  | 15168955  | 15095456  | 15112848  | 0.33   | cps   |
| Antimony   | 121-1 | 4368      | 4559      | 4701      | 4543      | 3.68   | cps   |
| Arsenic    | 75-2  | 22690     | 23124     | 22916     | 22910     | 0.95   | cps   |
| Barium     | 135-1 | 4517523   | 4549278   | 4555999   | 4540934   | 0.45   | cps   |
| Barium     | 137-1 | 8186048   | 8183337   | 8281015   | 8216800   | 0.68   | cps   |
| Beryllium  | 9-1   | 23074     | 23279     | 22768     | 23040     | 1.12   | cps   |
| Bismuth    | 209-1 | 6940809   | 7034965   | 7048940   | 7008238   | 0.84   | cps   |
| Bismuth    | 209-2 | 3921163   | 3982693   | 3942253   | 3948703   | 0.79   | cps   |
| Boron      | 10-1  | 7794      | 8403      | 8052      | 8083      | 3.78   | cps   |
| Boron      | 11-1  | 35509     | 35233     | 37121     | 35955     | 2.84   | cps   |
| Cadmium    | 111-1 | 9008      | 9729      | 9433      | 9390      | 3.86   | cps   |
| Cadmium    | 106-1 | 8078      | 8970      | 8887      | 8645      | 5.70   | cps   |
| Cadmium    | 108-1 | 1746      | 1638      | 1608      | 1664      | 4.35   | cps   |
| Calcium    | 43-1  | 689351    | 685420    | 693175    | 689315    | 0.56   | cps   |
| Calcium    | 44-1  | 11394012  | 11374535  | 11493935  | 11420827  | 0.56   | cps   |
| Chromium   | 52-2  | 742744    | 751822    | 751053    | 748540    | 0.67   | cps   |
| Cobalt     | 59-2  | 489391    | 491274    | 489882    | 490183    | 0.20   | cps   |
| Copper     | 63-2  | 1123521   | 1125717   | 1118962   | 1122733   | 0.31   | cps   |
| Dysprosium | 156-1 | 337512    | 339233    | 335799    | 337515    | 0.51   | cps   |
| Dysprosium | 156-2 | 173446    | 175688    | 175042    | 174725    | 0.66   | cps   |
| Erbium     | 164-1 | 315758    | 310982    | 311434    | 312725    | 0.84   | cps   |
| Erbium     | 164-2 | 159871    | 160991    | 160193    | 160352    | 0.36   | cps   |
| Gadolinium | 160-1 | 335393    | 335160    | 336194    | 335583    | 0.16   | cps   |
| Gadolinium | 160-2 | 189739    | 189851    | 191702    | 190431    | 0.58   | cps   |
| Holmium    | 165-1 | 10845048  | 11019001  | 11011597  | 10958549  | 0.90   | cps   |
| Holmium    | 165-2 | 5553402   | 5650274   | 5574814   | 5592830   | 0.91   | cps   |
| Indium     | 115-1 | 8083263   | 8276240   | 8280729   | 8213411   | 1.37   | cps   |
| Indium     | 115-2 | 1526211   | 1551606   | 1525006   | 1534275   | 0.98   | cps   |
| Iron       | 56-2  | 715724883 | 718090083 | 714041527 | 715952164 | 0.28   | cps   |
| Iron       | 57-2  | 17471818  | 17531247  | 17417047  | 17473371  | 0.33   | cps   |
| Krypton    | 83-1  | 793       | 757       | 703       | 751       | 6.03   | cps   |
| Lead       | 206-1 | 12309767  | 12318659  | 12221652  | 12283359  | 0.44   | cps   |
| Lead       | 207-1 | 10401927  | 10485423  | 10412415  | 10433255  | 0.44   | cps   |
| Lead       | 208-1 | 48196724  | 48335459  | 48153286  | 48228489  | 0.20   | cps   |
| Lithium    | 6-1   | 3685061   | 3808111   | 3737081   | 3743418   | 1.65   | cps   |
| Magnesium  | 24-2  | 12293723  | 12371174  | 12333933  | 12332943  | 0.31   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-13            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS010-1824-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:45:43 | DataFile Name :   | 087SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Manganese  | 55-2  | 19060540  | 18969753  | 18892420  | 18974238  | 0.44   | cps   |
| Molybdenum | 94-1  | 344482    | 352402    | 347370    | 348085    | 1.15   | cps   |
| Molybdenum | 95-1  | 40057     | 42180     | 40291     | 40843     | 2.85   | cps   |
| Molybdenum | 96-1  | 111474    | 111064    | 113129    | 111889    | 0.98   | cps   |
| Molybdenum | 97-1  | 24889     | 25474     | 24572     | 24978     | 1.83   | cps   |
| Molybdenum | 98-1  | 64438     | 63961     | 64287     | 64229     | 0.38   | cps   |
| Neodymium  | 150-1 | 367003    | 363202    | 358957    | 363054    | 1.11   | cps   |
| Neodymium  | 150-2 | 145397    | 146769    | 145384    | 145850    | 0.55   | cps   |
| Nickel     | 60-2  | 298504    | 301070    | 301661    | 300412    | 0.56   | cps   |
| Phosphorus | 31-2  | 28002     | 28495     | 28303     | 28267     | 0.88   | cps   |
| Potassium  | 39-2  | 1354283   | 1365896   | 1357231   | 1359136   | 0.44   | cps   |
| Rhodium    | 103-1 | 7111507   | 7247699   | 7280236   | 7213147   | 1.24   | cps   |
| Rhodium    | 103-2 | 3160212   | 3234506   | 3162231   | 3185650   | 1.33   | cps   |
| Scandium   | 45-1  | 6563777   | 6604533   | 6676596   | 6614969   | 0.86   | cps   |
| Scandium   | 45-2  | 250411    | 252023    | 251011    | 251148    | 0.32   | cps   |
| Selenium   | 77-2  | 637       | 737       | 677       | 683       | 7.37   | cps   |
| Selenium   | 78-2  | 583       | 607       | 589       | 593       | 2.13   | cps   |
| Selenium   | 82-1  | 1125      | 1121      | 1140      | 1129      | 0.87   | cps   |
| Silicon    | 28-1  | 134154774 | 134622011 | 135095736 | 134624174 | 0.35   | cps   |
| Silver     | 109-1 | 8611      | 8603      | 8853      | 8689      | 1.64   | cps   |
| Silver     | 107-1 | 9554      | 9562      | 9804      | 9640      | 1.47   | cps   |
| Sodium     | 23-2  | 364175    | 362148    | 363618    | 363314    | 0.29   | cps   |
| Strontium  | 86-1  | 371829    | 372101    | 367557    | 370496    | 0.69   | cps   |
| Strontium  | 88-1  | 3209492   | 3195569   | 3190265   | 3198442   | 0.31   | cps   |
| Sulfur     | 34-1  | 561883    | 563157    | 562584    | 562541    | 0.11   | cps   |
| Terbium    | 159-1 | 11077940  | 11193412  | 11254936  | 11175429  | 0.80   | cps   |
| Terbium    | 159-2 | 5387016   | 5408433   | 5434101   | 5409850   | 0.44   | cps   |
| Thallium   | 203-1 | 6510      | 6602      | 6702      | 6605      | 1.45   | cps   |
| Thallium   | 205-1 | 17078     | 15768     | 15401     | 16083     | 5.48   | cps   |
| Thorium    | 232-1 | 1075696   | 1068537   | 1066150   | 1070128   | 0.46   | cps   |
| Tin        | 118-1 | 22828     | 22268     | 22569     | 22555     | 1.24   | cps   |
| Titanium   | 47-1  | 423943    | 421617    | 425100    | 423553    | 0.42   | cps   |
| Uranium    | 238-1 | 147866    | 149011    | 146366    | 147748    | 0.90   | cps   |
| Vanadium   | 51-2  | 387047    | 387684    | 388548    | 387760    | 0.19   | cps   |
| Yttrium    | 89-1  | 12568454  | 12613865  | 12711552  | 12631290  | 0.58   | cps   |
| Yttrium    | 89-2  | 1658185   | 1689895   | 1664527   | 1670869   | 1.00   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-13            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS010-1824-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:45:43 | DataFile Name :   | 087SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 393126 | 395466 | 392866 | 393819  | 0.36   | cps   |
| Zirconium | 90-1 | 883024 | 880738 | 879515 | 881092  | 0.20   | cps   |
| Zirconium | 91-1 | 197722 | 198576 | 195922 | 197407  | 0.69   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-14            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS011-0006-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:49:21 | DataFile Name :   | 088SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 11976924  | 12141037  | 12046884  | 12054949  | 0.68   | cps   |
| Antimony   | 121-1 | 4134      | 3851      | 3859      | 3948      | 4.09   | cps   |
| Arsenic    | 75-2  | 13061     | 13377     | 13134     | 13191     | 1.25   | cps   |
| Barium     | 135-1 | 3757271   | 3778796   | 3799238   | 3778435   | 0.56   | cps   |
| Barium     | 137-1 | 6771743   | 6840166   | 6884057   | 6831989   | 0.83   | cps   |
| Beryllium  | 9-1   | 19630     | 18984     | 19591     | 19402     | 1.86   | cps   |
| Bismuth    | 209-1 | 7202556   | 7265674   | 6900496   | 7122908   | 2.74   | cps   |
| Bismuth    | 209-2 | 3899759   | 3965076   | 4034521   | 3966452   | 1.70   | cps   |
| Boron      | 10-1  | 7010      | 7269      | 7135      | 7138      | 1.81   | cps   |
| Boron      | 11-1  | 30415     | 31525     | 30966     | 30969     | 1.79   | cps   |
| Cadmium    | 111-1 | 6881      | 7154      | 6987      | 7007      | 1.97   | cps   |
| Cadmium    | 106-1 | 6327      | 6568      | 6118      | 6338      | 3.55   | cps   |
| Cadmium    | 108-1 | 825       | 867       | 750       | 814       | 7.26   | cps   |
| Calcium    | 43-1  | 481923    | 483661    | 482264    | 482616    | 0.19   | cps   |
| Calcium    | 44-1  | 7883190   | 7950734   | 8010596   | 7948174   | 0.80   | cps   |
| Chromium   | 52-2  | 310478    | 314945    | 313795    | 313073    | 0.74   | cps   |
| Cobalt     | 59-2  | 396163    | 404377    | 403340    | 401294    | 1.11   | cps   |
| Copper     | 63-2  | 470522    | 478994    | 476455    | 475324    | 0.91   | cps   |
| Dysprosium | 156-1 | 195052    | 191072    | 197088    | 194404    | 1.57   | cps   |
| Dysprosium | 156-2 | 96680     | 98332     | 99409     | 98141     | 1.40   | cps   |
| Erbium     | 164-1 | 171980    | 170394    | 173128    | 171834    | 0.80   | cps   |
| Erbium     | 164-2 | 86371     | 87944     | 87273     | 87196     | 0.91   | cps   |
| Gadolinium | 160-1 | 179884    | 180080    | 181928    | 180631    | 0.62   | cps   |
| Gadolinium | 160-2 | 101939    | 103379    | 101519    | 102279    | 0.95   | cps   |
| Holmium    | 165-1 | 11059300  | 11089611  | 10665730  | 10938214  | 2.16   | cps   |
| Holmium    | 165-2 | 5422895   | 5524333   | 5584861   | 5510696   | 1.49   | cps   |
| Indium     | 115-1 | 8318782   | 8504390   | 8024410   | 8282527   | 2.92   | cps   |
| Indium     | 115-2 | 1513629   | 1533782   | 1547429   | 1531613   | 1.11   | cps   |
| Iron       | 56-2  | 518451512 | 523014301 | 519702567 | 520389460 | 0.45   | cps   |
| Iron       | 57-2  | 12653873  | 12771063  | 12717999  | 12714312  | 0.46   | cps   |
| Krypton    | 83-1  | 567       | 610       | 697       | 624       | 10.60  | cps   |
| Lead       | 206-1 | 2761900   | 2763191   | 2775861   | 2766984   | 0.28   | cps   |
| Lead       | 207-1 | 2328723   | 2346853   | 2344712   | 2340096   | 0.42   | cps   |
| Lead       | 208-1 | 10842781  | 10908157  | 10931620  | 10894186  | 0.42   | cps   |
| Lithium    | 6-1   | 3694691   | 3726072   | 3602108   | 3674290   | 1.75   | cps   |
| Magnesium  | 24-2  | 7746786   | 7859347   | 7776131   | 7794088   | 0.75   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-14            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS011-0006-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:49:21 | DataFile Name :   | 088SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Manganese  | 55-2  | 22679994  | 23046797  | 22800266  | 22842352  | 0.82   | cps   |
| Molybdenum | 94-1  | 169485    | 171347    | 170024    | 170286    | 0.56   | cps   |
| Molybdenum | 95-1  | 18438     | 18504     | 18296     | 18413     | 0.58   | cps   |
| Molybdenum | 96-1  | 54505     | 54798     | 55936     | 55079     | 1.37   | cps   |
| Molybdenum | 97-1  | 10513     | 10496     | 10746     | 10585     | 1.32   | cps   |
| Molybdenum | 98-1  | 27578     | 27352     | 27995     | 27642     | 1.18   | cps   |
| Neodymium  | 150-1 | 213911    | 212961    | 217160    | 214677    | 1.03   | cps   |
| Neodymium  | 150-2 | 85564     | 85506     | 85356     | 85475     | 0.13   | cps   |
| Nickel     | 60-2  | 179764    | 180131    | 182591    | 180828    | 0.85   | cps   |
| Phosphorus | 31-2  | 25005     | 25665     | 24772     | 25147     | 1.84   | cps   |
| Potassium  | 39-2  | 734288    | 747043    | 739623    | 740318    | 0.87   | cps   |
| Rhodium    | 103-1 | 7345992   | 7432471   | 7108864   | 7295776   | 2.30   | cps   |
| Rhodium    | 103-2 | 3169129   | 3190571   | 3236214   | 3198638   | 1.07   | cps   |
| Scandium   | 45-1  | 6281356   | 6355967   | 6059737   | 6232353   | 2.47   | cps   |
| Scandium   | 45-2  | 231391    | 234266    | 233772    | 233143    | 0.66   | cps   |
| Selenium   | 77-2  | 400       | 407       | 413       | 407       | 1.64   | cps   |
| Selenium   | 78-2  | 363       | 374       | 402       | 380       | 5.28   | cps   |
| Selenium   | 82-1  | 814       | 758       | 656       | 743       | 10.73  | cps   |
| Silicon    | 28-1  | 125550824 | 126569103 | 127786232 | 126635386 | 0.88   | cps   |
| Silver     | 109-1 | 3859      | 3326      | 4126      | 3770      | 10.81  | cps   |
| Silver     | 107-1 | 4167      | 4309      | 4142      | 4206      | 2.14   | cps   |
| Sodium     | 23-2  | 278040    | 275942    | 278677    | 277553    | 0.52   | cps   |
| Strontium  | 86-1  | 343147    | 345624    | 353087    | 347286    | 1.49   | cps   |
| Strontium  | 88-1  | 2993698   | 2985160   | 3017071   | 2998643   | 0.55   | cps   |
| Sulfur     | 34-1  | 451664    | 461814    | 461337    | 458272    | 1.25   | cps   |
| Terbium    | 159-1 | 11242146  | 11395453  | 10861028  | 11166209  | 2.46   | cps   |
| Terbium    | 159-2 | 5270913   | 5389071   | 5473225   | 5377736   | 1.89   | cps   |
| Thallium   | 203-1 | 7502      | 7427      | 7319      | 7416      | 1.24   | cps   |
| Thallium   | 205-1 | 18096     | 17520     | 17429     | 17682     | 2.05   | cps   |
| Thorium    | 232-1 | 532932    | 535803    | 539394    | 536043    | 0.60   | cps   |
| Tin        | 118-1 | 8720      | 8311      | 8161      | 8397      | 3.44   | cps   |
| Titanium   | 47-1  | 224491    | 227526    | 228164    | 226727    | 0.87   | cps   |
| Uranium    | 238-1 | 97229     | 94702     | 96365     | 96098     | 1.34   | cps   |
| Vanadium   | 51-2  | 334978    | 339375    | 338164    | 337506    | 0.67   | cps   |
| Yttrium    | 89-1  | 11069079  | 11227985  | 10758701  | 11018588  | 2.17   | cps   |
| Yttrium    | 89-2  | 1420095   | 1433098   | 1440550   | 1431248   | 0.72   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-14            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS011-0006-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:49:21 | DataFile Name :   | 088SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 246669 | 248970 | 246776 | 247472  | 0.52   | cps   |
| Zirconium | 90-1 | 435171 | 437580 | 437074 | 436608  | 0.29   | cps   |
| Zirconium | 91-1 | 97564  | 98353  | 99361  | 98426   | 0.92   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-15            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS011-0612-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:53:00 | DataFile Name :   | 089SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 13047182  | 13126102  | 13168555  | 13113946  | 0.47   | cps   |
| Antimony   | 121-1 | 3125      | 2975      | 3025      | 3042      | 2.51   | cps   |
| Arsenic    | 75-2  | 13740     | 13786     | 14098     | 13875     | 1.40   | cps   |
| Barium     | 135-1 | 2794640   | 2777019   | 2785244   | 2785634   | 0.32   | cps   |
| Barium     | 137-1 | 4899673   | 4946568   | 4913660   | 4919967   | 0.49   | cps   |
| Beryllium  | 9-1   | 17627     | 17944     | 18656     | 18076     | 2.92   | cps   |
| Bismuth    | 209-1 | 6921826   | 7020330   | 6955552   | 6965903   | 0.72   | cps   |
| Bismuth    | 209-2 | 3864511   | 3881868   | 3873906   | 3873428   | 0.22   | cps   |
| Boron      | 10-1  | 6535      | 6502      | 6477      | 6504      | 0.45   | cps   |
| Boron      | 11-1  | 28428     | 29204     | 28887     | 28840     | 1.35   | cps   |
| Cadmium    | 111-1 | 6189      | 6037      | 6038      | 6088      | 1.44   | cps   |
| Cadmium    | 106-1 | 6560      | 6243      | 6443      | 6416      | 2.50   | cps   |
| Cadmium    | 108-1 | 796       | 721       | 829       | 782       | 7.10   | cps   |
| Calcium    | 43-1  | 188644    | 186248    | 185508    | 186800    | 0.88   | cps   |
| Calcium    | 44-1  | 3058145   | 3069532   | 3042152   | 3056610   | 0.45   | cps   |
| Chromium   | 52-2  | 334792    | 334875    | 334029    | 334566    | 0.14   | cps   |
| Cobalt     | 59-2  | 366988    | 368367    | 368651    | 368002    | 0.24   | cps   |
| Copper     | 63-2  | 455599    | 459633    | 461459    | 458897    | 0.65   | cps   |
| Dysprosium | 156-1 | 227419    | 227070    | 227210    | 227233    | 0.08   | cps   |
| Dysprosium | 156-2 | 115000    | 116214    | 116039    | 115751    | 0.57   | cps   |
| Erbium     | 164-1 | 202010    | 201333    | 197402    | 200248    | 1.24   | cps   |
| Erbium     | 164-2 | 100506    | 103395    | 100926    | 101609    | 1.54   | cps   |
| Gadolinium | 160-1 | 209395    | 210860    | 211512    | 210589    | 0.51   | cps   |
| Gadolinium | 160-2 | 120819    | 120796    | 121038    | 120884    | 0.11   | cps   |
| Holmium    | 165-1 | 10634052  | 10720922  | 10749910  | 10701628  | 0.56   | cps   |
| Holmium    | 165-2 | 5392939   | 5467506   | 5382295   | 5414247   | 0.86   | cps   |
| Indium     | 115-1 | 8061391   | 8189912   | 8150837   | 8134047   | 0.81   | cps   |
| Indium     | 115-2 | 1491715   | 1499966   | 1508483   | 1500055   | 0.56   | cps   |
| Iron       | 56-2  | 528846956 | 530724901 | 533462479 | 531011445 | 0.44   | cps   |
| Iron       | 57-2  | 12932225  | 13049025  | 13006689  | 12995980  | 0.45   | cps   |
| Krypton    | 83-1  | 630       | 593       | 603       | 609       | 3.11   | cps   |
| Lead       | 206-1 | 2950439   | 2948458   | 2956935   | 2951944   | 0.15   | cps   |
| Lead       | 207-1 | 2477482   | 2495435   | 2488526   | 2487147   | 0.36   | cps   |
| Lead       | 208-1 | 11570920  | 11586896  | 11578722  | 11578846  | 0.07   | cps   |
| Lithium    | 6-1   | 3600193   | 3630898   | 3603720   | 3611604   | 0.47   | cps   |
| Magnesium  | 24-2  | 8663902   | 8714125   | 8722587   | 8700205   | 0.36   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-15            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS011-0612-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:53:00 | DataFile Name :   | 089SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Manganese  | 55-2  | 13319290  | 13424132  | 13443171  | 13395531  | 0.50   | cps   |
| Molybdenum | 94-1  | 172115    | 169765    | 169233    | 170371    | 0.90   | cps   |
| Molybdenum | 95-1  | 18379     | 18229     | 17787     | 18132     | 1.70   | cps   |
| Molybdenum | 96-1  | 56153     | 55936     | 56446     | 56178     | 0.46   | cps   |
| Molybdenum | 97-1  | 11338     | 10738     | 11088     | 11055     | 2.73   | cps   |
| Molybdenum | 98-1  | 27202     | 27936     | 28045     | 27728     | 1.65   | cps   |
| Neodymium  | 150-1 | 262112    | 260932    | 259773    | 260939    | 0.45   | cps   |
| Neodymium  | 150-2 | 102786    | 105134    | 105345    | 104421    | 1.36   | cps   |
| Nickel     | 60-2  | 184764    | 187761    | 185629    | 186051    | 0.83   | cps   |
| Phosphorus | 31-2  | 18245     | 18454     | 18053     | 18251     | 1.10   | cps   |
| Potassium  | 39-2  | 744086    | 741573    | 746314    | 743991    | 0.32   | cps   |
| Rhodium    | 103-1 | 7112252   | 7142784   | 7153819   | 7136285   | 0.30   | cps   |
| Rhodium    | 103-2 | 3117657   | 3138250   | 3131414   | 3129107   | 0.34   | cps   |
| Scandium   | 45-1  | 6156667   | 6200398   | 6171117   | 6176061   | 0.36   | cps   |
| Scandium   | 45-2  | 228583    | 232258    | 233491    | 231444    | 1.10   | cps   |
| Selenium   | 77-2  | 457       | 410       | 477       | 448       | 7.64   | cps   |
| Selenium   | 78-2  | 420       | 402       | 461       | 428       | 7.09   | cps   |
| Selenium   | 82-1  | 844       | 905       | 830       | 860       | 4.66   | cps   |
| Silicon    | 28-1  | 125396236 | 124772778 | 123896965 | 124688660 | 0.60   | cps   |
| Silver     | 109-1 | 3792      | 3951      | 3909      | 3884      | 2.11   | cps   |
| Silver     | 107-1 | 4701      | 4926      | 4809      | 4812      | 2.34   | cps   |
| Sodium     | 23-2  | 300207    | 304642    | 300682    | 301844    | 0.81   | cps   |
| Strontium  | 86-1  | 167289    | 168738    | 166267    | 167431    | 0.74   | cps   |
| Strontium  | 88-1  | 1454535   | 1452205   | 1436908   | 1447883   | 0.66   | cps   |
| Sulfur     | 34-1  | 383892    | 378684    | 380577    | 381051    | 0.69   | cps   |
| Terbium    | 159-1 | 10850930  | 10940501  | 10946072  | 10912501  | 0.49   | cps   |
| Terbium    | 159-2 | 5240472   | 5319050   | 5283193   | 5280905   | 0.74   | cps   |
| Thallium   | 203-1 | 8169      | 8253      | 8161      | 8195      | 0.62   | cps   |
| Thallium   | 205-1 | 20241     | 20408     | 20441     | 20364     | 0.53   | cps   |
| Thorium    | 232-1 | 719507    | 722259    | 718979    | 720248    | 0.24   | cps   |
| Tin        | 118-1 | 9670      | 10037     | 10379     | 10029     | 3.53   | cps   |
| Titanium   | 47-1  | 265280    | 267475    | 268485    | 267080    | 0.61   | cps   |
| Uranium    | 238-1 | 107172    | 108172    | 107544    | 107629    | 0.47   | cps   |
| Vanadium   | 51-2  | 348756    | 349681    | 351420    | 349952    | 0.39   | cps   |
| Yttrium    | 89-1  | 11146225  | 11193777  | 11146359  | 11162120  | 0.25   | cps   |
| Yttrium    | 89-2  | 1451833   | 1457200   | 1463657   | 1457563   | 0.41   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-15            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS011-0612-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:53:00 | DataFile Name :   | 089SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 255002 | 255622 | 257039 | 255888  | 0.41   | cps   |
| Zirconium | 90-1 | 437298 | 436304 | 438380 | 437327  | 0.24   | cps   |
| Zirconium | 91-1 | 95433  | 98311  | 99712  | 97819   | 2.23   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-16            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS011-1218-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:56:39 | DataFile Name :   | 090SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 13378452  | 13270544  | 13293076  | 13314024  | 0.43   | cps   |
| Antimony   | 121-1 | 2684      | 2675      | 2817      | 2725      | 2.92   | cps   |
| Arsenic    | 75-2  | 15353     | 15538     | 15571     | 15487     | 0.76   | cps   |
| Barium     | 135-1 | 2118981   | 2119909   | 2134093   | 2124327   | 0.40   | cps   |
| Barium     | 137-1 | 3726800   | 3719396   | 3734189   | 3726795   | 0.20   | cps   |
| Beryllium  | 9-1   | 16815     | 16454     | 15987     | 16418     | 2.53   | cps   |
| Bismuth    | 209-1 | 6979705   | 7080993   | 7009488   | 7023395   | 0.74   | cps   |
| Bismuth    | 209-2 | 3932301   | 3944715   | 3962716   | 3946577   | 0.39   | cps   |
| Boron      | 10-1  | 5893      | 6077      | 5626      | 5865      | 3.86   | cps   |
| Boron      | 11-1  | 25197     | 25547     | 25222     | 25322     | 0.77   | cps   |
| Cadmium    | 111-1 | 4717      | 4490      | 4922      | 4710      | 4.59   | cps   |
| Cadmium    | 106-1 | 5743      | 5543      | 5968      | 5751      | 3.70   | cps   |
| Cadmium    | 108-1 | 642       | 629       | 592       | 621       | 4.19   | cps   |
| Calcium    | 43-1  | 119824    | 121159    | 120632    | 120539    | 0.56   | cps   |
| Calcium    | 44-1  | 1937275   | 1951557   | 1943539   | 1944124   | 0.37   | cps   |
| Chromium   | 52-2  | 340713    | 339074    | 341452    | 340413    | 0.36   | cps   |
| Cobalt     | 59-2  | 302442    | 303561    | 304999    | 303667    | 0.42   | cps   |
| Copper     | 63-2  | 401690    | 399564    | 401575    | 400943    | 0.30   | cps   |
| Dysprosium | 156-1 | 181366    | 176052    | 177838    | 178419    | 1.52   | cps   |
| Dysprosium | 156-2 | 90167     | 89949     | 90563     | 90226     | 0.34   | cps   |
| Erbium     | 164-1 | 153580    | 155924    | 151060    | 153521    | 1.58   | cps   |
| Erbium     | 164-2 | 75447     | 77733     | 77709     | 76963     | 1.71   | cps   |
| Gadolinium | 160-1 | 160194    | 160347    | 159723    | 160088    | 0.20   | cps   |
| Gadolinium | 160-2 | 90163     | 90962     | 90667     | 90597     | 0.45   | cps   |
| Holmium    | 165-1 | 10738158  | 10802931  | 10694783  | 10745291  | 0.51   | cps   |
| Holmium    | 165-2 | 5405503   | 5462383   | 5491939   | 5453275   | 0.81   | cps   |
| Indium     | 115-1 | 8110504   | 8171108   | 8153400   | 8145004   | 0.38   | cps   |
| Indium     | 115-2 | 1515504   | 1524666   | 1523811   | 1521327   | 0.33   | cps   |
| Iron       | 56-2  | 552809690 | 551616679 | 552738835 | 552388401 | 0.12   | cps   |
| Iron       | 57-2  | 13438295  | 13430865  | 13471353  | 13446838  | 0.16   | cps   |
| Krypton    | 83-1  | 533       | 620       | 567       | 573       | 7.63   | cps   |
| Lead       | 206-1 | 2359040   | 2353611   | 2336251   | 2349634   | 0.51   | cps   |
| Lead       | 207-1 | 1989472   | 1972891   | 1968632   | 1976998   | 0.56   | cps   |
| Lead       | 208-1 | 9253753   | 9225857   | 9135870   | 9205160   | 0.67   | cps   |
| Lithium    | 6-1   | 3594652   | 3595663   | 3585237   | 3591851   | 0.16   | cps   |
| Magnesium  | 24-2  | 9033429   | 8923827   | 8964292   | 8973849   | 0.62   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-16            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS011-1218-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:56:39 | DataFile Name :   | 090SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Manganese  | 55-2  | 9004546   | 9005635   | 8986521   | 8998901   | 0.12   | cps   |
| Molybdenum | 94-1  | 136588    | 134056    | 133670    | 134771    | 1.18   | cps   |
| Molybdenum | 95-1  | 16301     | 15926     | 15509     | 15912     | 2.49   | cps   |
| Molybdenum | 96-1  | 48776     | 50323     | 48491     | 49197     | 2.00   | cps   |
| Molybdenum | 97-1  | 9587      | 9487      | 9512      | 9529      | 0.55   | cps   |
| Molybdenum | 98-1  | 24881     | 24179     | 23679     | 24246     | 2.49   | cps   |
| Neodymium  | 150-1 | 207270    | 205562    | 204510    | 205781    | 0.68   | cps   |
| Neodymium  | 150-2 | 83186     | 83212     | 83659     | 83352     | 0.32   | cps   |
| Nickel     | 60-2  | 172845    | 174976    | 173840    | 173887    | 0.61   | cps   |
| Phosphorus | 31-2  | 19455     | 19780     | 19422     | 19552     | 1.01   | cps   |
| Potassium  | 39-2  | 635371    | 641625    | 638868    | 638621    | 0.49   | cps   |
| Rhodium    | 103-1 | 7181161   | 7197192   | 7200424   | 7192926   | 0.14   | cps   |
| Rhodium    | 103-2 | 3154064   | 3181245   | 3171230   | 3168846   | 0.43   | cps   |
| Scandium   | 45-1  | 6003309   | 6065846   | 6027494   | 6032216   | 0.52   | cps   |
| Scandium   | 45-2  | 228234    | 228954    | 230589    | 229259    | 0.53   | cps   |
| Selenium   | 77-2  | 390       | 390       | 397       | 392       | 0.98   | cps   |
| Selenium   | 78-2  | 335       | 341       | 391       | 356       | 8.61   | cps   |
| Selenium   | 82-1  | 780       | 699       | 768       | 749       | 5.88   | cps   |
| Silicon    | 28-1  | 117632548 | 118083986 | 117584994 | 117767176 | 0.23   | cps   |
| Silver     | 109-1 | 3517      | 3484      | 3251      | 3417      | 4.25   | cps   |
| Silver     | 107-1 | 3526      | 3876      | 3867      | 3756      | 5.32   | cps   |
| Sodium     | 23-2  | 321614    | 321279    | 317842    | 320245    | 0.65   | cps   |
| Strontium  | 86-1  | 110675    | 110330    | 110499    | 110501    | 0.16   | cps   |
| Strontium  | 88-1  | 956339    | 955126    | 948603    | 953356    | 0.44   | cps   |
| Sulfur     | 34-1  | 359263    | 354639    | 358242    | 357382    | 0.68   | cps   |
| Terbium    | 159-1 | 10887759  | 10949836  | 10958604  | 10932067  | 0.35   | cps   |
| Terbium    | 159-2 | 5340014   | 5343071   | 5361310   | 5348132   | 0.22   | cps   |
| Thallium   | 203-1 | 9679      | 9621      | 8878      | 9393      | 4.75   | cps   |
| Thallium   | 205-1 | 22962     | 23146     | 21552     | 22553     | 3.87   | cps   |
| Thorium    | 232-1 | 693735    | 692794    | 685208    | 690579    | 0.68   | cps   |
| Tin        | 118-1 | 8078      | 8153      | 7778      | 8003      | 2.48   | cps   |
| Titanium   | 47-1  | 228408    | 231837    | 227072    | 229105    | 1.07   | cps   |
| Uranium    | 238-1 | 103534    | 103895    | 102946    | 103459    | 0.46   | cps   |
| Vanadium   | 51-2  | 351218    | 349992    | 348101    | 349770    | 0.45   | cps   |
| Yttrium    | 89-1  | 10520394  | 10575851  | 10522839  | 10539695  | 0.30   | cps   |
| Yttrium    | 89-2  | 1388485   | 1392365   | 1393628   | 1391493   | 0.19   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-16            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS011-1218-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 17:56:39 | DataFile Name :   | 090SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 263054 | 261464 | 261530 | 262016  | 0.34   | cps   |
| Zirconium | 90-1 | 348812 | 349742 | 344975 | 347843  | 0.73   | cps   |
| Zirconium | 91-1 | 79044  | 77006  | 78389  | 78146   | 1.33   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-17            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS011-1824-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 18:00:18 | DataFile Name :   | 091SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 13121199  | 13070399  | 13082664  | 13091421  | 0.20   | cps   |
| Antimony   | 121-1 | 2075      | 1842      | 1750      | 1889      | 8.87   | cps   |
| Arsenic    | 75-2  | 14633     | 14680     | 15036     | 14783     | 1.49   | cps   |
| Barium     | 135-1 | 2692701   | 2708921   | 2708814   | 2703478   | 0.35   | cps   |
| Barium     | 137-1 | 4716149   | 4739099   | 4776981   | 4744076   | 0.65   | cps   |
| Beryllium  | 9-1   | 16843     | 17077     | 16548     | 16823     | 1.57   | cps   |
| Bismuth    | 209-1 | 6984915   | 7040564   | 7082941   | 7036140   | 0.70   | cps   |
| Bismuth    | 209-2 | 3911834   | 3964118   | 3956825   | 3944259   | 0.72   | cps   |
| Boron      | 10-1  | 5376      | 5843      | 5743      | 5654      | 4.35   | cps   |
| Boron      | 11-1  | 23202     | 24562     | 25289     | 24351     | 4.35   | cps   |
| Cadmium    | 111-1 | 4506      | 4842      | 4895      | 4748      | 4.45   | cps   |
| Cadmium    | 106-1 | 5351      | 5668      | 5760      | 5593      | 3.83   | cps   |
| Cadmium    | 108-1 | 588       | 483       | 683       | 585       | 17.11  | cps   |
| Calcium    | 43-1  | 118370    | 120371    | 121362    | 120035    | 1.27   | cps   |
| Calcium    | 44-1  | 1941956   | 1961275   | 1968887   | 1957373   | 0.71   | cps   |
| Chromium   | 52-2  | 324787    | 327638    | 323397    | 325274    | 0.66   | cps   |
| Cobalt     | 59-2  | 307063    | 308961    | 309535    | 308520    | 0.42   | cps   |
| Copper     | 63-2  | 562761    | 568139    | 562019    | 564306    | 0.59   | cps   |
| Dysprosium | 156-1 | 177222    | 182947    | 180618    | 180262    | 1.60   | cps   |
| Dysprosium | 156-2 | 91747     | 92921     | 90640     | 91769     | 1.24   | cps   |
| Erbium     | 164-1 | 152585    | 156531    | 151982    | 153699    | 1.61   | cps   |
| Erbium     | 164-2 | 79436     | 79278     | 80455     | 79723     | 0.80   | cps   |
| Gadolinium | 160-1 | 158145    | 162520    | 160935    | 160533    | 1.38   | cps   |
| Gadolinium | 160-2 | 91852     | 92254     | 94120     | 92742     | 1.31   | cps   |
| Holmium    | 165-1 | 10595509  | 10818824  | 10913879  | 10776071  | 1.52   | cps   |
| Holmium    | 165-2 | 5429026   | 5502632   | 5496263   | 5475974   | 0.74   | cps   |
| Indium     | 115-1 | 8077593   | 8195897   | 8227182   | 8166891   | 0.97   | cps   |
| Indium     | 115-2 | 1514383   | 1528707   | 1540552   | 1527881   | 0.86   | cps   |
| Iron       | 56-2  | 557237757 | 555920824 | 559365190 | 557507924 | 0.31   | cps   |
| Iron       | 57-2  | 13589072  | 13652686  | 13626261  | 13622673  | 0.23   | cps   |
| Krypton    | 83-1  | 540       | 510       | 553       | 534       | 4.15   | cps   |
| Lead       | 206-1 | 1671929   | 1680860   | 1688002   | 1680263   | 0.48   | cps   |
| Lead       | 207-1 | 1418253   | 1422365   | 1437579   | 1426066   | 0.71   | cps   |
| Lead       | 208-1 | 6597318   | 6601457   | 6650392   | 6616389   | 0.45   | cps   |
| Lithium    | 6-1   | 3544810   | 3570448   | 3600084   | 3571781   | 0.77   | cps   |
| Magnesium  | 24-2  | 8901303   | 8959449   | 8914341   | 8925031   | 0.34   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-17            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS011-1824-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 18:00:18 | DataFile Name :   | 091SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Manganese  | 55-2  | 11989674  | 11926981  | 11913701  | 11943452  | 0.34   | cps   |
| Molybdenum | 94-1  | 134982    | 136153    | 136262    | 135799    | 0.52   | cps   |
| Molybdenum | 95-1  | 16185     | 16227     | 16710     | 16374     | 1.78   | cps   |
| Molybdenum | 96-1  | 47956     | 50073     | 49387     | 49139     | 2.20   | cps   |
| Molybdenum | 97-1  | 9762      | 9762      | 10171     | 9898      | 2.38   | cps   |
| Molybdenum | 98-1  | 24914     | 25382     | 24906     | 25067     | 1.09   | cps   |
| Neodymium  | 150-1 | 213295    | 216265    | 214832    | 214797    | 0.69   | cps   |
| Neodymium  | 150-2 | 85560     | 86345     | 86623     | 86176     | 0.64   | cps   |
| Nickel     | 60-2  | 182027    | 184137    | 183249    | 183138    | 0.58   | cps   |
| Phosphorus | 31-2  | 16927     | 17486     | 17027     | 17147     | 1.74   | cps   |
| Potassium  | 39-2  | 565198    | 561442    | 568645    | 565095    | 0.64   | cps   |
| Rhodium    | 103-1 | 7113624   | 7246469   | 7253978   | 7204690   | 1.10   | cps   |
| Rhodium    | 103-2 | 3157697   | 3171576   | 3191248   | 3173507   | 0.53   | cps   |
| Scandium   | 45-1  | 5984056   | 6066591   | 6101992   | 6050880   | 1.00   | cps   |
| Scandium   | 45-2  | 229669    | 230091    | 230985    | 230248    | 0.29   | cps   |
| Selenium   | 77-2  | 337       | 377       | 380       | 364       | 6.62   | cps   |
| Selenium   | 78-2  | 296       | 348       | 300       | 315       | 9.19   | cps   |
| Selenium   | 82-1  | 637       | 706       | 600       | 647       | 8.34   | cps   |
| Silicon    | 28-1  | 114587603 | 115257411 | 115908878 | 115251297 | 0.57   | cps   |
| Silver     | 109-1 | 3367      | 3267      | 3242      | 3292      | 2.01   | cps   |
| Silver     | 107-1 | 3592      | 3651      | 3792      | 3678      | 2.80   | cps   |
| Sodium     | 23-2  | 358166    | 358382    | 359960    | 358836    | 0.27   | cps   |
| Strontium  | 86-1  | 118762    | 119327    | 119822    | 119303    | 0.44   | cps   |
| Strontium  | 88-1  | 1020723   | 1031528   | 1037990   | 1030080   | 0.85   | cps   |
| Sulfur     | 34-1  | 347322    | 346923    | 348430    | 347558    | 0.22   | cps   |
| Terbium    | 159-1 | 10878585  | 11044994  | 11163556  | 11029045  | 1.30   | cps   |
| Terbium    | 159-2 | 5325061   | 5379194   | 5396539   | 5366931   | 0.69   | cps   |
| Thallium   | 203-1 | 8161      | 8295      | 8737      | 8397      | 3.59   | cps   |
| Thallium   | 205-1 | 19482     | 19523     | 20116     | 19707     | 1.80   | cps   |
| Thorium    | 232-1 | 731794    | 736280    | 735105    | 734393    | 0.32   | cps   |
| Tin        | 118-1 | 4843      | 5293      | 5084      | 5073      | 4.44   | cps   |
| Titanium   | 47-1  | 210217    | 215138    | 218453    | 214602    | 1.93   | cps   |
| Uranium    | 238-1 | 98311     | 98388     | 99296     | 98665     | 0.56   | cps   |
| Vanadium   | 51-2  | 326284    | 329585    | 327104    | 327658    | 0.52   | cps   |
| Yttrium    | 89-1  | 10432627  | 10576167  | 10720884  | 10576559  | 1.36   | cps   |
| Yttrium    | 89-2  | 1399021   | 1399957   | 1397429   | 1398802   | 0.09   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-17            | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS011-1824-01  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 18:00:18 | DataFile Name :   | 091SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 246969 | 248141 | 248093 | 247734  | 0.27   | cps   |
| Zirconium | 90-1 | 341639 | 344196 | 347977 | 344604  | 0.93   | cps   |
| Zirconium | 91-1 | 77083  | 76370  | 77234  | 76896   | 0.60   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100071            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV30               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV30               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-12-27 18:19:18 | DataFile Name :   | 092CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 4307070   | 4326244   | 4350678   | 4327997   | 0.51   | cps   |
| Antimony   | 121-1 | 3595196   | 3571584   | 3591749   | 3586176   | 0.36   | cps   |
| Arsenic    | 75-2  | 110855    | 111904    | 112314    | 111691    | 0.67   | cps   |
| Barium     | 135-1 | 4726340   | 4738597   | 4747966   | 4737634   | 0.23   | cps   |
| Barium     | 137-1 | 8464284   | 8506635   | 8543690   | 8504870   | 0.47   | cps   |
| Beryllium  | 9-1   | 1204754   | 1196379   | 1203664   | 1201599   | 0.38   | cps   |
| Bismuth    | 209-1 | 6059467   | 6112431   | 6115367   | 6095755   | 0.52   | cps   |
| Bismuth    | 209-2 | 3572139   | 3571687   | 3583190   | 3575672   | 0.18   | cps   |
| Boron      | 10-1  | 214836    | 219383    | 223332    | 219184    | 1.94   | cps   |
| Boron      | 11-1  | 956761    | 973194    | 979401    | 969785    | 1.21   | cps   |
| Cadmium    | 111-1 | 1049127   | 1042143   | 1056653   | 1049308   | 0.69   | cps   |
| Cadmium    | 106-1 | 123534    | 121761    | 123332    | 122876    | 0.79   | cps   |
| Cadmium    | 108-1 | 82547     | 82128     | 82648     | 82441     | 0.33   | cps   |
| Calcium    | 43-1  | 6629536   | 6601648   | 6636328   | 6622504   | 0.28   | cps   |
| Calcium    | 44-1  | 107357823 | 106622748 | 106811894 | 106930822 | 0.36   | cps   |
| Chromium   | 52-2  | 1064699   | 1079942   | 1078711   | 1074451   | 0.79   | cps   |
| Cobalt     | 59-2  | 1697707   | 1695853   | 1709795   | 1701118   | 0.45   | cps   |
| Copper     | 63-2  | 2267794   | 2284040   | 2286408   | 2279414   | 0.44   | cps   |
| Dysprosium | 156-1 | 200       | 175       | 200       | 192       | 7.53   | cps   |
| Dysprosium | 156-2 | 123       | 117       | 150       | 130       | 13.57  | cps   |
| Erbium     | 164-1 | 50        | 92        | 83        | 75        | 29.40  | cps   |
| Erbium     | 164-2 | 10        | 23        | 27        | 20        | 44.10  | cps   |
| Gadolinium | 160-1 | 92        | 92        | 125       | 103       | 18.73  | cps   |
| Gadolinium | 160-2 | 180       | 223       | 143       | 182       | 21.98  | cps   |
| Holmium    | 165-1 | 10100848  | 10076399  | 10184471  | 10120573  | 0.56   | cps   |
| Holmium    | 165-2 | 5204025   | 5241146   | 5248954   | 5231375   | 0.46   | cps   |
| Indium     | 115-1 | 7347474   | 7313702   | 7357115   | 7339431   | 0.31   | cps   |
| Indium     | 115-2 | 1375664   | 1390153   | 1391233   | 1385683   | 0.63   | cps   |
| Iron       | 56-2  | 240784639 | 241337578 | 242193900 | 241438705 | 0.29   | cps   |
| Iron       | 57-2  | 5893774   | 5907935   | 5943930   | 5915213   | 0.44   | cps   |
| Krypton    | 83-1  | 370       | 370       | 337       | 359       | 5.36   | cps   |
| Lead       | 206-1 | 3291472   | 3264569   | 3291176   | 3282405   | 0.47   | cps   |
| Lead       | 207-1 | 3002807   | 2985265   | 3013833   | 3000635   | 0.48   | cps   |
| Lead       | 208-1 | 13606707  | 13616868  | 13736668  | 13653414  | 0.53   | cps   |
| Lithium    | 6-1   | 3052547   | 3053007   | 3065038   | 3056864   | 0.23   | cps   |
| Magnesium  | 24-2  | 46136523  | 46489416  | 46700192  | 46442043  | 0.61   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : CCV30 Instrumnet Name : P7  
 Client Sample ID : CCV30 Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 18:19:18 DataFile Name : 092CCV.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1339417  | 1346514  | 1352464  | 1346132  | 0.49   | cps   |
| Molybdenum | 94-1  | 7902431  | 7862126  | 7918381  | 7894313  | 0.37   | cps   |
| Molybdenum | 95-1  | 9652766  | 9622926  | 9665540  | 9647078  | 0.23   | cps   |
| Molybdenum | 96-1  | 10707934 | 10670988 | 10743778 | 10707567 | 0.34   | cps   |
| Molybdenum | 97-1  | 5991569  | 5972004  | 6024305  | 5995959  | 0.44   | cps   |
| Molybdenum | 98-1  | 15546673 | 15448527 | 15510005 | 15501735 | 0.32   | cps   |
| Neodymium  | 150-1 | 507      | 647      | 580      | 578      | 12.12  | cps   |
| Neodymium  | 150-2 | 87       | 90       | 63       | 80       | 18.17  | cps   |
| Nickel     | 60-2  | 428265   | 432824   | 435867   | 432319   | 0.88   | cps   |
| Phosphorus | 31-2  | 43740    | 42871    | 43389    | 43333    | 1.01   | cps   |
| Potassium  | 39-2  | 21035771 | 21221822 | 21249124 | 21168906 | 0.55   | cps   |
| Rhodium    | 103-1 | 6313677  | 6283206  | 6297169  | 6298017  | 0.24   | cps   |
| Rhodium    | 103-2 | 2781805  | 2823425  | 2817270  | 2807500  | 0.80   | cps   |
| Scandium   | 45-1  | 5121477  | 5122769  | 5129088  | 5124445  | 0.08   | cps   |
| Scandium   | 45-2  | 198145   | 200216   | 201148   | 199837   | 0.77   | cps   |
| Selenium   | 77-2  | 3310     | 3240     | 3130     | 3227     | 2.81   | cps   |
| Selenium   | 78-2  | 10889    | 11199    | 11351    | 11146    | 2.11   | cps   |
| Selenium   | 82-1  | 78342    | 77805    | 78068    | 78071    | 0.34   | cps   |
| Silicon    | 28-1  | 3574971  | 3624628  | 3670613  | 3623404  | 1.32   | cps   |
| Silver     | 109-1 | 4581403  | 4533695  | 4541145  | 4552081  | 0.56   | cps   |
| Silver     | 107-1 | 4747964  | 4704652  | 4685103  | 4712573  | 0.68   | cps   |
| Sodium     | 23-2  | 88155329 | 88705733 | 88783039 | 88548034 | 0.39   | cps   |
| Strontium  | 86-1  | 1319556  | 1302352  | 1306239  | 1309382  | 0.69   | cps   |
| Strontium  | 88-1  | 11564927 | 11450943 | 11515654 | 11510508 | 0.50   | cps   |
| Sulfur     | 34-1  | 812864   | 803641   | 804367   | 806957   | 0.64   | cps   |
| Terbium    | 159-1 | 10235871 | 10355282 | 10405177 | 10332110 | 0.84   | cps   |
| Terbium    | 159-2 | 5037472  | 5031397  | 5048300  | 5039056  | 0.17   | cps   |
| Thallium   | 203-1 | 4054116  | 4050487  | 4073389  | 4059330  | 0.30   | cps   |
| Thallium   | 205-1 | 10035740 | 9978828  | 10078695 | 10031088 | 0.50   | cps   |
| Thorium    | 232-1 | 15866429 | 16050211 | 16078207 | 15998282 | 0.72   | cps   |
| Tin        | 118-1 | 3292874  | 3292713  | 3309116  | 3298234  | 0.29   | cps   |
| Titanium   | 47-1  | 2912484  | 2894165  | 2875349  | 2893999  | 0.64   | cps   |
| Uranium    | 238-1 | 15328920 | 15539622 | 15604170 | 15490904 | 0.93   | cps   |
| Vanadium   | 51-2  | 867765   | 870318   | 871693   | 869925   | 0.23   | cps   |
| Yttrium    | 89-1  | 7837883  | 7849364  | 7895731  | 7860993  | 0.39   | cps   |
| Yttrium    | 89-2  | 1046723  | 1061370  | 1061542  | 1056545  | 0.81   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100071            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV30               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV30               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-12-27 18:19:18 | DataFile Name :   | 092CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 371862  | 372950  | 374659  | 373157  | 0.38   | cps   |
| Zirconium | 90-1 | 6748015 | 6685649 | 6727189 | 6720285 | 0.47   | cps   |
| Zirconium | 91-1 | 1461765 | 1461100 | 1459165 | 1460677 | 0.09   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB30               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB30               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 18:23:05 | DataFile Name :   | 093CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 200      | 175      | 183      | 186      | 6.84   | cps   |
| Antimony   | 121-1 | 1092     | 1275     | 1083     | 1150     | 9.42   | cps   |
| Arsenic    | 75-2  | 11       | 15       | 15       | 14       | 15.73  | cps   |
| Barium     | 135-1 | 267      | 233      | 225      | 242      | 9.12   | cps   |
| Barium     | 137-1 | 500      | 350      | 425      | 425      | 17.65  | cps   |
| Beryllium  | 9-1   | 206      | 267      | 167      | 213      | 23.67  | cps   |
| Bismuth    | 209-1 | 7619274  | 7710077  | 7670671  | 7666674  | 0.59   | cps   |
| Bismuth    | 209-2 | 4280437  | 4293465  | 4307929  | 4293944  | 0.32   | cps   |
| Boron      | 10-1  | 4209     | 4192     | 3776     | 4059     | 6.05   | cps   |
| Boron      | 11-1  | 18137    | 17753    | 15750    | 17213    | 7.44   | cps   |
| Cadmium    | 111-1 | 2788     | 2590     | 2520     | 2633     | 5.26   | cps   |
| Cadmium    | 106-1 | 3934     | 3567     | 3526     | 3676     | 6.11   | cps   |
| Cadmium    | 108-1 | 29       | 4        | 8        | 14       | 96.44  | cps   |
| Calcium    | 43-1  | 400      | 292      | 275      | 322      | 21.06  | cps   |
| Calcium    | 44-1  | 7402     | 6935     | 6227     | 6855     | 8.63   | cps   |
| Chromium   | 52-2  | 557      | 607      | 547      | 570      | 5.64   | cps   |
| Cobalt     | 59-2  | 100      | 70       | 57       | 76       | 29.37  | cps   |
| Copper     | 63-2  | 280      | 193      | 180      | 218      | 24.93  | cps   |
| Dysprosium | 156-1 | 58       | 58       | 50       | 56       | 8.67   | cps   |
| Dysprosium | 156-2 | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Erbium     | 164-1 | 42       | 42       | 33       | 39       | 12.38  | cps   |
| Erbium     | 164-2 | 20       | 27       | 23       | 23       | 14.29  | cps   |
| Gadolinium | 160-1 | 33       | 42       | 58       | 44       | 28.64  | cps   |
| Gadolinium | 160-2 | 153      | 170      | 153      | 159      | 6.05   | cps   |
| Holmium    | 165-1 | 10743711 | 10900322 | 10836115 | 10826716 | 0.73   | cps   |
| Holmium    | 165-2 | 5497614  | 5505506  | 5549590  | 5517570  | 0.51   | cps   |
| Indium     | 115-1 | 8451568  | 8562008  | 8547964  | 8520513  | 0.71   | cps   |
| Indium     | 115-2 | 1594746  | 1597061  | 1615410  | 1602406  | 0.71   | cps   |
| Iron       | 56-2  | 13562    | 12144    | 11722    | 12476    | 7.73   | cps   |
| Iron       | 57-2  | 389      | 317      | 372      | 359      | 10.53  | cps   |
| Krypton    | 83-1  | 323      | 370      | 343      | 346      | 6.78   | cps   |
| Lead       | 206-1 | 1683     | 1433     | 1661     | 1593     | 8.69   | cps   |
| Lead       | 207-1 | 1311     | 1339     | 1333     | 1328     | 1.11   | cps   |
| Lead       | 208-1 | 6262     | 5990     | 6134     | 6129     | 2.22   | cps   |
| Lithium    | 6-1   | 3471739  | 3473612  | 3484840  | 3476730  | 0.20   | cps   |
| Magnesium  | 24-2  | 1617     | 1175     | 1092     | 1295     | 21.80  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB30               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB30               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 18:23:05 | DataFile Name :   | 093CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 273      | 327      | 240      | 280      | 15.61  | cps   |
| Molybdenum | 94-1  | 1383     | 1258     | 1325     | 1322     | 4.73   | cps   |
| Molybdenum | 95-1  | 2284     | 1800     | 1467     | 1850     | 22.20  | cps   |
| Molybdenum | 96-1  | 2517     | 1925     | 1709     | 2050     | 20.41  | cps   |
| Molybdenum | 97-1  | 1475     | 1033     | 1125     | 1211     | 19.25  | cps   |
| Molybdenum | 98-1  | 3726     | 2917     | 2334     | 2992     | 23.36  | cps   |
| Neodymium  | 150-1 | 0        | 7        | 7        | 4        | 86.60  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Nickel     | 60-2  | 43       | 63       | 67       | 58       | 21.85  | cps   |
| Phosphorus | 31-2  | 150      | 83       | 133      | 122      | 28.39  | cps   |
| Potassium  | 39-2  | 16076    | 16084    | 16134    | 16098    | 0.20   | cps   |
| Rhodium    | 103-1 | 7669954  | 7692192  | 7728793  | 7696980  | 0.39   | cps   |
| Rhodium    | 103-2 | 3369729  | 3393309  | 3407269  | 3390102  | 0.56   | cps   |
| Scandium   | 45-1  | 5630012  | 5710194  | 5643203  | 5661136  | 0.76   | cps   |
| Scandium   | 45-2  | 215953   | 214878   | 217240   | 216023   | 0.55   | cps   |
| Selenium   | 77-2  | 0        | 0        | 3        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 44       | 50       | 44       | 46       | 6.93   | cps   |
| Selenium   | 82-1  | 36       | -2       | -4       | 10       | 224.73 | cps   |
| Silicon    | 28-1  | 194904   | 193798   | 191798   | 193500   | 0.81   | cps   |
| Silver     | 109-1 | 242      | 325      | 275      | 281      | 14.95  | cps   |
| Silver     | 107-1 | 458      | 450      | 308      | 406      | 20.79  | cps   |
| Sodium     | 23-2  | 16301    | 15492    | 15525    | 15773    | 2.90   | cps   |
| Strontium  | 86-1  | 592      | 683      | 667      | 647      | 7.55   | cps   |
| Strontium  | 88-1  | 700      | 375      | 475      | 517      | 32.22  | cps   |
| Sulfur     | 34-1  | 317327   | 317772   | 318138   | 317746   | 0.13   | cps   |
| Terbium    | 159-1 | 10974342 | 11102375 | 11027980 | 11034899 | 0.58   | cps   |
| Terbium    | 159-2 | 5349276  | 5364427  | 5427330  | 5380344  | 0.77   | cps   |
| Thallium   | 203-1 | 800      | 725      | 808      | 778      | 5.90   | cps   |
| Thallium   | 205-1 | 2009     | 1909     | 1834     | 1917     | 4.58   | cps   |
| Thorium    | 232-1 | 1672     | 1622     | 1367     | 1554     | 10.55  | cps   |
| Tin        | 118-1 | 1058     | 808      | 675      | 847      | 22.97  | cps   |
| Titanium   | 47-1  | 200      | 233      | 175      | 203      | 14.43  | cps   |
| Uranium    | 238-1 | 767      | 658      | 500      | 642      | 20.90  | cps   |
| Vanadium   | 51-2  | 40       | 13       | 17       | 23       | 62.27  | cps   |
| Yttrium    | 89-1  | 8709703  | 8747018  | 8765657  | 8740793  | 0.33   | cps   |
| Yttrium    | 89-2  | 1145843  | 1150226  | 1154337  | 1150135  | 0.37   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB30               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB30               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 18:23:05 | DataFile Name :   | 093CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zinc      | 66-2 | 210  | 207  | 217  | 211     | 2.41   | cps   |
| Zirconium | 90-1 | 883  | 925  | 608  | 806     | 21.36  | cps   |
| Zirconium | 91-1 | 217  | 208  | 183  | 203     | 8.56   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-04DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS008-1218-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 18:29:13  | DataFile Name :   | 094SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 2931657   | 2929886   | 2936246   | 2932596   | 0.11   | cps   |
| Antimony   | 121-1 | 775       | 908       | 975       | 886       | 11.49  | cps   |
| Arsenic    | 75-2  | 4212      | 4306      | 4308      | 4275      | 1.29   | cps   |
| Barium     | 135-1 | 762484    | 763088    | 767728    | 764433    | 0.38   | cps   |
| Barium     | 137-1 | 1357439   | 1343395   | 1346420   | 1349085   | 0.55   | cps   |
| Beryllium  | 9-1   | 4506      | 4679      | 4773      | 4653      | 2.91   | cps   |
| Bismuth    | 209-1 | 7572756   | 7619165   | 7626487   | 7606136   | 0.38   | cps   |
| Bismuth    | 209-2 | 4263433   | 4342363   | 3680262   | 4095353   | 8.83   | cps   |
| Boron      | 10-1  | 3217      | 3576      | 3175      | 3323      | 6.62   | cps   |
| Boron      | 11-1  | 14708     | 14124     | 14891     | 14574     | 2.75   | cps   |
| Cadmium    | 111-1 | 4654      | 5158      | 5062      | 4958      | 5.40   | cps   |
| Cadmium    | 106-1 | 4459      | 4851      | 4901      | 4737      | 5.11   | cps   |
| Cadmium    | 108-1 | 413       | 346       | 367       | 375       | 9.09   | cps   |
| Calcium    | 43-1  | 97949     | 96732     | 100306    | 98329     | 1.85   | cps   |
| Calcium    | 44-1  | 1599282   | 1583679   | 1605880   | 1596280   | 0.71   | cps   |
| Chromium   | 52-2  | 112996    | 112935    | 114396    | 113442    | 0.73   | cps   |
| Cobalt     | 59-2  | 103253    | 103032    | 103159    | 103148    | 0.11   | cps   |
| Copper     | 63-2  | 220891    | 224806    | 225802    | 223833    | 1.16   | cps   |
| Dysprosium | 156-1 | 76623     | 77294     | 76623     | 76846     | 0.50   | cps   |
| Dysprosium | 156-2 | 39818     | 39751     | 40356     | 39975     | 0.83   | cps   |
| Erbium     | 164-1 | 69763     | 68866     | 69017     | 69215     | 0.69   | cps   |
| Erbium     | 164-2 | 35670     | 35199     | 35503     | 35457     | 0.67   | cps   |
| Gadolinium | 160-1 | 73632     | 74872     | 74487     | 74330     | 0.85   | cps   |
| Gadolinium | 160-2 | 43067     | 44017     | 43616     | 43567     | 1.09   | cps   |
| Holmium    | 165-1 | 11087629  | 11170334  | 11068163  | 11108709  | 0.49   | cps   |
| Holmium    | 165-2 | 5727395   | 5762659   | 4868365   | 5452806   | 9.29   | cps   |
| Indium     | 115-1 | 8494552   | 8570052   | 8594159   | 8552921   | 0.61   | cps   |
| Indium     | 115-2 | 1605806   | 1615656   | 1383822   | 1535095   | 8.54   | cps   |
| Iron       | 56-2  | 148932303 | 149579314 | 149997631 | 149503083 | 0.36   | cps   |
| Iron       | 57-2  | 3557593   | 3565811   | 3582237   | 3568547   | 0.35   | cps   |
| Krypton    | 83-1  | 403       | 417       | 477       | 432       | 9.04   | cps   |
| Lead       | 206-1 | 4089344   | 4086798   | 4104896   | 4093679   | 0.24   | cps   |
| Lead       | 207-1 | 3436923   | 3430361   | 3410369   | 3425884   | 0.40   | cps   |
| Lead       | 208-1 | 16294291  | 16301678  | 16322795  | 16306255  | 0.09   | cps   |
| Lithium    | 6-1   | 3646075   | 3637769   | 3636046   | 3639963   | 0.15   | cps   |
| Magnesium  | 24-2  | 2424617   | 2431961   | 2439289   | 2431956   | 0.30   | cps   |



LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-04DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS008-1218-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 18:29:13 DataFile Name : 094SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 3644335  | 3664459  | 3694869  | 3667888  | 0.69   | cps   |
| Molybdenum | 94-1  | 69755    | 69353    | 70239    | 69782    | 0.64   | cps   |
| Molybdenum | 95-1  | 15134    | 13590    | 13657    | 14127    | 6.18   | cps   |
| Molybdenum | 96-1  | 28771    | 28296    | 28888    | 28652    | 1.10   | cps   |
| Molybdenum | 97-1  | 8953     | 8987     | 9270     | 9070     | 1.92   | cps   |
| Molybdenum | 98-1  | 21893    | 22844    | 22602    | 22446    | 2.20   | cps   |
| Neodymium  | 150-1 | 83077    | 81977    | 82688    | 82581    | 0.68   | cps   |
| Neodymium  | 150-2 | 32512    | 33481    | 33447    | 33147    | 1.66   | cps   |
| Nickel     | 60-2  | 59112    | 58998    | 59661    | 59257    | 0.60   | cps   |
| Phosphorus | 31-2  | 6435     | 6443     | 6969     | 6616     | 4.62   | cps   |
| Potassium  | 39-2  | 324770   | 326558   | 325903   | 325743   | 0.28   | cps   |
| Rhodium    | 103-1 | 7619835  | 7698323  | 7660648  | 7659602  | 0.51   | cps   |
| Rhodium    | 103-2 | 3411101  | 3437773  | 2898440  | 3249105  | 9.36   | cps   |
| Scandium   | 45-1  | 5960411  | 5953184  | 5938786  | 5950794  | 0.18   | cps   |
| Scandium   | 45-2  | 229422   | 228857   | 195836   | 218038   | 8.82   | cps   |
| Selenium   | 77-2  | 137      | 120      | 173      | 143      | 19.04  | cps   |
| Selenium   | 78-2  | 181      | 150      | 189      | 173      | 11.90  | cps   |
| Selenium   | 82-1  | 231      | 223      | 88       | 181      | 44.68  | cps   |
| Silicon    | 28-1  | 18851649 | 18817184 | 18861083 | 18843305 | 0.12   | cps   |
| Silver     | 109-1 | 1583     | 1450     | 1592     | 1542     | 5.16   | cps   |
| Silver     | 107-1 | 1617     | 1609     | 1784     | 1670     | 5.91   | cps   |
| Sodium     | 23-2  | 81664    | 82686    | 83709    | 82686    | 1.24   | cps   |
| Strontium  | 86-1  | 49344    | 48758    | 48892    | 48998    | 0.63   | cps   |
| Strontium  | 88-1  | 425977   | 420540   | 420738   | 422418   | 0.73   | cps   |
| Sulfur     | 34-1  | 315978   | 305847   | 303448   | 308425   | 2.16   | cps   |
| Terbium    | 159-1 | 11388891 | 11384867 | 11318099 | 11363952 | 0.35   | cps   |
| Terbium    | 159-2 | 5552637  | 5589337  | 4735120  | 5292365  | 9.13   | cps   |
| Thallium   | 203-1 | 2025     | 1817     | 1717     | 1853     | 8.49   | cps   |
| Thallium   | 205-1 | 4651     | 4067     | 4234     | 4318     | 6.96   | cps   |
| Thorium    | 232-1 | 239843   | 234452   | 235431   | 236575   | 1.21   | cps   |
| Tin        | 118-1 | 5810     | 5068     | 5235     | 5371     | 7.25   | cps   |
| Titanium   | 47-1  | 58140    | 57714    | 57002    | 57619    | 1.00   | cps   |
| Uranium    | 238-1 | 28791    | 29017    | 29969    | 29259    | 2.14   | cps   |
| Vanadium   | 51-2  | 77888    | 78236    | 78847    | 78324    | 0.62   | cps   |
| Yttrium    | 89-1  | 9790742  | 9830361  | 9799603  | 9806902  | 0.21   | cps   |
| Yttrium    | 89-2  | 1305062  | 1317923  | 1128401  | 1250462  | 8.47   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-04DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS008-1218-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 18:29:13  | DataFile Name :   | 094SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 173894 | 175439 | 176947 | 175427  | 0.87   | cps   |
| Zirconium | 90-1 | 166878 | 167677 | 167189 | 167248  | 0.24   | cps   |
| Zirconium | 91-1 | 36380  | 37266  | 38210  | 37285   | 2.45   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-04DUPDLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS008-1218-01DU Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 18:32:49 DataFile Name : 095SMPL.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 2825044   | 2869995   | 2867320   | 2854120   | 0.88   | cps   |
| Antimony   | 121-1 | 733       | 642       | 742       | 706       | 7.86   | cps   |
| Arsenic    | 75-2  | 4143      | 4234      | 4158      | 4178      | 1.17   | cps   |
| Barium     | 135-1 | 767198    | 757992    | 752348    | 759179    | 0.99   | cps   |
| Barium     | 137-1 | 1355325   | 1332206   | 1342138   | 1343223   | 0.86   | cps   |
| Beryllium  | 9-1   | 4723      | 4490      | 4523      | 4579      | 2.76   | cps   |
| Bismuth    | 209-1 | 7512219   | 7600101   | 7586277   | 7566199   | 0.62   | cps   |
| Bismuth    | 209-2 | 4220421   | 4304396   | 4294360   | 4273059   | 1.07   | cps   |
| Boron      | 10-1  | 3059      | 2517      | 2842      | 2806      | 9.72   | cps   |
| Boron      | 11-1  | 12647     | 12522     | 13056     | 12742     | 2.19   | cps   |
| Cadmium    | 111-1 | 4810      | 5019      | 5190      | 5006      | 3.79   | cps   |
| Cadmium    | 106-1 | 4584      | 4793      | 5043      | 4807      | 4.78   | cps   |
| Cadmium    | 108-1 | 338       | 408       | 338       | 361       | 11.33  | cps   |
| Calcium    | 43-1  | 95625     | 95785     | 93754     | 95054     | 1.19   | cps   |
| Calcium    | 44-1  | 1523244   | 1516417   | 1517269   | 1518977   | 0.24   | cps   |
| Chromium   | 52-2  | 108291    | 110876    | 110043    | 109737    | 1.20   | cps   |
| Cobalt     | 59-2  | 100286    | 100884    | 102055    | 101075    | 0.89   | cps   |
| Copper     | 63-2  | 214154    | 219075    | 218311    | 217180    | 1.22   | cps   |
| Dysprosium | 156-1 | 74855     | 75023     | 75265     | 75047     | 0.27   | cps   |
| Dysprosium | 156-2 | 38648     | 39246     | 39370     | 39088     | 0.99   | cps   |
| Erbium     | 164-1 | 68899     | 68103     | 67584     | 68196     | 0.97   | cps   |
| Erbium     | 164-2 | 35316     | 34831     | 35396     | 35181     | 0.87   | cps   |
| Gadolinium | 160-1 | 72275     | 74788     | 73246     | 73436     | 1.73   | cps   |
| Gadolinium | 160-2 | 42727     | 42596     | 42486     | 42603     | 0.28   | cps   |
| Holmium    | 165-1 | 11061180  | 11149004  | 11101081  | 11103755  | 0.40   | cps   |
| Holmium    | 165-2 | 5620795   | 5713619   | 5725186   | 5686533   | 1.01   | cps   |
| Indium     | 115-1 | 8528082   | 8595858   | 8559286   | 8561075   | 0.40   | cps   |
| Indium     | 115-2 | 1580158   | 1611887   | 1613102   | 1601716   | 1.17   | cps   |
| Iron       | 56-2  | 145873992 | 146498553 | 145564725 | 145979090 | 0.33   | cps   |
| Iron       | 57-2  | 3453340   | 3479599   | 3510730   | 3481223   | 0.83   | cps   |
| Krypton    | 83-1  | 503       | 533       | 477       | 504       | 5.62   | cps   |
| Lead       | 206-1 | 4013992   | 4008367   | 4045498   | 4022619   | 0.50   | cps   |
| Lead       | 207-1 | 3361126   | 3337267   | 3339083   | 3345825   | 0.40   | cps   |
| Lead       | 208-1 | 15906036  | 15928212  | 15958086  | 15930778  | 0.16   | cps   |
| Lithium    | 6-1   | 3594113   | 3598807   | 3605956   | 3599626   | 0.17   | cps   |
| Magnesium  | 24-2  | 2347657   | 2383402   | 2363434   | 2364831   | 0.76   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-04DUPDLX5      | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS008-1218-01DU | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 18:32:49  | DataFile Name :   | 095SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 3627404  | 3665388  | 3678046  | 3656946  | 0.72   | cps   |
| Molybdenum | 94-1  | 68489    | 66455    | 68859    | 67934    | 1.91   | cps   |
| Molybdenum | 95-1  | 13999    | 13982    | 13373    | 13785    | 2.59   | cps   |
| Molybdenum | 96-1  | 27995    | 27903    | 27862    | 27920    | 0.24   | cps   |
| Molybdenum | 97-1  | 8361     | 7861     | 8336     | 8186     | 3.44   | cps   |
| Molybdenum | 98-1  | 22427    | 21083    | 21475    | 21662    | 3.19   | cps   |
| Neodymium  | 150-1 | 83096    | 81172    | 80696    | 81655    | 1.56   | cps   |
| Neodymium  | 150-2 | 32889    | 33761    | 32996    | 33216    | 1.43   | cps   |
| Nickel     | 60-2  | 57760    | 58068    | 58098    | 57975    | 0.32   | cps   |
| Phosphorus | 31-2  | 6310     | 6310     | 6652     | 6424     | 3.07   | cps   |
| Potassium  | 39-2  | 308800   | 314468   | 314331   | 312533   | 1.03   | cps   |
| Rhodium    | 103-1 | 7621434  | 7672446  | 7632691  | 7642190  | 0.35   | cps   |
| Rhodium    | 103-2 | 3326230  | 3420779  | 3407547  | 3384852  | 1.51   | cps   |
| Scandium   | 45-1  | 5876475  | 5951039  | 5901349  | 5909621  | 0.64   | cps   |
| Scandium   | 45-2  | 221027   | 225191   | 228315   | 224844   | 1.63   | cps   |
| Selenium   | 77-2  | 170      | 163      | 163      | 166      | 2.32   | cps   |
| Selenium   | 78-2  | 150      | 148      | 113      | 137      | 15.23  | cps   |
| Selenium   | 82-1  | 128      | 38       | 142      | 103      | 54.73  | cps   |
| Silicon    | 28-1  | 19561918 | 19381657 | 19509742 | 19484439 | 0.48   | cps   |
| Silver     | 109-1 | 1342     | 1317     | 1317     | 1325     | 1.09   | cps   |
| Silver     | 107-1 | 1859     | 1508     | 1725     | 1697     | 10.41  | cps   |
| Sodium     | 23-2  | 36086    | 36195    | 36328    | 36203    | 0.33   | cps   |
| Strontium  | 86-1  | 48759    | 47069    | 47814    | 47881    | 1.77   | cps   |
| Strontium  | 88-1  | 412155   | 406299   | 407939   | 408798   | 0.74   | cps   |
| Sulfur     | 34-1  | 286834   | 288322   | 282851   | 286002   | 0.99   | cps   |
| Terbium    | 159-1 | 11336168 | 11347874 | 11358414 | 11347485 | 0.10   | cps   |
| Terbium    | 159-2 | 5470751  | 5604995  | 5579210  | 5551652  | 1.28   | cps   |
| Thallium   | 203-1 | 1700     | 1659     | 1600     | 1653     | 3.04   | cps   |
| Thallium   | 205-1 | 4318     | 4459     | 4101     | 4293     | 4.21   | cps   |
| Thorium    | 232-1 | 234780   | 236283   | 229929   | 233664   | 1.42   | cps   |
| Tin        | 118-1 | 3584     | 3667     | 3476     | 3576     | 2.69   | cps   |
| Titanium   | 47-1  | 58701    | 57881    | 57864    | 58149    | 0.82   | cps   |
| Uranium    | 238-1 | 29577    | 28582    | 28449    | 28869    | 2.13   | cps   |
| Vanadium   | 51-2  | 75123    | 77023    | 75971    | 76039    | 1.25   | cps   |
| Yttrium    | 89-1  | 9778147  | 9775654  | 9785876  | 9779892  | 0.05   | cps   |
| Yttrium    | 89-2  | 1276371  | 1299798  | 1296768  | 1290979  | 0.99   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-04DUPDLX5      | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS008-1218-01DU | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 18:32:49  | DataFile Name :   | 095SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 167613 | 168573 | 168165 | 168117  | 0.29   | cps   |
| Zirconium | 90-1 | 168892 | 164534 | 163850 | 165758  | 1.65   | cps   |
| Zirconium | 91-1 | 37183  | 36882  | 36882  | 36982   | 0.47   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-04LDLX25 Instrumnet Name : P7  
 Client Sample ID : P001-SS008-1218-01LDI Dilution Factor : 25  
 Date & Time Acquired :: 2018-12-27 18:36:26 DataFile Name : 096SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 582718   | 576172   | 584506   | 581132   | 0.75   | cps   |
| Antimony   | 121-1 | 225      | 317      | 267      | 269      | 17.04  | cps   |
| Arsenic    | 75-2  | 835      | 854      | 863      | 851      | 1.66   | cps   |
| Barium     | 135-1 | 153632   | 154053   | 155889   | 154525   | 0.78   | cps   |
| Barium     | 137-1 | 270961   | 272991   | 270487   | 271480   | 0.49   | cps   |
| Beryllium  | 9-1   | 1033     | 1011     | 1150     | 1065     | 7.01   | cps   |
| Bismuth    | 209-1 | 7872887  | 7905371  | 7877169  | 7885142  | 0.22   | cps   |
| Bismuth    | 209-2 | 4373513  | 4358950  | 4409138  | 4380533  | 0.59   | cps   |
| Boron      | 10-1  | 1483     | 1325     | 1400     | 1403     | 5.65   | cps   |
| Boron      | 11-1  | 6185     | 6218     | 6060     | 6154     | 1.36   | cps   |
| Cadmium    | 111-1 | 3100     | 3132     | 2879     | 3037     | 4.54   | cps   |
| Cadmium    | 106-1 | 3926     | 3942     | 3567     | 3812     | 5.56   | cps   |
| Cadmium    | 108-1 | 104      | 117      | 79       | 100      | 19.09  | cps   |
| Calcium    | 43-1  | 19280    | 20356    | 20156    | 19931    | 2.87   | cps   |
| Calcium    | 44-1  | 325522   | 319136   | 319747   | 321468   | 1.10   | cps   |
| Chromium   | 52-2  | 23098    | 22831    | 23843    | 23257    | 2.25   | cps   |
| Cobalt     | 59-2  | 20765    | 20711    | 20885    | 20787    | 0.43   | cps   |
| Copper     | 63-2  | 45344    | 46079    | 45785    | 45736    | 0.81   | cps   |
| Dysprosium | 156-1 | 15685    | 14550    | 15392    | 15209    | 3.87   | cps   |
| Dysprosium | 156-2 | 7779     | 8163     | 7966     | 7969     | 2.41   | cps   |
| Erbium     | 164-1 | 14425    | 13774    | 13624    | 13941    | 3.05   | cps   |
| Erbium     | 164-2 | 7089     | 6959     | 7012     | 7020     | 0.93   | cps   |
| Gadolinium | 160-1 | 14900    | 15309    | 15025    | 15078    | 1.39   | cps   |
| Gadolinium | 160-2 | 8883     | 8539     | 8583     | 8668     | 2.16   | cps   |
| Holmium    | 165-1 | 11178310 | 11310763 | 11329112 | 11272728 | 0.73   | cps   |
| Holmium    | 165-2 | 5698644  | 5706890  | 5726916  | 5710817  | 0.25   | cps   |
| Indium     | 115-1 | 8794722  | 8804959  | 8879386  | 8826355  | 0.52   | cps   |
| Indium     | 115-2 | 1633845  | 1641148  | 1640186  | 1638393  | 0.24   | cps   |
| Iron       | 56-2  | 30135897 | 29817691 | 30130321 | 30027969 | 0.61   | cps   |
| Iron       | 57-2  | 704460   | 710365   | 715985   | 710270   | 0.81   | cps   |
| Krypton    | 83-1  | 363      | 343      | 367      | 358      | 3.53   | cps   |
| Lead       | 206-1 | 826398   | 823235   | 821337   | 823657   | 0.31   | cps   |
| Lead       | 207-1 | 689352   | 687025   | 682502   | 686293   | 0.51   | cps   |
| Lead       | 208-1 | 3224374  | 3216249  | 3188851  | 3209825  | 0.58   | cps   |
| Lithium    | 6-1   | 3633486  | 3630526  | 3638219  | 3634077  | 0.11   | cps   |
| Magnesium  | 24-2  | 481164   | 479109   | 482667   | 480980   | 0.37   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-04LDLX25 Instrumnet Name : P7  
 Client Sample ID : P001-SS008-1218-01LDI Dilution Factor : 25  
 Date & Time Acquired :: 2018-12-27 18:36:26 DataFile Name : 096SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 735800   | 730629   | 736391   | 734273   | 0.43   | cps   |
| Molybdenum | 94-1  | 14249    | 13941    | 14041    | 14077    | 1.12   | cps   |
| Molybdenum | 95-1  | 2917     | 3075     | 3067     | 3020     | 2.95   | cps   |
| Molybdenum | 96-1  | 5876     | 5835     | 5518     | 5743     | 3.41   | cps   |
| Molybdenum | 97-1  | 1900     | 1842     | 1800     | 1847     | 2.72   | cps   |
| Molybdenum | 98-1  | 4501     | 4384     | 4584     | 4490     | 2.24   | cps   |
| Neodymium  | 150-1 | 17111    | 16784    | 16110    | 16668    | 3.06   | cps   |
| Neodymium  | 150-2 | 6492     | 6548     | 6362     | 6467     | 1.48   | cps   |
| Nickel     | 60-2  | 11875    | 11795    | 11932    | 11867    | 0.58   | cps   |
| Phosphorus | 31-2  | 1333     | 1300     | 1408     | 1347     | 4.12   | cps   |
| Potassium  | 39-2  | 73072    | 76740    | 75794    | 75202    | 2.53   | cps   |
| Rhodium    | 103-1 | 7918868  | 7992769  | 7982894  | 7964844  | 0.50   | cps   |
| Rhodium    | 103-2 | 3467824  | 3470214  | 3495485  | 3477841  | 0.44   | cps   |
| Scandium   | 45-1  | 5960258  | 5932019  | 6007077  | 5966451  | 0.64   | cps   |
| Scandium   | 45-2  | 220520   | 222223   | 223845   | 222196   | 0.75   | cps   |
| Selenium   | 77-2  | 33       | 17       | 33       | 28       | 34.63  | cps   |
| Selenium   | 78-2  | 61       | 80       | 78       | 73       | 14.00  | cps   |
| Selenium   | 82-1  | 96       | 23       | 44       | 55       | 68.44  | cps   |
| Silicon    | 28-1  | 4127932  | 4098625  | 4082803  | 4103120  | 0.56   | cps   |
| Silver     | 109-1 | 392      | 342      | 392      | 375      | 7.70   | cps   |
| Silver     | 107-1 | 475      | 392      | 350      | 406      | 15.69  | cps   |
| Sodium     | 23-2  | 22651    | 21908    | 21942    | 22167    | 1.89   | cps   |
| Strontium  | 86-1  | 10454    | 10121    | 10112    | 10229    | 1.91   | cps   |
| Strontium  | 88-1  | 85664    | 86294    | 84021    | 85327    | 1.38   | cps   |
| Sulfur     | 34-1  | 271513   | 268690   | 270065   | 270089   | 0.52   | cps   |
| Terbium    | 159-1 | 11397612 | 11464517 | 11595487 | 11485872 | 0.88   | cps   |
| Terbium    | 159-2 | 5534596  | 5570748  | 5566342  | 5557229  | 0.35   | cps   |
| Thallium   | 203-1 | 642      | 583      | 583      | 603      | 5.59   | cps   |
| Thallium   | 205-1 | 1517     | 1417     | 1392     | 1442     | 4.59   | cps   |
| Thorium    | 232-1 | 47147    | 46349    | 46572    | 46689    | 0.88   | cps   |
| Tin        | 118-1 | 1475     | 1634     | 1617     | 1575     | 5.52   | cps   |
| Titanium   | 47-1  | 11488    | 12005    | 11413    | 11636    | 2.77   | cps   |
| Uranium    | 238-1 | 5902     | 5626     | 5635     | 5721     | 2.74   | cps   |
| Vanadium   | 51-2  | 15205    | 15552    | 15745    | 15501    | 1.77   | cps   |
| Yttrium    | 89-1  | 9222686  | 9289289  | 9340983  | 9284320  | 0.64   | cps   |
| Yttrium    | 89-2  | 1209971  | 1210300  | 1222940  | 1214404  | 0.61   | cps   |

|                         |                       |                   |           |
|-------------------------|-----------------------|-------------------|-----------|
| LB Number :             | LB100071              | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-04LDLX25        | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS008-1218-01LDI | Dilution Factor : | 25        |
| Date & Time Acquired :: | 2018-12-27 18:36:26   | DataFile Name :   | 096SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zinc      | 66-2 | 35463 | 35741 | 36041 | 35748   | 0.81   | cps   |
| Zirconium | 90-1 | 34083 | 34618 | 33098 | 33933   | 2.27   | cps   |
| Zirconium | 91-1 | 8253  | 7611  | 7852  | 7905    | 4.10   | cps   |



LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-04MSDLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS008-1218-01MS Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 18:40:00 DataFile Name : 097SMPL.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 3116413   | 3142514   | 3079729   | 3112886   | 1.01   | cps   |
| Antimony   | 121-1 | 206675    | 205523    | 203385    | 205194    | 0.81   | cps   |
| Arsenic    | 75-2  | 28699     | 28272     | 27864     | 28278     | 1.48   | cps   |
| Barium     | 135-1 | 1730950   | 1708903   | 1713306   | 1717720   | 0.68   | cps   |
| Barium     | 137-1 | 3028698   | 3017806   | 3021136   | 3022547   | 0.18   | cps   |
| Beryllium  | 9-1   | 271706    | 272508    | 269207    | 271140    | 0.63   | cps   |
| Bismuth    | 209-1 | 7488159   | 7516202   | 7368453   | 7457605   | 1.05   | cps   |
| Bismuth    | 209-2 | 4211786   | 4232340   | 4170884   | 4205003   | 0.74   | cps   |
| Boron      | 10-1  | 42469     | 45135     | 45644     | 44416     | 3.84   | cps   |
| Boron      | 11-1  | 197591    | 202335    | 199281    | 199736    | 1.20   | cps   |
| Cadmium    | 111-1 | 234518    | 232895    | 231884    | 233099    | 0.57   | cps   |
| Cadmium    | 106-1 | 28964     | 29624     | 29206     | 29265     | 1.14   | cps   |
| Cadmium    | 108-1 | 17811     | 18170     | 17257     | 17746     | 2.59   | cps   |
| Calcium    | 43-1  | 364449    | 359848    | 362333    | 362210    | 0.64   | cps   |
| Calcium    | 44-1  | 5871871   | 5873776   | 5803089   | 5849579   | 0.69   | cps   |
| Chromium   | 52-2  | 333751    | 337151    | 331570    | 334157    | 0.84   | cps   |
| Cobalt     | 59-2  | 469401    | 472847    | 465692    | 469313    | 0.76   | cps   |
| Copper     | 63-2  | 706280    | 714941    | 702854    | 708025    | 0.88   | cps   |
| Dysprosium | 156-1 | 71796     | 73212     | 72106     | 72371     | 1.03   | cps   |
| Dysprosium | 156-2 | 37742     | 38524     | 37735     | 38000     | 1.19   | cps   |
| Erbium     | 164-1 | 66747     | 65199     | 64126     | 65357     | 2.02   | cps   |
| Erbium     | 164-2 | 33598     | 34313     | 33665     | 33859     | 1.17   | cps   |
| Gadolinium | 160-1 | 71353     | 71773     | 70893     | 71340     | 0.62   | cps   |
| Gadolinium | 160-2 | 41443     | 41914     | 40323     | 41226     | 1.98   | cps   |
| Holmium    | 165-1 | 10923785  | 11074931  | 10857626  | 10952114  | 1.02   | cps   |
| Holmium    | 165-2 | 5636371   | 5720674   | 5657617   | 5671554   | 0.77   | cps   |
| Indium     | 115-1 | 8430062   | 8472031   | 8348109   | 8416734   | 0.75   | cps   |
| Indium     | 115-2 | 1576054   | 1592098   | 1558129   | 1575427   | 1.08   | cps   |
| Iron       | 56-2  | 163581693 | 161092626 | 159912631 | 161528983 | 1.16   | cps   |
| Iron       | 57-2  | 3858057   | 3871032   | 3808211   | 3845767   | 0.86   | cps   |
| Krypton    | 83-1  | 460       | 480       | 447       | 462       | 3.63   | cps   |
| Lead       | 206-1 | 4719180   | 4652107   | 4616029   | 4662439   | 1.12   | cps   |
| Lead       | 207-1 | 3979889   | 3928817   | 3902101   | 3936936   | 1.00   | cps   |
| Lead       | 208-1 | 18755387  | 18672662  | 18474733  | 18634261  | 0.77   | cps   |
| Lithium    | 6-1   | 3546166   | 3567270   | 3530652   | 3548029   | 0.52   | cps   |
| Magnesium  | 24-2  | 4667922   | 4680105   | 4592423   | 4646817   | 1.02   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-04MSDLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS008-1218-01MS Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 18:40:00 DataFile Name : 097SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 4153533  | 4115642  | 4079796  | 4116324  | 0.90   | cps   |
| Molybdenum | 94-1  | 1543190  | 1522942  | 1532722  | 1532951  | 0.66   | cps   |
| Molybdenum | 95-1  | 1855414  | 1838353  | 1843050  | 1845606  | 0.48   | cps   |
| Molybdenum | 96-1  | 2044370  | 2028661  | 2021749  | 2031594  | 0.57   | cps   |
| Molybdenum | 97-1  | 1155055  | 1143969  | 1137185  | 1145403  | 0.79   | cps   |
| Molybdenum | 98-1  | 2980028  | 2977023  | 2934293  | 2963781  | 0.86   | cps   |
| Neodymium  | 150-1 | 80481    | 81903    | 81132    | 81172    | 0.88   | cps   |
| Neodymium  | 150-2 | 32305    | 32956    | 31593    | 32285    | 2.11   | cps   |
| Nickel     | 60-2  | 156306   | 155160   | 154346   | 155271   | 0.63   | cps   |
| Phosphorus | 31-2  | 6393     | 5976     | 5501     | 5957     | 7.49   | cps   |
| Potassium  | 39-2  | 1097741  | 1103812  | 1082829  | 1094794  | 0.99   | cps   |
| Rhodium    | 103-1 | 7474701  | 7535871  | 7419711  | 7476761  | 0.78   | cps   |
| Rhodium    | 103-2 | 3313141  | 3309085  | 3287604  | 3303277  | 0.42   | cps   |
| Scandium   | 45-1  | 5847933  | 5880436  | 5813217  | 5847195  | 0.57   | cps   |
| Scandium   | 45-2  | 222536   | 222799   | 219937   | 221757   | 0.71   | cps   |
| Selenium   | 77-2  | 840      | 883      | 803      | 842      | 4.76   | cps   |
| Selenium   | 78-2  | 2443     | 2735     | 2552     | 2577     | 5.74   | cps   |
| Selenium   | 82-1  | 17466    | 17676    | 17652    | 17598    | 0.65   | cps   |
| Silicon    | 28-1  | 31444835 | 31365025 | 31375669 | 31395176 | 0.14   | cps   |
| Silver     | 109-1 | 937015   | 919856   | 912410   | 923094   | 1.37   | cps   |
| Silver     | 107-1 | 956070   | 962886   | 941816   | 953591   | 1.13   | cps   |
| Sodium     | 23-2  | 3451100  | 3479369  | 3402516  | 3444328  | 1.13   | cps   |
| Strontium  | 86-1  | 316927   | 316842   | 315975   | 316581   | 0.17   | cps   |
| Strontium  | 88-1  | 2749816  | 2749249  | 2713159  | 2737408  | 0.77   | cps   |
| Sulfur     | 34-1  | 281069   | 282185   | 274665   | 279306   | 1.45   | cps   |
| Terbium    | 159-1 | 11270565 | 11311304 | 11118293 | 11233388 | 0.91   | cps   |
| Terbium    | 159-2 | 5505206  | 5523406  | 5420995  | 5483202  | 1.00   | cps   |
| Thallium   | 203-1 | 799779   | 802020   | 793845   | 798548   | 0.53   | cps   |
| Thallium   | 205-1 | 1934898  | 1926276  | 1913456  | 1924877  | 0.56   | cps   |
| Thorium    | 232-1 | 265112   | 266552   | 266615   | 266093   | 0.32   | cps   |
| Tin        | 118-1 | 335009   | 332907   | 337833   | 335250   | 0.74   | cps   |
| Titanium   | 47-1  | 552831   | 549779   | 548153   | 550254   | 0.43   | cps   |
| Uranium    | 238-1 | 2981119  | 2990019  | 2984330  | 2985156  | 0.15   | cps   |
| Vanadium   | 51-2  | 251952   | 256379   | 251826   | 253386   | 1.02   | cps   |
| Yttrium    | 89-1  | 9602393  | 9678131  | 9536673  | 9605732  | 0.74   | cps   |
| Yttrium    | 89-2  | 1272679  | 1272365  | 1260674  | 1268573  | 0.54   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-04MSDLX5       | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS008-1218-01MS | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 18:40:00  | DataFile Name :   | 097SMPL.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 253092  | 251830  | 250269  | 251730  | 0.56   | cps   |
| Zirconium | 90-1 | 1342756 | 1335210 | 1326302 | 1334756 | 0.62   | cps   |
| Zirconium | 91-1 | 303137  | 300929  | 296040  | 300035  | 1.21   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-04MSDDLX5      | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS008-1218-01MS | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 18:43:37  | DataFile Name :   | 098SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 3000621   | 3065842   | 3042354   | 3036272   | 1.09   | cps   |
| Antimony   | 121-1 | 253210    | 251532    | 251661    | 252135    | 0.37   | cps   |
| Arsenic    | 75-2  | 28949     | 29651     | 29343     | 29314     | 1.20   | cps   |
| Barium     | 135-1 | 1738401   | 1735255   | 1733282   | 1735646   | 0.15   | cps   |
| Barium     | 137-1 | 3061338   | 3034120   | 3054128   | 3049862   | 0.46   | cps   |
| Beryllium  | 9-1   | 290870    | 290574    | 291179    | 290874    | 0.10   | cps   |
| Bismuth    | 209-1 | 7360714   | 7405163   | 7353131   | 7373003   | 0.38   | cps   |
| Bismuth    | 209-2 | 4018017   | 4134949   | 4128043   | 4093670   | 1.60   | cps   |
| Boron      | 10-1  | 48110     | 50218     | 50334     | 49554     | 2.53   | cps   |
| Boron      | 11-1  | 219935    | 224393    | 223227    | 222518    | 1.04   | cps   |
| Cadmium    | 111-1 | 250342    | 253376    | 251662    | 251793    | 0.60   | cps   |
| Cadmium    | 106-1 | 30225     | 31878     | 31068     | 31057     | 2.66   | cps   |
| Cadmium    | 108-1 | 18963     | 19151     | 19218     | 19110     | 0.69   | cps   |
| Calcium    | 43-1  | 382764    | 382936    | 383349    | 383016    | 0.08   | cps   |
| Calcium    | 44-1  | 6233293   | 6219785   | 6248053   | 6233710   | 0.23   | cps   |
| Chromium   | 52-2  | 347520    | 353061    | 353800    | 351460    | 0.98   | cps   |
| Cobalt     | 59-2  | 481559    | 496692    | 492573    | 490275    | 1.60   | cps   |
| Copper     | 63-2  | 730659    | 746990    | 742017    | 739889    | 1.13   | cps   |
| Dysprosium | 156-1 | 74955     | 75625     | 74679     | 75087     | 0.65   | cps   |
| Dysprosium | 156-2 | 37719     | 38561     | 38594     | 38291     | 1.30   | cps   |
| Erbium     | 164-1 | 67861     | 68280     | 67576     | 67906     | 0.52   | cps   |
| Erbium     | 164-2 | 33982     | 36021     | 34654     | 34886     | 2.98   | cps   |
| Gadolinium | 160-1 | 72266     | 73205     | 75391     | 73620     | 2.18   | cps   |
| Gadolinium | 160-2 | 42071     | 42379     | 42639     | 42363     | 0.67   | cps   |
| Holmium    | 165-1 | 10730158  | 10966789  | 10788496  | 10828481  | 1.14   | cps   |
| Holmium    | 165-2 | 5414692   | 5575188   | 5520275   | 5503385   | 1.48   | cps   |
| Indium     | 115-1 | 8232389   | 8283204   | 8241363   | 8252318   | 0.33   | cps   |
| Indium     | 115-2 | 1522721   | 1545776   | 1541881   | 1536793   | 0.80   | cps   |
| Iron       | 56-2  | 156044787 | 159150665 | 158481520 | 157892324 | 1.04   | cps   |
| Iron       | 57-2  | 3693214   | 3778429   | 3759608   | 3743750   | 1.20   | cps   |
| Krypton    | 83-1  | 413       | 387       | 453       | 418       | 8.03   | cps   |
| Lead       | 206-1 | 4492902   | 4546327   | 4496166   | 4511798   | 0.66   | cps   |
| Lead       | 207-1 | 3805911   | 3773705   | 3814296   | 3797971   | 0.56   | cps   |
| Lead       | 208-1 | 18031187  | 17963475  | 18016475  | 18003712  | 0.20   | cps   |
| Lithium    | 6-1   | 3499277   | 3495103   | 3496874   | 3497085   | 0.06   | cps   |
| Magnesium  | 24-2  | 4639757   | 4684974   | 4688121   | 4670950   | 0.58   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-04MSDDLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS008-1218-01MS Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 18:43:37 DataFile Name : 098SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 3430287  | 3534879  | 3513022  | 3492729  | 1.58   | cps   |
| Molybdenum | 94-1  | 1684489  | 1679819  | 1705296  | 1689868  | 0.80   | cps   |
| Molybdenum | 95-1  | 2005883  | 2019023  | 2009178  | 2011361  | 0.34   | cps   |
| Molybdenum | 96-1  | 2238089  | 2230913  | 2254779  | 2241260  | 0.55   | cps   |
| Molybdenum | 97-1  | 1246374  | 1239251  | 1241710  | 1242445  | 0.29   | cps   |
| Molybdenum | 98-1  | 3199627  | 3218781  | 3210947  | 3209785  | 0.30   | cps   |
| Neodymium  | 150-1 | 80253    | 79817    | 80723    | 80265    | 0.56   | cps   |
| Neodymium  | 150-2 | 31543    | 32415    | 32672    | 32210    | 1.84   | cps   |
| Nickel     | 60-2  | 156586   | 160372   | 161100   | 159353   | 1.52   | cps   |
| Phosphorus | 31-2  | 6052     | 5626     | 6210     | 5963     | 5.06   | cps   |
| Potassium  | 39-2  | 1165451  | 1192903  | 1189592  | 1182649  | 1.27   | cps   |
| Rhodium    | 103-1 | 7326827  | 7362664  | 7287630  | 7325707  | 0.51   | cps   |
| Rhodium    | 103-2 | 3168605  | 3209824  | 3230442  | 3202957  | 0.98   | cps   |
| Scandium   | 45-1  | 5744468  | 5748505  | 5717325  | 5736766  | 0.30   | cps   |
| Scandium   | 45-2  | 212120   | 217868   | 215237   | 215075   | 1.34   | cps   |
| Selenium   | 77-2  | 910      | 917      | 900      | 909      | 0.92   | cps   |
| Selenium   | 78-2  | 2687     | 2685     | 2804     | 2726     | 2.49   | cps   |
| Selenium   | 82-1  | 18326    | 18709    | 18371    | 18469    | 1.13   | cps   |
| Silicon    | 28-1  | 29702898 | 29299704 | 29525613 | 29509405 | 0.68   | cps   |
| Silver     | 109-1 | 1024337  | 1019933  | 1015456  | 1019908  | 0.44   | cps   |
| Silver     | 107-1 | 1061966  | 1062290  | 1059140  | 1061132  | 0.16   | cps   |
| Sodium     | 23-2  | 3680722  | 3701634  | 3702214  | 3694857  | 0.33   | cps   |
| Strontium  | 86-1  | 337970   | 337451   | 336589   | 337336   | 0.21   | cps   |
| Strontium  | 88-1  | 2934226  | 2952841  | 2920894  | 2935987  | 0.55   | cps   |
| Sulfur     | 34-1  | 271073   | 269546   | 273032   | 271217   | 0.64   | cps   |
| Terbium    | 159-1 | 10995211 | 11161978 | 11089871 | 11082353 | 0.75   | cps   |
| Terbium    | 159-2 | 5295186  | 5369164  | 5349461  | 5337937  | 0.72   | cps   |
| Thallium   | 203-1 | 889762   | 885283   | 888066   | 887703   | 0.25   | cps   |
| Thallium   | 205-1 | 2151313  | 2143278  | 2150911  | 2148501  | 0.21   | cps   |
| Thorium    | 232-1 | 246446   | 245572   | 246683   | 246234   | 0.24   | cps   |
| Tin        | 118-1 | 415044   | 419752   | 416248   | 417015   | 0.59   | cps   |
| Titanium   | 47-1  | 629596   | 620336   | 616503   | 622145   | 1.08   | cps   |
| Uranium    | 238-1 | 3277652  | 3250702  | 3265335  | 3264563  | 0.41   | cps   |
| Vanadium   | 51-2  | 262503   | 269289   | 267054   | 266282   | 1.30   | cps   |
| Yttrium    | 89-1  | 9468426  | 9542604  | 9459146  | 9490059  | 0.48   | cps   |
| Yttrium    | 89-2  | 1226011  | 1241822  | 1252847  | 1240227  | 1.09   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-04MSDDLX5      | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS008-1218-01MS | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 18:43:37  | DataFile Name :   | 098SMPL.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 243835  | 249372  | 246445  | 246551  | 1.12   | cps   |
| Zirconium | 90-1 | 1515736 | 1501145 | 1512305 | 1509729 | 0.51   | cps   |
| Zirconium | 91-1 | 333625  | 336012  | 338817  | 336152  | 0.77   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-04ADLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS008-1218-01ADL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 18:47:13 DataFile Name : 099SMPL.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 3032766   | 3035040   | 3042408   | 3036738   | 0.17   | cps   |
| Antimony   | 121-1 | 237450    | 237220    | 239073    | 237914    | 0.42   | cps   |
| Arsenic    | 75-2  | 29584     | 29500     | 30153     | 29746     | 1.20   | cps   |
| Barium     | 135-1 | 1746715   | 1734589   | 1729432   | 1736912   | 0.51   | cps   |
| Barium     | 137-1 | 3060643   | 3065951   | 3058482   | 3061692   | 0.13   | cps   |
| Beryllium  | 9-1   | 285983    | 286500    | 287166    | 286550    | 0.21   | cps   |
| Bismuth    | 209-1 | 7389790   | 7311646   | 7344531   | 7348656   | 0.53   | cps   |
| Bismuth    | 209-2 | 4108365   | 4124333   | 4192063   | 4141587   | 1.07   | cps   |
| Boron      | 10-1  | 47618     | 48779     | 49724     | 48707     | 2.17   | cps   |
| Boron      | 11-1  | 211816    | 220829    | 220944    | 217863    | 2.40   | cps   |
| Cadmium    | 111-1 | 249954    | 250633    | 250753    | 250446    | 0.17   | cps   |
| Cadmium    | 106-1 | 31277     | 30651     | 32196     | 31375     | 2.48   | cps   |
| Cadmium    | 108-1 | 18763     | 19034     | 19268     | 19021     | 1.33   | cps   |
| Calcium    | 43-1  | 381691    | 374783    | 373401    | 376625    | 1.18   | cps   |
| Calcium    | 44-1  | 6184483   | 6149607   | 6133370   | 6155820   | 0.42   | cps   |
| Chromium   | 52-2  | 351475    | 349262    | 351312    | 350683    | 0.35   | cps   |
| Cobalt     | 59-2  | 489952    | 493432    | 497203    | 493529    | 0.73   | cps   |
| Copper     | 63-2  | 733486    | 745450    | 742825    | 740587    | 0.85   | cps   |
| Dysprosium | 156-1 | 72349     | 70758     | 71873     | 71660     | 1.14   | cps   |
| Dysprosium | 156-2 | 37063     | 37979     | 38066     | 37703     | 1.47   | cps   |
| Erbium     | 164-1 | 65994     | 65994     | 64897     | 65628     | 0.97   | cps   |
| Erbium     | 164-2 | 33608     | 34109     | 34320     | 34013     | 1.07   | cps   |
| Gadolinium | 160-1 | 72945     | 70498     | 71922     | 71789     | 1.71   | cps   |
| Gadolinium | 160-2 | 41235     | 41830     | 41596     | 41554     | 0.72   | cps   |
| Holmium    | 165-1 | 10881284  | 10989091  | 10792819  | 10887731  | 0.90   | cps   |
| Holmium    | 165-2 | 5546310   | 5559851   | 5658972   | 5588378   | 1.10   | cps   |
| Indium     | 115-1 | 8282784   | 8296191   | 8212070   | 8263682   | 0.55   | cps   |
| Indium     | 115-2 | 1537982   | 1548528   | 1556897   | 1547802   | 0.61   | cps   |
| Iron       | 56-2  | 159187009 | 158336209 | 159190304 | 158904507 | 0.31   | cps   |
| Iron       | 57-2  | 3744951   | 3770813   | 3769555   | 3761773   | 0.39   | cps   |
| Krypton    | 83-1  | 460       | 430       | 430       | 440       | 3.94   | cps   |
| Lead       | 206-1 | 4563704   | 4526717   | 4550056   | 4546826   | 0.41   | cps   |
| Lead       | 207-1 | 3860270   | 3797028   | 3840549   | 3832615   | 0.84   | cps   |
| Lead       | 208-1 | 18281045  | 18008824  | 18185454  | 18158441  | 0.76   | cps   |
| Lithium    | 6-1   | 3463514   | 3460546   | 3436108   | 3453390   | 0.44   | cps   |
| Magnesium  | 24-2  | 4714223   | 4676479   | 4718856   | 4703186   | 0.49   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-04ADLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS008-1218-01ADL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 18:47:13 DataFile Name : 099SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 3730762  | 3731854  | 3742794  | 3735137  | 0.18   | cps   |
| Molybdenum | 94-1  | 1670541  | 1662517  | 1658787  | 1663948  | 0.36   | cps   |
| Molybdenum | 95-1  | 1993039  | 1989845  | 1988313  | 1990399  | 0.12   | cps   |
| Molybdenum | 96-1  | 2214395  | 2204162  | 2219243  | 2212600  | 0.35   | cps   |
| Molybdenum | 97-1  | 1241684  | 1234972  | 1235454  | 1237370  | 0.30   | cps   |
| Molybdenum | 98-1  | 3184149  | 3196920  | 3203347  | 3194805  | 0.31   | cps   |
| Neodymium  | 150-1 | 80944    | 78906    | 79495    | 79782    | 1.31   | cps   |
| Neodymium  | 150-2 | 31693    | 31653    | 31760    | 31702    | 0.17   | cps   |
| Nickel     | 60-2  | 159048   | 161649   | 160898   | 160532   | 0.83   | cps   |
| Phosphorus | 31-2  | 5826     | 5359     | 5960     | 5715     | 5.51   | cps   |
| Potassium  | 39-2  | 1162068  | 1153182  | 1174374  | 1163208  | 0.91   | cps   |
| Rhodium    | 103-1 | 7317163  | 7327461  | 7315969  | 7320197  | 0.09   | cps   |
| Rhodium    | 103-2 | 3223433  | 3247491  | 3257316  | 3242747  | 0.54   | cps   |
| Scandium   | 45-1  | 5722721  | 5731007  | 5694814  | 5716181  | 0.33   | cps   |
| Scandium   | 45-2  | 215889   | 215937   | 219008   | 216945   | 0.82   | cps   |
| Selenium   | 77-2  | 840      | 957      | 907      | 901      | 6.50   | cps   |
| Selenium   | 78-2  | 2778     | 2774     | 2708     | 2753     | 1.44   | cps   |
| Selenium   | 82-1  | 18578    | 18493    | 18574    | 18549    | 0.26   | cps   |
| Silicon    | 28-1  | 30175713 | 29903388 | 30027127 | 30035409 | 0.45   | cps   |
| Silver     | 109-1 | 1007791  | 1015130  | 1006888  | 1009936  | 0.45   | cps   |
| Silver     | 107-1 | 1035512  | 1035314  | 1039480  | 1036769  | 0.23   | cps   |
| Sodium     | 23-2  | 3678167  | 3681103  | 3689884  | 3683051  | 0.17   | cps   |
| Strontium  | 86-1  | 333636   | 330643   | 331945   | 332074   | 0.45   | cps   |
| Strontium  | 88-1  | 2911821  | 2888807  | 2904590  | 2901739  | 0.41   | cps   |
| Sulfur     | 34-1  | 269155   | 266801   | 265533   | 267163   | 0.69   | cps   |
| Terbium    | 159-1 | 11075450 | 11021877 | 11003612 | 11033646 | 0.34   | cps   |
| Terbium    | 159-2 | 5357981  | 5383801  | 5447731  | 5396505  | 0.86   | cps   |
| Thallium   | 203-1 | 881584   | 875403   | 875030   | 877339   | 0.42   | cps   |
| Thallium   | 205-1 | 2119585  | 2095350  | 2111381  | 2108772  | 0.58   | cps   |
| Thorium    | 232-1 | 254592   | 248420   | 252650   | 251887   | 1.25   | cps   |
| Tin        | 118-1 | 390409   | 389858   | 386315   | 388860   | 0.57   | cps   |
| Titanium   | 47-1  | 600468   | 603947   | 601805   | 602073   | 0.29   | cps   |
| Uranium    | 238-1 | 3228935  | 3201053  | 3222379  | 3217455  | 0.45   | cps   |
| Vanadium   | 51-2  | 264198   | 266079   | 265752   | 265343   | 0.38   | cps   |
| Yttrium    | 89-1  | 9462547  | 9389252  | 9388738  | 9413512  | 0.45   | cps   |
| Yttrium    | 89-2  | 1250893  | 1250237  | 1252223  | 1251118  | 0.08   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-04ADLX5        | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS008-1218-01AD | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 18:47:13  | DataFile Name :   | 099SMPL.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 248576  | 249729  | 251484  | 249930  | 0.59   | cps   |
| Zirconium | 90-1 | 1462859 | 1447311 | 1463804 | 1457991 | 0.64   | cps   |
| Zirconium | 91-1 | 324471  | 325476  | 328941  | 326296  | 0.72   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-05DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS008-1824-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 18:50:50 DataFile Name : 100SMPL.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 2830899   | 2822399   | 2855099   | 2836133   | 0.60   | cps   |
| Antimony   | 121-1 | 683       | 575       | 600       | 619       | 9.16   | cps   |
| Arsenic    | 75-2  | 4314      | 4145      | 4521      | 4327      | 4.35   | cps   |
| Barium     | 135-1 | 730830    | 728072    | 730742    | 729881    | 0.21   | cps   |
| Barium     | 137-1 | 1283112   | 1282095   | 1292044   | 1285750   | 0.43   | cps   |
| Beryllium  | 9-1   | 4590      | 4279      | 4584      | 4484      | 3.97   | cps   |
| Bismuth    | 209-1 | 7168262   | 7196781   | 7318477   | 7227840   | 1.10   | cps   |
| Bismuth    | 209-2 | 4085579   | 4108249   | 4171665   | 4121831   | 1.08   | cps   |
| Boron      | 10-1  | 3992      | 3551      | 3817      | 3787      | 5.88   | cps   |
| Boron      | 11-1  | 16385     | 16568     | 16093     | 16348     | 1.47   | cps   |
| Cadmium    | 111-1 | 4725      | 4847      | 4389      | 4654      | 5.10   | cps   |
| Cadmium    | 106-1 | 4509      | 4568      | 4192      | 4423      | 4.56   | cps   |
| Cadmium    | 108-1 | 421       | 375       | 388       | 394       | 6.01   | cps   |
| Calcium    | 43-1  | 92437     | 91617     | 92865     | 92307     | 0.69   | cps   |
| Calcium    | 44-1  | 1479151   | 1469109   | 1470394   | 1472885   | 0.37   | cps   |
| Chromium   | 52-2  | 104184    | 103225    | 103788    | 103733    | 0.46   | cps   |
| Cobalt     | 59-2  | 95253     | 93693     | 94649     | 94532     | 0.83   | cps   |
| Copper     | 63-2  | 206278    | 208621    | 209464    | 208121    | 0.79   | cps   |
| Dysprosium | 156-1 | 79455     | 78818     | 79372     | 79215     | 0.44   | cps   |
| Dysprosium | 156-2 | 40717     | 41195     | 41921     | 41278     | 1.47   | cps   |
| Erbium     | 164-1 | 68355     | 70759     | 70448     | 69854     | 1.87   | cps   |
| Erbium     | 164-2 | 37114     | 36385     | 36455     | 36651     | 1.10   | cps   |
| Gadolinium | 160-1 | 75886     | 77025     | 78467     | 77126     | 1.68   | cps   |
| Gadolinium | 160-2 | 45756     | 45669     | 45669     | 45698     | 0.11   | cps   |
| Holmium    | 165-1 | 10457927  | 10610111  | 10726435  | 10598158  | 1.27   | cps   |
| Holmium    | 165-2 | 5455261   | 5492840   | 5565963   | 5504688   | 1.02   | cps   |
| Indium     | 115-1 | 8030688   | 8139424   | 8263619   | 8144577   | 1.43   | cps   |
| Indium     | 115-2 | 1537967   | 1537486   | 1563464   | 1546306   | 0.96   | cps   |
| Iron       | 56-2  | 146314359 | 145294659 | 146375137 | 145994718 | 0.42   | cps   |
| Iron       | 57-2  | 3431415   | 3425143   | 3459007   | 3438522   | 0.52   | cps   |
| Krypton    | 83-1  | 453       | 430       | 430       | 438       | 3.08   | cps   |
| Lead       | 206-1 | 4233817   | 4164652   | 4250766   | 4216412   | 1.08   | cps   |
| Lead       | 207-1 | 3534824   | 3483053   | 3526851   | 3514909   | 0.79   | cps   |
| Lead       | 208-1 | 16756278  | 16626076  | 16894744  | 16759033  | 0.80   | cps   |
| Lithium    | 6-1   | 3360738   | 3370419   | 3419600   | 3383586   | 0.93   | cps   |
| Magnesium  | 24-2  | 2516790   | 2518736   | 2537669   | 2524398   | 0.46   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-05DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS008-1824-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 18:50:50 DataFile Name : 100SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 4097800  | 4085158  | 4122947  | 4101968  | 0.47   | cps   |
| Molybdenum | 94-1  | 69403    | 68557    | 69218    | 69059    | 0.64   | cps   |
| Molybdenum | 95-1  | 16118    | 16368    | 15259    | 15915    | 3.66   | cps   |
| Molybdenum | 96-1  | 30233    | 30199    | 29155    | 29862    | 2.05   | cps   |
| Molybdenum | 97-1  | 9820     | 9479     | 9587     | 9629     | 1.81   | cps   |
| Molybdenum | 98-1  | 24814    | 25048    | 24447    | 24770    | 1.22   | cps   |
| Neodymium  | 150-1 | 84176    | 86129    | 85210    | 85172    | 1.15   | cps   |
| Neodymium  | 150-2 | 34256    | 33798    | 34787    | 34280    | 1.44   | cps   |
| Nickel     | 60-2  | 56388    | 56368    | 55652    | 56136    | 0.75   | cps   |
| Phosphorus | 31-2  | 6702     | 6127     | 6527     | 6452     | 4.57   | cps   |
| Potassium  | 39-2  | 328267   | 331044   | 334687   | 331333   | 0.97   | cps   |
| Rhodium    | 103-1 | 7121220  | 7219994  | 7366931  | 7236049  | 1.71   | cps   |
| Rhodium    | 103-2 | 3226923  | 3228752  | 3287898  | 3247858  | 1.07   | cps   |
| Scandium   | 45-1  | 5521001  | 5571949  | 5661482  | 5584811  | 1.27   | cps   |
| Scandium   | 45-2  | 214066   | 213076   | 217624   | 214922   | 1.11   | cps   |
| Selenium   | 77-2  | 133      | 130      | 127      | 130      | 2.57   | cps   |
| Selenium   | 78-2  | 172      | 150      | 163      | 162      | 6.90   | cps   |
| Selenium   | 82-1  | 120      | 172      | 190      | 161      | 22.79  | cps   |
| Silicon    | 28-1  | 9746401  | 9709737  | 9789484  | 9748541  | 0.41   | cps   |
| Silver     | 109-1 | 1517     | 1433     | 1442     | 1464     | 3.14   | cps   |
| Silver     | 107-1 | 1809     | 1609     | 1467     | 1628     | 10.55  | cps   |
| Sodium     | 23-2  | 79695    | 77668    | 79796    | 79053    | 1.52   | cps   |
| Strontium  | 86-1  | 46393    | 46000    | 46342    | 46245    | 0.46   | cps   |
| Strontium  | 88-1  | 399362   | 398727   | 402237   | 400109   | 0.47   | cps   |
| Sulfur     | 34-1  | 269546   | 265746   | 271428   | 268906   | 1.08   | cps   |
| Terbium    | 159-1 | 10691217 | 10808143 | 10955493 | 10818285 | 1.22   | cps   |
| Terbium    | 159-2 | 5330242  | 5367304  | 5422460  | 5373335  | 0.86   | cps   |
| Thallium   | 203-1 | 2067     | 2059     | 1942     | 2022     | 3.46   | cps   |
| Thallium   | 205-1 | 4809     | 4393     | 4501     | 4568     | 4.73   | cps   |
| Thorium    | 232-1 | 232978   | 232806   | 232166   | 232650   | 0.18   | cps   |
| Tin        | 118-1 | 5243     | 5676     | 5001     | 5307     | 6.45   | cps   |
| Titanium   | 47-1  | 59278    | 57672    | 59362    | 58771    | 1.62   | cps   |
| Uranium    | 238-1 | 29401    | 27280    | 29175    | 28619    | 4.07   | cps   |
| Vanadium   | 51-2  | 77801    | 77864    | 78551    | 78072    | 0.53   | cps   |
| Yttrium    | 89-1  | 9249841  | 9311684  | 9392297  | 9317941  | 0.77   | cps   |
| Yttrium    | 89-2  | 1247094  | 1238444  | 1250080  | 1245206  | 0.49   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-05DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS008-1824-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 18:50:50  | DataFile Name :   | 100SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 164929 | 164708 | 166509 | 165382  | 0.59   | cps   |
| Zirconium | 90-1 | 168235 | 167983 | 169870 | 168696  | 0.61   | cps   |
| Zirconium | 91-1 | 36698  | 37659  | 37600  | 37319   | 1.44   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-06DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS009-0006-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 18:54:27 DataFile Name : 101SMPL.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 2635036   | 2646985   | 2615226   | 2632416   | 0.61   | cps   |
| Antimony   | 121-1 | 508       | 542       | 408       | 486       | 14.28  | cps   |
| Arsenic    | 75-2  | 3802      | 3804      | 3751      | 3786      | 0.81   | cps   |
| Barium     | 135-1 | 635690    | 632677    | 631197    | 633188    | 0.36   | cps   |
| Barium     | 137-1 | 1124283   | 1123500   | 1111666   | 1119816   | 0.63   | cps   |
| Beryllium  | 9-1   | 4312      | 3934      | 4090      | 4112      | 4.62   | cps   |
| Bismuth    | 209-1 | 7385367   | 7423940   | 7442577   | 7417294   | 0.39   | cps   |
| Bismuth    | 209-2 | 4153073   | 4183862   | 4207293   | 4181409   | 0.65   | cps   |
| Boron      | 10-1  | 2942      | 3075      | 2875      | 2964      | 3.44   | cps   |
| Boron      | 11-1  | 12897     | 12364     | 12748     | 12670     | 2.17   | cps   |
| Cadmium    | 111-1 | 4021      | 4447      | 4425      | 4298      | 5.59   | cps   |
| Cadmium    | 106-1 | 4259      | 4634      | 4568      | 4487      | 4.46   | cps   |
| Cadmium    | 108-1 | 325       | 383       | 371       | 360       | 8.54   | cps   |
| Calcium    | 43-1  | 144249    | 144323    | 143574    | 144048    | 0.29   | cps   |
| Calcium    | 44-1  | 2329378   | 2335390   | 2325832   | 2330200   | 0.21   | cps   |
| Chromium   | 52-2  | 83941     | 84272     | 84668     | 84294     | 0.43   | cps   |
| Cobalt     | 59-2  | 104811    | 103757    | 106416    | 104994    | 1.28   | cps   |
| Copper     | 63-2  | 162615    | 164030    | 162322    | 162989    | 0.56   | cps   |
| Dysprosium | 156-1 | 72317     | 69016     | 70146     | 70493     | 2.38   | cps   |
| Dysprosium | 156-2 | 36302     | 37314     | 37498     | 37038     | 1.74   | cps   |
| Erbium     | 164-1 | 63766     | 63406     | 65207     | 64126     | 1.49   | cps   |
| Erbium     | 164-2 | 33548     | 33020     | 33738     | 33435     | 1.11   | cps   |
| Gadolinium | 160-1 | 70582     | 68530     | 70004     | 69706     | 1.52   | cps   |
| Gadolinium | 160-2 | 40737     | 41172     | 41650     | 41186     | 1.11   | cps   |
| Holmium    | 165-1 | 10862102  | 10843867  | 10982675  | 10896215  | 0.69   | cps   |
| Holmium    | 165-2 | 5512125   | 5558771   | 5609585   | 5560160   | 0.88   | cps   |
| Indium     | 115-1 | 8356746   | 8342973   | 8383689   | 8361136   | 0.25   | cps   |
| Indium     | 115-2 | 1572187   | 1568649   | 1564938   | 1568591   | 0.23   | cps   |
| Iron       | 56-2  | 142154545 | 142223131 | 142120845 | 142166174 | 0.04   | cps   |
| Iron       | 57-2  | 3348851   | 3391868   | 3377462   | 3372727   | 0.65   | cps   |
| Krypton    | 83-1  | 447       | 443       | 393       | 428       | 6.98   | cps   |
| Lead       | 206-1 | 691584    | 686271    | 679956    | 685937    | 0.85   | cps   |
| Lead       | 207-1 | 584388    | 575056    | 569005    | 576149    | 1.35   | cps   |
| Lead       | 208-1 | 2709586   | 2687147   | 2659915   | 2685549   | 0.93   | cps   |
| Lithium    | 6-1   | 3471654   | 3470838   | 3468427   | 3470307   | 0.05   | cps   |
| Magnesium  | 24-2  | 2468646   | 2477971   | 2478323   | 2474980   | 0.22   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-06DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS009-0006-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 18:54:27 DataFile Name : 101SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 3746584  | 3779898  | 3760671  | 3762384  | 0.44   | cps   |
| Molybdenum | 94-1  | 64220    | 65115    | 63928    | 64421    | 0.96   | cps   |
| Molybdenum | 95-1  | 5568     | 6327     | 6560     | 6152     | 8.43   | cps   |
| Molybdenum | 96-1  | 19147    | 19306    | 19856    | 19436    | 1.92   | cps   |
| Molybdenum | 97-1  | 4084     | 3951     | 4101     | 4045     | 2.03   | cps   |
| Molybdenum | 98-1  | 9428     | 9820     | 9770     | 9673     | 2.21   | cps   |
| Neodymium  | 150-1 | 76707    | 78645    | 77189    | 77513    | 1.30   | cps   |
| Neodymium  | 150-2 | 31690    | 31453    | 31797    | 31646    | 0.56   | cps   |
| Nickel     | 60-2  | 55983    | 56382    | 56612    | 56326    | 0.56   | cps   |
| Phosphorus | 31-2  | 5435     | 5326     | 5343     | 5368     | 1.09   | cps   |
| Potassium  | 39-2  | 355406   | 355606   | 358703   | 356572   | 0.52   | cps   |
| Rhodium    | 103-1 | 7523379  | 7490627  | 7502974  | 7505660  | 0.22   | cps   |
| Rhodium    | 103-2 | 3302760  | 3320903  | 3294172  | 3305945  | 0.41   | cps   |
| Scandium   | 45-1  | 5765942  | 5763739  | 5805233  | 5778305  | 0.40   | cps   |
| Scandium   | 45-2  | 218141   | 218182   | 218557   | 218294   | 0.10   | cps   |
| Selenium   | 77-2  | 120      | 207      | 143      | 157      | 28.62  | cps   |
| Selenium   | 78-2  | 154      | 133      | 170      | 152      | 12.16  | cps   |
| Selenium   | 82-1  | 192      | 205      | 261      | 219      | 16.81  | cps   |
| Silicon    | 28-1  | 10599037 | 10655626 | 10594003 | 10616222 | 0.32   | cps   |
| Silver     | 109-1 | 850      | 800      | 717      | 789      | 8.54   | cps   |
| Silver     | 107-1 | 1025     | 908      | 908      | 947      | 7.11   | cps   |
| Sodium     | 23-2  | 75867    | 75808    | 76780    | 76152    | 0.72   | cps   |
| Strontium  | 86-1  | 68782    | 68757    | 68925    | 68821    | 0.13   | cps   |
| Strontium  | 88-1  | 601204   | 587131   | 596761   | 595032   | 1.21   | cps   |
| Sulfur     | 34-1  | 269693   | 267902   | 265281   | 267625   | 0.83   | cps   |
| Terbium    | 159-1 | 11112580 | 11116961 | 11102616 | 11110719 | 0.07   | cps   |
| Terbium    | 159-2 | 5385387  | 5417614  | 5465008  | 5422670  | 0.74   | cps   |
| Thallium   | 203-1 | 1342     | 1325     | 1275     | 1314     | 2.64   | cps   |
| Thallium   | 205-1 | 3309     | 3401     | 3251     | 3320     | 2.28   | cps   |
| Thorium    | 232-1 | 216953   | 214230   | 215038   | 215407   | 0.65   | cps   |
| Tin        | 118-1 | 3876     | 4017     | 4092     | 3995     | 2.75   | cps   |
| Titanium   | 47-1  | 42320    | 42470    | 42128    | 42306    | 0.41   | cps   |
| Uranium    | 238-1 | 36619    | 35992    | 36076    | 36229    | 0.94   | cps   |
| Vanadium   | 51-2  | 66050    | 65404    | 66014    | 65823    | 0.55   | cps   |
| Yttrium    | 89-1  | 9482185  | 9500073  | 9510506  | 9497588  | 0.15   | cps   |
| Yttrium    | 89-2  | 1253408  | 1255889  | 1245524  | 1251607  | 0.43   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-06DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS009-0006-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 18:54:27  | DataFile Name :   | 101SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 96093  | 95647  | 95798  | 95846   | 0.24   | cps   |
| Zirconium | 90-1 | 165749 | 165394 | 164576 | 165240  | 0.36   | cps   |
| Zirconium | 91-1 | 37024  | 37074  | 37442  | 37180   | 0.61   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-07DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS009-0612-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 18:58:03 DataFile Name : 102SMPL.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 3060227   | 3048479   | 3077050   | 3061919   | 0.47   | cps   |
| Antimony   | 121-1 | 358       | 442       | 383       | 394       | 10.84  | cps   |
| Arsenic    | 75-2  | 4595      | 4582      | 4521      | 4566      | 0.87   | cps   |
| Barium     | 135-1 | 613341    | 606487    | 596393    | 605407    | 1.41   | cps   |
| Barium     | 137-1 | 1082799   | 1064616   | 1066712   | 1071376   | 0.93   | cps   |
| Beryllium  | 9-1   | 4851      | 4651      | 4395      | 4632      | 4.93   | cps   |
| Bismuth    | 209-1 | 7457367   | 7489772   | 7445638   | 7464259   | 0.31   | cps   |
| Bismuth    | 209-2 | 4187881   | 4227733   | 4230594   | 4215403   | 0.57   | cps   |
| Boron      | 10-1  | 2367      | 2359      | 2392      | 2373      | 0.73   | cps   |
| Boron      | 11-1  | 10771     | 10496     | 10446     | 10571     | 1.66   | cps   |
| Cadmium    | 111-1 | 3838      | 3995      | 3837      | 3890      | 2.34   | cps   |
| Cadmium    | 106-1 | 4443      | 4626      | 4468      | 4512      | 2.20   | cps   |
| Cadmium    | 108-1 | 413       | 342       | 338       | 364       | 11.58  | cps   |
| Calcium    | 43-1  | 123125    | 123504    | 120504    | 122378    | 1.33   | cps   |
| Calcium    | 44-1  | 1987325   | 1997969   | 1981536   | 1988943   | 0.42   | cps   |
| Chromium   | 52-2  | 94078     | 95426     | 94835     | 94780     | 0.71   | cps   |
| Cobalt     | 59-2  | 109327    | 110529    | 109676    | 109844    | 0.56   | cps   |
| Copper     | 63-2  | 197200    | 198523    | 199357    | 198360    | 0.55   | cps   |
| Dysprosium | 156-1 | 84829     | 83051     | 82917     | 83599     | 1.28   | cps   |
| Dysprosium | 156-2 | 43302     | 45124     | 43960     | 44129     | 2.09   | cps   |
| Erbium     | 164-1 | 78250     | 79096     | 77922     | 78423     | 0.77   | cps   |
| Erbium     | 164-2 | 39226     | 40386     | 40299     | 39971     | 1.62   | cps   |
| Gadolinium | 160-1 | 84763     | 84141     | 85550     | 84818     | 0.83   | cps   |
| Gadolinium | 160-2 | 49158     | 48944     | 50162     | 49421     | 1.32   | cps   |
| Holmium    | 165-1 | 11033238  | 11054032  | 10980780  | 11022683  | 0.34   | cps   |
| Holmium    | 165-2 | 5611680   | 5644567   | 5648142   | 5634796   | 0.36   | cps   |
| Indium     | 115-1 | 8441809   | 8459825   | 8470066   | 8457234   | 0.17   | cps   |
| Indium     | 115-2 | 1570554   | 1576639   | 1590780   | 1579324   | 0.66   | cps   |
| Iron       | 56-2  | 160522137 | 160836159 | 160784931 | 160714409 | 0.10   | cps   |
| Iron       | 57-2  | 3768984   | 3787582   | 3799391   | 3785319   | 0.40   | cps   |
| Krypton    | 83-1  | 463       | 497       | 477       | 479       | 3.50   | cps   |
| Lead       | 206-1 | 864854    | 858074    | 855712    | 859547    | 0.55   | cps   |
| Lead       | 207-1 | 725315    | 723137    | 716100    | 721517    | 0.67   | cps   |
| Lead       | 208-1 | 3378201   | 3362376   | 3339655   | 3360077   | 0.58   | cps   |
| Lithium    | 6-1   | 3507397   | 3509035   | 3473005   | 3496479   | 0.58   | cps   |
| Magnesium  | 24-2  | 2698938   | 2708217   | 2743027   | 2716727   | 0.86   | cps   |



LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-07DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS009-0612-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 18:58:03 DataFile Name : 102SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 3874307  | 3913293  | 3892346  | 3893315  | 0.50   | cps   |
| Molybdenum | 94-1  | 71354    | 69184    | 69152    | 69897    | 1.81   | cps   |
| Molybdenum | 95-1  | 6510     | 6794     | 6443     | 6582     | 2.82   | cps   |
| Molybdenum | 96-1  | 21459    | 21584    | 21175    | 21406    | 0.98   | cps   |
| Molybdenum | 97-1  | 4309     | 4101     | 4167     | 4192     | 2.54   | cps   |
| Molybdenum | 98-1  | 10271    | 10754    | 10880    | 10635    | 3.02   | cps   |
| Neodymium  | 150-1 | 90402    | 89913    | 89878    | 90064    | 0.33   | cps   |
| Neodymium  | 150-2 | 36074    | 36846    | 37451    | 36790    | 1.88   | cps   |
| Nickel     | 60-2  | 57041    | 57690    | 58014    | 57582    | 0.86   | cps   |
| Phosphorus | 31-2  | 6860     | 6794     | 7010     | 6888     | 1.61   | cps   |
| Potassium  | 39-2  | 337621   | 339634   | 338505   | 338586   | 0.30   | cps   |
| Rhodium    | 103-1 | 7557434  | 7545704  | 7567145  | 7556761  | 0.14   | cps   |
| Rhodium    | 103-2 | 3308420  | 3352287  | 3353607  | 3338105  | 0.77   | cps   |
| Scandium   | 45-1  | 5833645  | 5856576  | 5846395  | 5845539  | 0.20   | cps   |
| Scandium   | 45-2  | 219325   | 220871   | 225245   | 221814   | 1.38   | cps   |
| Selenium   | 77-2  | 140      | 177      | 140      | 152      | 13.91  | cps   |
| Selenium   | 78-2  | 187      | 196      | 185      | 190      | 3.14   | cps   |
| Selenium   | 82-1  | 223      | 135      | 196      | 185      | 24.28  | cps   |
| Silicon    | 28-1  | 11353853 | 11365210 | 11324185 | 11347749 | 0.19   | cps   |
| Silver     | 109-1 | 908      | 892      | 892      | 897      | 1.07   | cps   |
| Silver     | 107-1 | 1200     | 1208     | 1283     | 1231     | 3.73   | cps   |
| Sodium     | 23-2  | 124479   | 123530   | 128345   | 125451   | 2.03   | cps   |
| Strontium  | 86-1  | 59374    | 58645    | 58411    | 58810    | 0.85   | cps   |
| Strontium  | 88-1  | 512475   | 517264   | 512174   | 513971   | 0.56   | cps   |
| Sulfur     | 34-1  | 261780   | 263253   | 265518   | 263517   | 0.71   | cps   |
| Terbium    | 159-1 | 11239453 | 11250345 | 11280646 | 11256815 | 0.19   | cps   |
| Terbium    | 159-2 | 5433153  | 5528365  | 5489025  | 5483515  | 0.87   | cps   |
| Thallium   | 203-1 | 1275     | 1225     | 1575     | 1358     | 13.94  | cps   |
| Thallium   | 205-1 | 3359     | 3609     | 3567     | 3512     | 3.81   | cps   |
| Thorium    | 232-1 | 247406   | 247645   | 247697   | 247582   | 0.06   | cps   |
| Tin        | 118-1 | 3584     | 3551     | 3384     | 3506     | 3.06   | cps   |
| Titanium   | 47-1  | 48397    | 47687    | 47619    | 47901    | 0.90   | cps   |
| Uranium    | 238-1 | 40631    | 40280    | 40581    | 40497    | 0.47   | cps   |
| Vanadium   | 51-2  | 76587    | 77948    | 76396    | 76977    | 1.10   | cps   |
| Yttrium    | 89-1  | 9845141  | 9901704  | 9798642  | 9848496  | 0.52   | cps   |
| Yttrium    | 89-2  | 1287478  | 1295234  | 1295165  | 1292626  | 0.34   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-07DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS009-0612-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 18:58:03  | DataFile Name :   | 102SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 99559  | 100533 | 100127 | 100073  | 0.49   | cps   |
| Zirconium | 90-1 | 182981 | 180026 | 181105 | 181371  | 0.82   | cps   |
| Zirconium | 91-1 | 40274  | 40859  | 39773  | 40302   | 1.35   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-08DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS009-1218-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 19:01:40 DataFile Name : 103SMPL.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 3193036   | 3153059   | 3164599   | 3170231   | 0.65   | cps   |
| Antimony   | 121-1 | 500       | 633       | 633       | 589       | 13.07  | cps   |
| Arsenic    | 75-2  | 5666      | 6003      | 5857      | 5842      | 2.89   | cps   |
| Barium     | 135-1 | 534446    | 531456    | 529613    | 531838    | 0.46   | cps   |
| Barium     | 137-1 | 930136    | 939952    | 933073    | 934387    | 0.54   | cps   |
| Beryllium  | 9-1   | 4768      | 5023      | 4673      | 4821      | 3.76   | cps   |
| Bismuth    | 209-1 | 7565636   | 7528268   | 7536618   | 7543507   | 0.26   | cps   |
| Bismuth    | 209-2 | 4215927   | 4254298   | 4236832   | 4235686   | 0.45   | cps   |
| Boron      | 10-1  | 1909      | 1975      | 1950      | 1945      | 1.73   | cps   |
| Boron      | 11-1  | 9420      | 9453      | 9061      | 9312      | 2.33   | cps   |
| Cadmium    | 111-1 | 3772      | 3445      | 3485      | 3567      | 5.00   | cps   |
| Cadmium    | 106-1 | 4651      | 4351      | 4334      | 4445      | 4.01   | cps   |
| Cadmium    | 108-1 | 263       | 263       | 267       | 264       | 0.91   | cps   |
| Calcium    | 43-1  | 42604     | 41810     | 42429     | 42281     | 0.99   | cps   |
| Calcium    | 44-1  | 696980    | 690307    | 686902    | 691396    | 0.74   | cps   |
| Chromium   | 52-2  | 94729     | 95580     | 95419     | 95243     | 0.48   | cps   |
| Cobalt     | 59-2  | 110536    | 111567    | 112739    | 111614    | 0.99   | cps   |
| Copper     | 63-2  | 222484    | 222706    | 221848    | 222346    | 0.20   | cps   |
| Dysprosium | 156-1 | 88854     | 90195     | 88762     | 89270     | 0.90   | cps   |
| Dysprosium | 156-2 | 46181     | 46315     | 47104     | 46533     | 1.07   | cps   |
| Erbium     | 164-1 | 80941     | 80823     | 80328     | 80697     | 0.40   | cps   |
| Erbium     | 164-2 | 42102     | 42061     | 42081     | 42081     | 0.05   | cps   |
| Gadolinium | 160-1 | 90977     | 89022     | 89433     | 89811     | 1.15   | cps   |
| Gadolinium | 160-2 | 51934     | 52467     | 51369     | 51923     | 1.06   | cps   |
| Holmium    | 165-1 | 11123654  | 11216548  | 11055607  | 11131937  | 0.73   | cps   |
| Holmium    | 165-2 | 5666134   | 5671523   | 5718646   | 5685434   | 0.51   | cps   |
| Indium     | 115-1 | 8542484   | 8567187   | 8509625   | 8539765   | 0.34   | cps   |
| Indium     | 115-2 | 1568955   | 1604681   | 1596594   | 1590077   | 1.18   | cps   |
| Iron       | 56-2  | 160693392 | 159935748 | 160560798 | 160396646 | 0.25   | cps   |
| Iron       | 57-2  | 3771869   | 3818200   | 3812632   | 3800901   | 0.67   | cps   |
| Krypton    | 83-1  | 467       | 447       | 510       | 474       | 6.82   | cps   |
| Lead       | 206-1 | 738396    | 743659    | 730283    | 737446    | 0.91   | cps   |
| Lead       | 207-1 | 625004    | 628201    | 624274    | 625826    | 0.33   | cps   |
| Lead       | 208-1 | 2899946   | 2902767   | 2887081   | 2896598   | 0.29   | cps   |
| Lithium    | 6-1   | 3531211   | 3522754   | 3511789   | 3521918   | 0.28   | cps   |
| Magnesium  | 24-2  | 2907979   | 2907457   | 2902410   | 2905949   | 0.11   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-08DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS009-1218-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 19:01:40  | DataFile Name :   | 103SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 4019371  | 4041190  | 4045651  | 4035404  | 0.35   | cps   |
| Molybdenum | 94-1  | 61667    | 63316    | 61977    | 62320    | 1.41   | cps   |
| Molybdenum | 95-1  | 5543     | 5343     | 5476     | 5454     | 1.87   | cps   |
| Molybdenum | 96-1  | 19247    | 19230    | 18688    | 19055    | 1.67   | cps   |
| Molybdenum | 97-1  | 3284     | 3692     | 3417     | 3464     | 6.01   | cps   |
| Molybdenum | 98-1  | 8778     | 8928     | 8386     | 8697     | 3.22   | cps   |
| Neodymium  | 150-1 | 96765    | 98497    | 97933    | 97732    | 0.90   | cps   |
| Neodymium  | 150-2 | 39283    | 40282    | 38908    | 39491    | 1.80   | cps   |
| Nickel     | 60-2  | 57901    | 58205    | 57204    | 57770    | 0.89   | cps   |
| Phosphorus | 31-2  | 4509     | 4701     | 4434     | 4548     | 3.02   | cps   |
| Potassium  | 39-2  | 270363   | 270933   | 272842   | 271379   | 0.48   | cps   |
| Rhodium    | 103-1 | 7581983  | 7630619  | 7604668  | 7605756  | 0.32   | cps   |
| Rhodium    | 103-2 | 3337754  | 3371215  | 3351168  | 3353379  | 0.50   | cps   |
| Scandium   | 45-1  | 5901368  | 5908669  | 5876529  | 5895522  | 0.29   | cps   |
| Scandium   | 45-2  | 223419   | 220994   | 221650   | 222021   | 0.56   | cps   |
| Selenium   | 77-2  | 200      | 203      | 197      | 200      | 1.67   | cps   |
| Selenium   | 78-2  | 172      | 193      | 172      | 179      | 6.57   | cps   |
| Selenium   | 82-1  | 199      | 227      | 175      | 200      | 13.05  | cps   |
| Silicon    | 28-1  | 25802564 | 25834379 | 25809862 | 25815602 | 0.06   | cps   |
| Silver     | 109-1 | 1225     | 1400     | 1358     | 1328     | 6.88   | cps   |
| Silver     | 107-1 | 1458     | 1567     | 1609     | 1545     | 5.01   | cps   |
| Sodium     | 23-2  | 71370    | 73095    | 69914    | 71460    | 2.23   | cps   |
| Strontium  | 86-1  | 27118    | 27861    | 28329    | 27769    | 2.20   | cps   |
| Strontium  | 88-1  | 237012   | 237060   | 237980   | 237351   | 0.23   | cps   |
| Sulfur     | 34-1  | 246462   | 241993   | 244431   | 244295   | 0.92   | cps   |
| Terbium    | 159-1 | 11345571 | 11360119 | 11306577 | 11337422 | 0.24   | cps   |
| Terbium    | 159-2 | 5497205  | 5509193  | 5528660  | 5511686  | 0.29   | cps   |
| Thallium   | 203-1 | 1075     | 1492     | 1283     | 1283     | 16.23  | cps   |
| Thallium   | 205-1 | 3684     | 3559     | 3551     | 3598     | 2.08   | cps   |
| Thorium    | 232-1 | 266263   | 264238   | 267851   | 266117   | 0.68   | cps   |
| Tin        | 118-1 | 3601     | 3659     | 3901     | 3720     | 4.28   | cps   |
| Titanium   | 47-1  | 78250    | 76247    | 76625    | 77041    | 1.38   | cps   |
| Uranium    | 238-1 | 33160    | 32015    | 33570    | 32915    | 2.45   | cps   |
| Vanadium   | 51-2  | 75241    | 73994    | 74688    | 74641    | 0.84   | cps   |
| Yttrium    | 89-1  | 9853693  | 9852429  | 9855967  | 9854030  | 0.02   | cps   |
| Yttrium    | 89-2  | 1302525  | 1310441  | 1300476  | 1304481  | 0.40   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-08DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS009-1218-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 19:01:40  | DataFile Name :   | 103SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 88429  | 89079  | 89965  | 89158   | 0.86   | cps   |
| Zirconium | 90-1 | 162404 | 160960 | 163582 | 162315  | 0.81   | cps   |
| Zirconium | 91-1 | 35980  | 36448  | 35529  | 35985   | 1.28   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100071            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV31               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV31               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-12-27 19:05:17 | DataFile Name :   | 104CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 4287017   | 4361102   | 4343917   | 4330679   | 0.90   | cps   |
| Antimony   | 121-1 | 3703091   | 3643522   | 3684676   | 3677096   | 0.83   | cps   |
| Arsenic    | 75-2  | 115067    | 117925    | 117236    | 116743    | 1.28   | cps   |
| Barium     | 135-1 | 4736897   | 4730695   | 4717648   | 4728413   | 0.21   | cps   |
| Barium     | 137-1 | 8544836   | 8480492   | 8591897   | 8539075   | 0.65   | cps   |
| Beryllium  | 9-1   | 1191877   | 1191534   | 1194162   | 1192525   | 0.12   | cps   |
| Bismuth    | 209-1 | 6065494   | 6025262   | 6078059   | 6056272   | 0.46   | cps   |
| Bismuth    | 209-2 | 3545377   | 3587675   | 3583624   | 3572225   | 0.65   | cps   |
| Boron      | 10-1  | 217252    | 218049    | 223806    | 219703    | 1.63   | cps   |
| Boron      | 11-1  | 962962    | 972134    | 989482    | 974859    | 1.38   | cps   |
| Cadmium    | 111-1 | 1000692   | 1003126   | 1000677   | 1001498   | 0.14   | cps   |
| Cadmium    | 106-1 | 118348    | 118148    | 116644    | 117713    | 0.79   | cps   |
| Cadmium    | 108-1 | 79115     | 77946     | 78370     | 78477     | 0.75   | cps   |
| Calcium    | 43-1  | 6658132   | 6606723   | 6597019   | 6620625   | 0.50   | cps   |
| Calcium    | 44-1  | 107564690 | 107237594 | 106889965 | 107230750 | 0.31   | cps   |
| Chromium   | 52-2  | 1071922   | 1083782   | 1082933   | 1079546   | 0.61   | cps   |
| Cobalt     | 59-2  | 1695262   | 1695950   | 1703628   | 1698280   | 0.27   | cps   |
| Copper     | 63-2  | 2293519   | 2310206   | 2324337   | 2309354   | 0.67   | cps   |
| Dysprosium | 156-1 | 133       | 192       | 133       | 153       | 22.05  | cps   |
| Dysprosium | 156-2 | 137       | 117       | 117       | 123       | 9.36   | cps   |
| Erbium     | 164-1 | 50        | 50        | 33        | 44        | 21.66  | cps   |
| Erbium     | 164-2 | 17        | 30        | 33        | 27        | 33.06  | cps   |
| Gadolinium | 160-1 | 58        | 133       | 92        | 94        | 39.79  | cps   |
| Gadolinium | 160-2 | 180       | 180       | 217       | 192       | 11.01  | cps   |
| Holmium    | 165-1 | 10176363  | 10128755  | 10204599  | 10169906  | 0.38   | cps   |
| Holmium    | 165-2 | 5178378   | 5240243   | 5242428   | 5220350   | 0.70   | cps   |
| Indium     | 115-1 | 7333835   | 7332306   | 7388729   | 7351623   | 0.44   | cps   |
| Indium     | 115-2 | 1369506   | 1391271   | 1393012   | 1384596   | 0.95   | cps   |
| Iron       | 56-2  | 242376017 | 243386361 | 242959939 | 242907439 | 0.21   | cps   |
| Iron       | 57-2  | 5991045   | 5955029   | 5961163   | 5969079   | 0.32   | cps   |
| Krypton    | 83-1  | 363       | 370       | 317       | 350       | 8.30   | cps   |
| Lead       | 206-1 | 3254813   | 3254750   | 3277755   | 3262439   | 0.41   | cps   |
| Lead       | 207-1 | 2973415   | 2988642   | 2990925   | 2984327   | 0.32   | cps   |
| Lead       | 208-1 | 13610360  | 13598505  | 13716999  | 13641955  | 0.48   | cps   |
| Lithium    | 6-1   | 3049974   | 3050061   | 3080031   | 3060022   | 0.57   | cps   |
| Magnesium  | 24-2  | 46287864  | 46788425  | 46824226  | 46633505  | 0.64   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : CCV31 Instrumnet Name : P7  
 Client Sample ID : CCV31 Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 19:05:17 DataFile Name : 104CCV.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1347565  | 1359973  | 1350897  | 1352812  | 0.47   | cps   |
| Molybdenum | 94-1  | 7934376  | 7935073  | 7999395  | 7956281  | 0.47   | cps   |
| Molybdenum | 95-1  | 9729032  | 9705272  | 9824343  | 9752882  | 0.65   | cps   |
| Molybdenum | 96-1  | 10828485 | 10755197 | 10836401 | 10806694 | 0.41   | cps   |
| Molybdenum | 97-1  | 6044693  | 6038702  | 6091750  | 6058382  | 0.48   | cps   |
| Molybdenum | 98-1  | 15623596 | 15619978 | 15627058 | 15623544 | 0.02   | cps   |
| Neodymium  | 150-1 | 587      | 413      | 460      | 487      | 18.43  | cps   |
| Neodymium  | 150-2 | 67       | 53       | 80       | 67       | 20.00  | cps   |
| Nickel     | 60-2  | 430691   | 430071   | 436480   | 432414   | 0.82   | cps   |
| Phosphorus | 31-2  | 42453    | 42353    | 43297    | 42701    | 1.21   | cps   |
| Potassium  | 39-2  | 21156864 | 21409646 | 21462186 | 21342899 | 0.76   | cps   |
| Rhodium    | 103-1 | 6303417  | 6282314  | 6288476  | 6291402  | 0.17   | cps   |
| Rhodium    | 103-2 | 2794827  | 2824419  | 2836940  | 2818729  | 0.77   | cps   |
| Scandium   | 45-1  | 5130681  | 5104299  | 5111344  | 5115442  | 0.27   | cps   |
| Scandium   | 45-2  | 197578   | 198825   | 198625   | 198343   | 0.34   | cps   |
| Selenium   | 77-2  | 3317     | 3304     | 3544     | 3388     | 3.98   | cps   |
| Selenium   | 78-2  | 11518    | 11516    | 11210    | 11414    | 1.55   | cps   |
| Selenium   | 82-1  | 80561    | 79524    | 80846    | 80310    | 0.87   | cps   |
| Silicon    | 28-1  | 3524142  | 3590026  | 3610976  | 3575048  | 1.27   | cps   |
| Silver     | 109-1 | 4688177  | 4654268  | 4692320  | 4678255  | 0.45   | cps   |
| Silver     | 107-1 | 4862718  | 4841654  | 4854914  | 4853095  | 0.22   | cps   |
| Sodium     | 23-2  | 88221435 | 89035387 | 89171150 | 88809324 | 0.58   | cps   |
| Strontium  | 86-1  | 1303560  | 1291823  | 1301066  | 1298816  | 0.48   | cps   |
| Strontium  | 88-1  | 11562287 | 11523693 | 11646570 | 11577516 | 0.54   | cps   |
| Sulfur     | 34-1  | 782615   | 784940   | 778015   | 781856   | 0.45   | cps   |
| Terbium    | 159-1 | 10351546 | 10290834 | 10427227 | 10356536 | 0.66   | cps   |
| Terbium    | 159-2 | 5006982  | 5082674  | 5073179  | 5054278  | 0.82   | cps   |
| Thallium   | 203-1 | 4034426  | 4023697  | 4029437  | 4029187  | 0.13   | cps   |
| Thallium   | 205-1 | 10026802 | 10022997 | 10045475 | 10031758 | 0.12   | cps   |
| Thorium    | 232-1 | 15963058 | 15812549 | 16086912 | 15954173 | 0.86   | cps   |
| Tin        | 118-1 | 3291653  | 3274796  | 3301999  | 3289483  | 0.42   | cps   |
| Titanium   | 47-1  | 2877578  | 2882170  | 2878696  | 2879481  | 0.08   | cps   |
| Uranium    | 238-1 | 15373933 | 15257780 | 15543900 | 15391871 | 0.93   | cps   |
| Vanadium   | 51-2  | 862614   | 869953   | 873079   | 868549   | 0.62   | cps   |
| Yttrium    | 89-1  | 7861783  | 7836063  | 7952958  | 7883601  | 0.78   | cps   |
| Yttrium    | 89-2  | 1047982  | 1063640  | 1061685  | 1057769  | 0.81   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100071            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV31               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV31               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-12-27 19:05:17 | DataFile Name :   | 104CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 380149  | 383091  | 384384  | 382541  | 0.57   | cps   |
| Zirconium | 90-1 | 6745609 | 6741873 | 6791830 | 6759771 | 0.41   | cps   |
| Zirconium | 91-1 | 1459131 | 1473611 | 1467215 | 1466652 | 0.49   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB31               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB31               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 19:08:59 | DataFile Name :   | 105CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 792      | 742      | 950      | 828      | 13.14  | cps   |
| Antimony   | 121-1 | 1800     | 1400     | 1725     | 1642     | 12.95  | cps   |
| Arsenic    | 75-2  | 30       | 26       | 19       | 25       | 22.91  | cps   |
| Barium     | 135-1 | 833      | 767      | 742      | 781      | 6.07   | cps   |
| Barium     | 137-1 | 1275     | 1167     | 1350     | 1264     | 7.29   | cps   |
| Beryllium  | 9-1   | 289      | 328      | 300      | 306      | 6.56   | cps   |
| Bismuth    | 209-1 | 7753837  | 7754797  | 7702039  | 7736891  | 0.39   | cps   |
| Bismuth    | 209-2 | 4330268  | 4342778  | 4360660  | 4344569  | 0.35   | cps   |
| Boron      | 10-1  | 3984     | 3742     | 3526     | 3751     | 6.12   | cps   |
| Boron      | 11-1  | 17928    | 16952    | 15675    | 16852    | 6.70   | cps   |
| Cadmium    | 111-1 | 2783     | 2665     | 2777     | 2742     | 2.42   | cps   |
| Cadmium    | 106-1 | 3742     | 3584     | 3651     | 3659     | 2.17   | cps   |
| Cadmium    | 108-1 | 17       | 21       | 17       | 18       | 13.30  | cps   |
| Calcium    | 43-1  | 1150     | 967      | 1042     | 1053     | 8.76   | cps   |
| Calcium    | 44-1  | 20216    | 18938    | 17686    | 18947    | 6.68   | cps   |
| Chromium   | 52-2  | 763      | 690      | 760      | 738      | 5.61   | cps   |
| Cobalt     | 59-2  | 343      | 273      | 263      | 293      | 14.86  | cps   |
| Copper     | 63-2  | 583      | 500      | 487      | 523      | 10.01  | cps   |
| Dysprosium | 156-1 | 42       | 25       | 42       | 36       | 26.65  | cps   |
| Dysprosium | 156-2 | 7        | 7        | 7        | 7        | 0.00   | cps   |
| Erbium     | 164-1 | 25       | 58       | 25       | 36       | 53.30  | cps   |
| Erbium     | 164-2 | 10       | 17       | 30       | 19       | 53.91  | cps   |
| Gadolinium | 160-1 | 75       | 50       | 42       | 56       | 31.22  | cps   |
| Gadolinium | 160-2 | 140      | 177      | 137      | 151      | 14.69  | cps   |
| Holmium    | 165-1 | 11013299 | 10891806 | 11001579 | 10968895 | 0.61   | cps   |
| Holmium    | 165-2 | 5555564  | 5607579  | 5597553  | 5586899  | 0.49   | cps   |
| Indium     | 115-1 | 8594612  | 8640795  | 8678414  | 8637940  | 0.49   | cps   |
| Indium     | 115-2 | 1616393  | 1616833  | 1632824  | 1622017  | 0.58   | cps   |
| Iron       | 56-2  | 40451    | 42796    | 42701    | 41983    | 3.16   | cps   |
| Iron       | 57-2  | 1133     | 933      | 950      | 1006     | 11.04  | cps   |
| Krypton    | 83-1  | 327      | 410      | 403      | 380      | 12.19  | cps   |
| Lead       | 206-1 | 1761     | 1795     | 1956     | 1837     | 5.66   | cps   |
| Lead       | 207-1 | 1633     | 1622     | 1367     | 1541     | 9.79   | cps   |
| Lead       | 208-1 | 7462     | 7168     | 6906     | 7179     | 3.87   | cps   |
| Lithium    | 6-1   | 3514218  | 3473359  | 3495209  | 3494262  | 0.59   | cps   |
| Magnesium  | 24-2  | 6101     | 6543     | 6910     | 6518     | 6.21   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : CCB31 Instrumnet Name : P7  
 Client Sample ID : CCB31 Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 19:08:59 DataFile Name : 105CCBE.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 380      | 380      | 427      | 396      | 6.81   | cps   |
| Molybdenum | 94-1  | 2742     | 2317     | 1909     | 2323     | 17.95  | cps   |
| Molybdenum | 95-1  | 3025     | 2867     | 2634     | 2842     | 6.93   | cps   |
| Molybdenum | 96-1  | 3984     | 3501     | 3100     | 3528     | 12.54  | cps   |
| Molybdenum | 97-1  | 2142     | 1525     | 1617     | 1761     | 18.90  | cps   |
| Molybdenum | 98-1  | 5510     | 4768     | 4234     | 4837     | 13.24  | cps   |
| Neodymium  | 150-1 | 7        | 20       | 0        | 9        | 114.55 | cps   |
| Neodymium  | 150-2 | 0        | 0        | 7        | 2        | 173.21 | cps   |
| Nickel     | 60-2  | 107      | 90       | 93       | 97       | 9.12   | cps   |
| Phosphorus | 31-2  | 150      | 142      | 125      | 139      | 9.16   | cps   |
| Potassium  | 39-2  | 17970    | 18212    | 18763    | 18315    | 2.22   | cps   |
| Rhodium    | 103-1 | 7838788  | 7739925  | 7771534  | 7783416  | 0.65   | cps   |
| Rhodium    | 103-2 | 3432927  | 3452083  | 3454454  | 3446488  | 0.34   | cps   |
| Scandium   | 45-1  | 5747223  | 5741817  | 5751914  | 5746985  | 0.09   | cps   |
| Scandium   | 45-2  | 218351   | 219041   | 217833   | 218408   | 0.28   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 57       | 44       | 63       | 55       | 17.30  | cps   |
| Selenium   | 82-1  | 4        | -56      | -58      | -36      | -96.64 | cps   |
| Silicon    | 28-1  | 192473   | 189165   | 185621   | 189086   | 1.81   | cps   |
| Silver     | 109-1 | 1050     | 967      | 933      | 983      | 6.11   | cps   |
| Silver     | 107-1 | 992      | 967      | 842      | 933      | 8.61   | cps   |
| Sodium     | 23-2  | 25547    | 24537    | 24346    | 24810    | 2.60   | cps   |
| Strontium  | 86-1  | 808      | 708      | 642      | 719      | 11.66  | cps   |
| Strontium  | 88-1  | 1659     | 1700     | 1775     | 1711     | 3.46   | cps   |
| Sulfur     | 34-1  | 305322   | 303619   | 305735   | 304892   | 0.37   | cps   |
| Terbium    | 159-1 | 11285607 | 11196586 | 11266493 | 11249562 | 0.42   | cps   |
| Terbium    | 159-2 | 5440204  | 5468811  | 5496534  | 5468516  | 0.52   | cps   |
| Thallium   | 203-1 | 1300     | 1267     | 1092     | 1220     | 9.18   | cps   |
| Thallium   | 205-1 | 3317     | 2959     | 2892     | 3056     | 7.48   | cps   |
| Thorium    | 232-1 | 3128     | 2962     | 2878     | 2989     | 4.26   | cps   |
| Tin        | 118-1 | 1217     | 1367     | 1333     | 1306     | 6.03   | cps   |
| Titanium   | 47-1  | 642      | 567      | 442      | 550      | 18.37  | cps   |
| Uranium    | 238-1 | 2250     | 2000     | 2234     | 2161     | 6.47   | cps   |
| Vanadium   | 51-2  | 87       | 183      | 143      | 138      | 35.25  | cps   |
| Yttrium    | 89-1  | 8816497  | 8829282  | 8863287  | 8836355  | 0.27   | cps   |
| Yttrium    | 89-2  | 1170817  | 1178227  | 1176715  | 1175253  | 0.33   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB31               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB31               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 19:08:59 | DataFile Name :   | 105CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zinc      | 66-2 | 207  | 300  | 247  | 251     | 18.65  | cps   |
| Zirconium | 90-1 | 1634 | 1625 | 1467 | 1575    | 5.96   | cps   |
| Zirconium | 91-1 | 308  | 308  | 283  | 300     | 4.81   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-09DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS009-1824-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 19:12:33 DataFile Name : 106SMPL.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 3285080   | 3280154   | 3296568   | 3287267   | 0.26   | cps   |
| Antimony   | 121-1 | 1083      | 950       | 942       | 992       | 8.02   | cps   |
| Arsenic    | 75-2  | 5006      | 5199      | 5301      | 5169      | 2.89   | cps   |
| Barium     | 135-1 | 588189    | 586985    | 593481    | 589552    | 0.59   | cps   |
| Barium     | 137-1 | 1035245   | 1033348   | 1034187   | 1034260   | 0.09   | cps   |
| Beryllium  | 9-1   | 5062      | 4801      | 4801      | 4888      | 3.09   | cps   |
| Bismuth    | 209-1 | 7607042   | 7595115   | 7618845   | 7607001   | 0.16   | cps   |
| Bismuth    | 209-2 | 4285507   | 4315035   | 4363626   | 4321389   | 0.91   | cps   |
| Boron      | 10-1  | 3284      | 3651      | 3376      | 3437      | 5.55   | cps   |
| Boron      | 11-1  | 15617     | 15475     | 15517     | 15536     | 0.47   | cps   |
| Cadmium    | 111-1 | 3625      | 3688      | 3486      | 3600      | 2.87   | cps   |
| Cadmium    | 106-1 | 4376      | 4501      | 4243      | 4373      | 2.95   | cps   |
| Cadmium    | 108-1 | 358       | 292       | 304       | 318       | 11.14  | cps   |
| Calcium    | 43-1  | 47987     | 47143     | 47854     | 47661     | 0.95   | cps   |
| Calcium    | 44-1  | 775215    | 775784    | 774619    | 775206    | 0.08   | cps   |
| Chromium   | 52-2  | 92629     | 93125     | 93373     | 93042     | 0.41   | cps   |
| Cobalt     | 59-2  | 118964    | 119058    | 118716    | 118913    | 0.15   | cps   |
| Copper     | 63-2  | 213649    | 213547    | 214338    | 213845    | 0.20   | cps   |
| Dysprosium | 156-1 | 92578     | 91177     | 92519     | 92091     | 0.86   | cps   |
| Dysprosium | 156-2 | 47840     | 47964     | 48342     | 48048     | 0.54   | cps   |
| Erbium     | 164-1 | 81937     | 81183     | 80730     | 81284     | 0.75   | cps   |
| Erbium     | 164-2 | 42643     | 42519     | 42834     | 42665     | 0.37   | cps   |
| Gadolinium | 160-1 | 90297     | 88855     | 88872     | 89341     | 0.93   | cps   |
| Gadolinium | 160-2 | 51644     | 52196     | 52634     | 52158     | 0.95   | cps   |
| Holmium    | 165-1 | 11192253  | 11257826  | 11286610  | 11245563  | 0.43   | cps   |
| Holmium    | 165-2 | 5806709   | 5817451   | 5869483   | 5831214   | 0.58   | cps   |
| Indium     | 115-1 | 8676082   | 8678604   | 8676579   | 8677088   | 0.02   | cps   |
| Indium     | 115-2 | 1637183   | 1641173   | 1662505   | 1646954   | 0.83   | cps   |
| Iron       | 56-2  | 164677126 | 163386431 | 164181776 | 164081778 | 0.40   | cps   |
| Iron       | 57-2  | 3856107   | 3887461   | 3901112   | 3881560   | 0.59   | cps   |
| Krypton    | 83-1  | 467       | 467       | 467       | 467       | 0.00   | cps   |
| Lead       | 206-1 | 1042355   | 1047770   | 1040768   | 1043631   | 0.35   | cps   |
| Lead       | 207-1 | 891278    | 896453    | 880263    | 889331    | 0.93   | cps   |
| Lead       | 208-1 | 4115917   | 4133023   | 4089634   | 4112858   | 0.53   | cps   |
| Lithium    | 6-1   | 3615373   | 3619499   | 3637977   | 3624283   | 0.33   | cps   |
| Magnesium  | 24-2  | 2806371   | 2784395   | 2796257   | 2795674   | 0.39   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-09DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS009-1824-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 19:12:33  | DataFile Name :   | 106SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 4991334  | 5011713  | 5010078  | 5004375  | 0.23   | cps   |
| Molybdenum | 94-1  | 71588    | 72718    | 70550    | 71619    | 1.51   | cps   |
| Molybdenum | 95-1  | 6002     | 6052     | 6360     | 6138     | 3.16   | cps   |
| Molybdenum | 96-1  | 20891    | 19714    | 21492    | 20699    | 4.37   | cps   |
| Molybdenum | 97-1  | 3817     | 3592     | 3401     | 3603     | 5.79   | cps   |
| Molybdenum | 98-1  | 9203     | 9654     | 9212     | 9356     | 2.75   | cps   |
| Neodymium  | 150-1 | 99243    | 98813    | 96986    | 98347    | 1.22   | cps   |
| Neodymium  | 150-2 | 40352    | 39577    | 40349    | 40093    | 1.11   | cps   |
| Nickel     | 60-2  | 56064    | 56284    | 56231    | 56193    | 0.21   | cps   |
| Phosphorus | 31-2  | 4743     | 5610     | 4934     | 5096     | 8.94   | cps   |
| Potassium  | 39-2  | 295512   | 296010   | 294954   | 295492   | 0.18   | cps   |
| Rhodium    | 103-1 | 7695608  | 7740235  | 7751687  | 7729176  | 0.38   | cps   |
| Rhodium    | 103-2 | 3444596  | 3464985  | 3478076  | 3462553  | 0.49   | cps   |
| Scandium   | 45-1  | 6007038  | 6092704  | 6033182  | 6044308  | 0.73   | cps   |
| Scandium   | 45-2  | 233757   | 232336   | 233805   | 233300   | 0.36   | cps   |
| Selenium   | 77-2  | 187      | 200      | 150      | 179      | 14.47  | cps   |
| Selenium   | 78-2  | 213      | 169      | 161      | 181      | 15.51  | cps   |
| Selenium   | 82-1  | 216      | 183      | 212      | 204      | 8.97   | cps   |
| Silicon    | 28-1  | 25048733 | 25150764 | 25220679 | 25140059 | 0.34   | cps   |
| Silver     | 109-1 | 1450     | 1375     | 1225     | 1350     | 8.49   | cps   |
| Silver     | 107-1 | 1750     | 1884     | 1834     | 1822     | 3.70   | cps   |
| Sodium     | 23-2  | 79033    | 78037    | 81018    | 79363    | 1.91   | cps   |
| Strontium  | 86-1  | 30408    | 30608    | 29965    | 30327    | 1.08   | cps   |
| Strontium  | 88-1  | 255547   | 257058   | 253594   | 255400   | 0.68   | cps   |
| Sulfur     | 34-1  | 285017   | 278983   | 269867   | 277956   | 2.74   | cps   |
| Terbium    | 159-1 | 11386082 | 11449707 | 11528760 | 11454849 | 0.62   | cps   |
| Terbium    | 159-2 | 5629002  | 5650851  | 5705131  | 5661661  | 0.69   | cps   |
| Thallium   | 203-1 | 1750     | 1909     | 2084     | 1914     | 8.71   | cps   |
| Thallium   | 205-1 | 4684     | 4634     | 4934     | 4751     | 3.38   | cps   |
| Thorium    | 232-1 | 309885   | 308169   | 308538   | 308864   | 0.29   | cps   |
| Tin        | 118-1 | 5935     | 6343     | 5776     | 6018     | 4.86   | cps   |
| Titanium   | 47-1  | 76222    | 75678    | 76684    | 76194    | 0.66   | cps   |
| Uranium    | 238-1 | 36243    | 36310    | 35817    | 36124    | 0.74   | cps   |
| Vanadium   | 51-2  | 78276    | 76986    | 77084    | 77449    | 0.93   | cps   |
| Yttrium    | 89-1  | 10003255 | 10073712 | 10060588 | 10045852 | 0.37   | cps   |
| Yttrium    | 89-2  | 1341243  | 1356460  | 1359935  | 1352546  | 0.74   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-09DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS009-1824-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 19:12:33  | DataFile Name :   | 106SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 86585  | 86340  | 87084  | 86670   | 0.44   | cps   |
| Zirconium | 90-1 | 183939 | 186019 | 183605 | 184521  | 0.71   | cps   |
| Zirconium | 91-1 | 41052  | 40141  | 40257  | 40483   | 1.23   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-10DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS010-0006-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 19:16:10 DataFile Name : 107SMPL.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 2020271   | 2028589   | 2034210   | 2027690   | 0.35   | cps   |
| Antimony   | 121-1 | 1133      | 992       | 1192      | 1106      | 9.30   | cps   |
| Arsenic    | 75-2  | 2802      | 2917      | 2887      | 2869      | 2.08   | cps   |
| Barium     | 135-1 | 689485    | 679443    | 674537    | 681155    | 1.12   | cps   |
| Barium     | 137-1 | 1208461   | 1197602   | 1185795   | 1197286   | 0.95   | cps   |
| Beryllium  | 9-1   | 3384      | 3334      | 3045      | 3254      | 5.62   | cps   |
| Bismuth    | 209-1 | 7572783   | 7590282   | 7697107   | 7620057   | 0.88   | cps   |
| Bismuth    | 209-2 | 4296469   | 4340037   | 4357108   | 4331205   | 0.72   | cps   |
| Boron      | 10-1  | 3309      | 3200      | 2892      | 3134      | 6.90   | cps   |
| Boron      | 11-1  | 13040     | 13932     | 14007     | 13660     | 3.94   | cps   |
| Cadmium    | 111-1 | 4253      | 4178      | 4048      | 4160      | 2.49   | cps   |
| Cadmium    | 106-1 | 4268      | 4251      | 4234      | 4251      | 0.39   | cps   |
| Cadmium    | 108-1 | 317       | 229       | 267       | 271       | 16.21  | cps   |
| Calcium    | 43-1  | 253475    | 253005    | 250223    | 252234    | 0.70   | cps   |
| Calcium    | 44-1  | 4129828   | 4078244   | 4070335   | 4092803   | 0.79   | cps   |
| Chromium   | 52-2  | 69231     | 69553     | 69191     | 69325     | 0.29   | cps   |
| Cobalt     | 59-2  | 77078     | 77242     | 77792     | 77371     | 0.48   | cps   |
| Copper     | 63-2  | 146824    | 149016    | 148962    | 148267    | 0.84   | cps   |
| Dysprosium | 156-1 | 46547     | 45568     | 44381     | 45499     | 2.38   | cps   |
| Dysprosium | 156-2 | 23697     | 24165     | 23707     | 23856     | 1.12   | cps   |
| Erbium     | 164-1 | 42960     | 42584     | 41615     | 42386     | 1.64   | cps   |
| Erbium     | 164-2 | 21350     | 21824     | 21861     | 21679     | 1.31   | cps   |
| Gadolinium | 160-1 | 45360     | 45627     | 45334     | 45440     | 0.36   | cps   |
| Gadolinium | 160-2 | 26730     | 26566     | 27003     | 26766     | 0.83   | cps   |
| Holmium    | 165-1 | 11054321  | 11197842  | 11272896  | 11175020  | 0.99   | cps   |
| Holmium    | 165-2 | 5738166   | 5793932   | 5850300   | 5794132   | 0.97   | cps   |
| Indium     | 115-1 | 8638619   | 8620481   | 8717885   | 8658995   | 0.60   | cps   |
| Indium     | 115-2 | 1627692   | 1653685   | 1657971   | 1646449   | 1.00   | cps   |
| Iron       | 56-2  | 104057975 | 103067333 | 103835008 | 103653438 | 0.50   | cps   |
| Iron       | 57-2  | 2427052   | 2426057   | 2437770   | 2430293   | 0.27   | cps   |
| Krypton    | 83-1  | 480       | 417       | 467       | 454       | 7.35   | cps   |
| Lead       | 206-1 | 834188    | 831583    | 820265    | 828679    | 0.89   | cps   |
| Lead       | 207-1 | 706452    | 697989    | 691193    | 698545    | 1.09   | cps   |
| Lead       | 208-1 | 3274860   | 3252321   | 3214342   | 3247174   | 0.94   | cps   |
| Lithium    | 6-1   | 3632366   | 3603747   | 3624576   | 3620230   | 0.41   | cps   |
| Magnesium  | 24-2  | 2049877   | 2062818   | 2066822   | 2059839   | 0.43   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-10DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS010-0006-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 19:16:10 DataFile Name : 107SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 3010543  | 3013264  | 3027488  | 3017098  | 0.30   | cps   |
| Molybdenum | 94-1  | 49545    | 48868    | 49336    | 49250    | 0.70   | cps   |
| Molybdenum | 95-1  | 3709     | 3526     | 3584     | 3606     | 2.60   | cps   |
| Molybdenum | 96-1  | 13715    | 13023    | 13916    | 13551    | 3.46   | cps   |
| Molybdenum | 97-1  | 2134     | 2242     | 2134     | 2170     | 2.88   | cps   |
| Molybdenum | 98-1  | 5593     | 5701     | 5410     | 5568     | 2.65   | cps   |
| Neodymium  | 150-1 | 47396    | 47596    | 46726    | 47239    | 0.96   | cps   |
| Neodymium  | 150-2 | 19297    | 19394    | 19571    | 19421    | 0.71   | cps   |
| Nickel     | 60-2  | 42355    | 43294    | 43645    | 43098    | 1.55   | cps   |
| Phosphorus | 31-2  | 4909     | 4734     | 5009     | 4884     | 2.85   | cps   |
| Potassium  | 39-2  | 307587   | 311105   | 313632   | 310775   | 0.98   | cps   |
| Rhodium    | 103-1 | 7802733  | 7754451  | 7852497  | 7803227  | 0.63   | cps   |
| Rhodium    | 103-2 | 3441903  | 3466508  | 3475190  | 3461200  | 0.50   | cps   |
| Scandium   | 45-1  | 5934005  | 5910878  | 5946402  | 5930428  | 0.30   | cps   |
| Scandium   | 45-2  | 228228   | 229838   | 228693   | 228920   | 0.36   | cps   |
| Selenium   | 77-2  | 100      | 73       | 100      | 91       | 16.90  | cps   |
| Selenium   | 78-2  | 137      | 141      | 139      | 139      | 1.33   | cps   |
| Selenium   | 82-1  | 68       | 191      | 101      | 120      | 52.84  | cps   |
| Silicon    | 28-1  | 14923564 | 14896108 | 14860083 | 14893251 | 0.21   | cps   |
| Silver     | 109-1 | 742      | 833      | 658      | 744      | 11.76  | cps   |
| Silver     | 107-1 | 983      | 975      | 875      | 945      | 6.38   | cps   |
| Sodium     | 23-2  | 68289    | 67887    | 66606    | 67594    | 1.30   | cps   |
| Strontium  | 86-1  | 106737   | 106502   | 104092   | 105777   | 1.38   | cps   |
| Strontium  | 88-1  | 920638   | 916677   | 908508   | 915274   | 0.68   | cps   |
| Sulfur     | 34-1  | 328909   | 326172   | 325922   | 327001   | 0.51   | cps   |
| Terbium    | 159-1 | 11388369 | 11404477 | 11478535 | 11423793 | 0.42   | cps   |
| Terbium    | 159-2 | 5542593  | 5628527  | 5705521  | 5625547  | 1.45   | cps   |
| Thallium   | 203-1 | 1225     | 1267     | 1083     | 1192     | 8.07   | cps   |
| Thallium   | 205-1 | 2725     | 2892     | 2984     | 2867     | 4.57   | cps   |
| Thorium    | 232-1 | 142999   | 142972   | 143034   | 143002   | 0.02   | cps   |
| Tin        | 118-1 | 3642     | 4226     | 3684     | 3851     | 8.45   | cps   |
| Titanium   | 47-1  | 55254    | 56057    | 54410    | 55240    | 1.49   | cps   |
| Uranium    | 238-1 | 20884    | 20784    | 20792    | 20820    | 0.27   | cps   |
| Vanadium   | 51-2  | 50868    | 52042    | 51690    | 51533    | 1.17   | cps   |
| Yttrium    | 89-1  | 9468183  | 9518785  | 9620347  | 9535772  | 0.81   | cps   |
| Yttrium    | 89-2  | 1270264  | 1279228  | 1283155  | 1277549  | 0.52   | cps   |



|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-10DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS010-0006-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 19:16:10  | DataFile Name :   | 107SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 72351  | 73872  | 74576  | 73600   | 1.54   | cps   |
| Zirconium | 90-1 | 129598 | 128262 | 127159 | 128340  | 0.95   | cps   |
| Zirconium | 91-1 | 28187  | 29498  | 28454  | 28713   | 2.41   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-11DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS010-0612-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 19:19:44 DataFile Name : 108SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1584865  | 1596319  | 1589500  | 1590228  | 0.36   | cps   |
| Antimony   | 121-1 | 1759     | 1483     | 1608     | 1617     | 8.52   | cps   |
| Arsenic    | 75-2  | 2024     | 1995     | 2154     | 2058     | 4.12   | cps   |
| Barium     | 135-1 | 984715   | 983465   | 985358   | 984513   | 0.10   | cps   |
| Barium     | 137-1 | 1737265  | 1750846  | 1734234  | 1740782  | 0.51   | cps   |
| Beryllium  | 9-1   | 3017     | 2739     | 2873     | 2876     | 4.83   | cps   |
| Bismuth    | 209-1 | 7720780  | 7804734  | 7811373  | 7778962  | 0.65   | cps   |
| Bismuth    | 209-2 | 4371705  | 4420860  | 4407119  | 4399894  | 0.58   | cps   |
| Boron      | 10-1  | 2092     | 1967     | 1875     | 1978     | 5.50   | cps   |
| Boron      | 11-1  | 9136     | 8903     | 8861     | 8967     | 1.65   | cps   |
| Cadmium    | 111-1 | 4520     | 4380     | 3949     | 4283     | 6.95   | cps   |
| Cadmium    | 106-1 | 4317     | 4284     | 3867     | 4156     | 6.03   | cps   |
| Cadmium    | 108-1 | 229      | 271      | 238      | 246      | 8.97   | cps   |
| Calcium    | 43-1  | 343422   | 341077   | 342039   | 342179   | 0.34   | cps   |
| Calcium    | 44-1  | 5568886  | 5606010  | 5614793  | 5596563  | 0.44   | cps   |
| Chromium   | 52-2  | 44798    | 45697    | 45169    | 45222    | 1.00   | cps   |
| Cobalt     | 59-2  | 43949    | 43809    | 44033    | 43930    | 0.26   | cps   |
| Copper     | 63-2  | 141331   | 143374   | 142462   | 142389   | 0.72   | cps   |
| Dysprosium | 156-1 | 36842    | 37669    | 37778    | 37430    | 1.37   | cps   |
| Dysprosium | 156-2 | 20465    | 20165    | 19971    | 20201    | 1.23   | cps   |
| Erbium     | 164-1 | 35397    | 35907    | 34127    | 35143    | 2.61   | cps   |
| Erbium     | 164-2 | 18433    | 18199    | 18146    | 18259    | 0.84   | cps   |
| Gadolinium | 160-1 | 38505    | 38781    | 37778    | 38355    | 1.35   | cps   |
| Gadolinium | 160-2 | 21954    | 22378    | 22853    | 22395    | 2.01   | cps   |
| Holmium    | 165-1 | 11211311 | 11308025 | 11318840 | 11279392 | 0.52   | cps   |
| Holmium    | 165-2 | 5811432  | 5897594  | 5825162  | 5844730  | 0.79   | cps   |
| Indium     | 115-1 | 8749464  | 8809861  | 8812085  | 8790470  | 0.40   | cps   |
| Indium     | 115-2 | 1667597  | 1661243  | 1664380  | 1664407  | 0.19   | cps   |
| Iron       | 56-2  | 56866240 | 57079147 | 56618965 | 56854784 | 0.41   | cps   |
| Iron       | 57-2  | 1333211  | 1343241  | 1337089  | 1337847  | 0.38   | cps   |
| Krypton    | 83-1  | 383      | 383      | 413      | 393      | 4.40   | cps   |
| Lead       | 206-1 | 996258   | 1014186  | 997802   | 1002749  | 0.99   | cps   |
| Lead       | 207-1 | 851820   | 852353   | 852282   | 852152   | 0.03   | cps   |
| Lead       | 208-1 | 3954154  | 3961253  | 3933947  | 3949785  | 0.36   | cps   |
| Lithium    | 6-1   | 3609109  | 3609550  | 3624456  | 3614372  | 0.24   | cps   |
| Magnesium  | 24-2  | 847378   | 851664   | 849693   | 849579   | 0.25   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-11DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS010-0612-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 19:19:44 DataFile Name : 108SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1742329  | 1749151  | 1745095  | 1745525  | 0.20   | cps   |
| Molybdenum | 94-1  | 35570    | 35211    | 35821    | 35534    | 0.86   | cps   |
| Molybdenum | 95-1  | 6093     | 5893     | 6052     | 6013     | 1.76   | cps   |
| Molybdenum | 96-1  | 13015    | 12614    | 12614    | 12748    | 1.81   | cps   |
| Molybdenum | 97-1  | 3542     | 3551     | 3684     | 3592     | 2.21   | cps   |
| Molybdenum | 98-1  | 9353     | 9162     | 9103     | 9206     | 1.42   | cps   |
| Neodymium  | 150-1 | 41651    | 41122    | 41557    | 41443    | 0.68   | cps   |
| Neodymium  | 150-2 | 16620    | 17044    | 17021    | 16895    | 1.41   | cps   |
| Nickel     | 60-2  | 24805    | 24464    | 24577    | 24615    | 0.70   | cps   |
| Phosphorus | 31-2  | 4701     | 4826     | 4976     | 4834     | 2.85   | cps   |
| Potassium  | 39-2  | 171970   | 174573   | 172003   | 172848   | 0.86   | cps   |
| Rhodium    | 103-1 | 7859923  | 7959749  | 7913238  | 7910970  | 0.63   | cps   |
| Rhodium    | 103-2 | 3503004  | 3512775  | 3514775  | 3510185  | 0.18   | cps   |
| Scandium   | 45-1  | 5956618  | 5973612  | 5955496  | 5961908  | 0.17   | cps   |
| Scandium   | 45-2  | 230576   | 230840   | 229896   | 230437   | 0.21   | cps   |
| Selenium   | 77-2  | 90       | 113      | 80       | 94       | 18.12  | cps   |
| Selenium   | 78-2  | 135      | 144      | 146      | 142      | 4.19   | cps   |
| Selenium   | 82-1  | 430      | 406      | 388      | 408      | 5.22   | cps   |
| Silicon    | 28-1  | 13333288 | 13502904 | 13451014 | 13429069 | 0.65   | cps   |
| Silver     | 109-1 | 700      | 667      | 758      | 708      | 6.55   | cps   |
| Silver     | 107-1 | 733      | 642      | 883      | 753      | 16.21  | cps   |
| Sodium     | 23-2  | 86994    | 87229    | 85610    | 86611    | 1.01   | cps   |
| Strontium  | 86-1  | 178057   | 176496   | 178994   | 177849   | 0.71   | cps   |
| Strontium  | 88-1  | 1543157  | 1552347  | 1546653  | 1547386  | 0.30   | cps   |
| Sulfur     | 34-1  | 449273   | 439955   | 441473   | 443567   | 1.13   | cps   |
| Terbium    | 159-1 | 11446887 | 11508991 | 11620208 | 11525362 | 0.76   | cps   |
| Terbium    | 159-2 | 5643473  | 5672123  | 5699710  | 5671769  | 0.50   | cps   |
| Thallium   | 203-1 | 1000     | 1242     | 1025     | 1089     | 12.20  | cps   |
| Thallium   | 205-1 | 2875     | 2817     | 3092     | 2928     | 4.95   | cps   |
| Thorium    | 232-1 | 61238    | 62804    | 60629    | 61557    | 1.82   | cps   |
| Tin        | 118-1 | 7044     | 7377     | 7394     | 7272     | 2.72   | cps   |
| Titanium   | 47-1  | 62333    | 61780    | 61922    | 62012    | 0.46   | cps   |
| Uranium    | 238-1 | 23430    | 24132    | 22812    | 23458    | 2.81   | cps   |
| Vanadium   | 51-2  | 42869    | 42665    | 42197    | 42577    | 0.81   | cps   |
| Yttrium    | 89-1  | 9484953  | 9574698  | 9615913  | 9558521  | 0.70   | cps   |
| Yttrium    | 89-2  | 1276162  | 1285162  | 1276847  | 1279390  | 0.39   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-11DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS010-0612-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 19:19:44  | DataFile Name :   | 108SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zinc      | 66-2 | 39590 | 39992 | 39681 | 39754   | 0.53   | cps   |
| Zirconium | 90-1 | 88288 | 87208 | 87811 | 87769   | 0.62   | cps   |
| Zirconium | 91-1 | 19597 | 20048 | 19614 | 19753   | 1.29   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-12DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS010-1218-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 19:23:19 DataFile Name : 109SMPL.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 3003044   | 2992913   | 3006825   | 3000928   | 0.24   | cps   |
| Antimony   | 121-1 | 975       | 892       | 1033      | 967       | 7.37   | cps   |
| Arsenic    | 75-2  | 5129      | 4969      | 5084      | 5061      | 1.62   | cps   |
| Barium     | 135-1 | 966504    | 968907    | 950692    | 962034    | 1.03   | cps   |
| Barium     | 137-1 | 1700871   | 1688707   | 1690159   | 1693246   | 0.39   | cps   |
| Beryllium  | 9-1   | 4629      | 4390      | 4906      | 4642      | 5.57   | cps   |
| Bismuth    | 209-1 | 7621477   | 7608701   | 7544030   | 7591403   | 0.55   | cps   |
| Bismuth    | 209-2 | 4248923   | 4315741   | 4311295   | 4291986   | 0.87   | cps   |
| Boron      | 10-1  | 2517      | 2542      | 2400      | 2486      | 3.04   | cps   |
| Boron      | 11-1  | 11180     | 10663     | 11188     | 11010     | 2.73   | cps   |
| Cadmium    | 111-1 | 3919      | 3767      | 3865      | 3850      | 2.00   | cps   |
| Cadmium    | 106-1 | 4459      | 4293      | 4359      | 4370      | 1.92   | cps   |
| Cadmium    | 108-1 | 367       | 304       | 392       | 354       | 12.72  | cps   |
| Calcium    | 43-1  | 161135    | 161751    | 153034    | 158640    | 3.07   | cps   |
| Calcium    | 44-1  | 2602377   | 2603776   | 2531336   | 2579163   | 1.61   | cps   |
| Chromium   | 52-2  | 101174    | 102134    | 101570    | 101626    | 0.47   | cps   |
| Cobalt     | 59-2  | 99897     | 100397    | 100599    | 100298    | 0.36   | cps   |
| Copper     | 63-2  | 247491    | 246946    | 247522    | 247320    | 0.13   | cps   |
| Dysprosium | 156-1 | 59915     | 59639     | 57974     | 59176     | 1.77   | cps   |
| Dysprosium | 156-2 | 30675     | 31149     | 31363     | 31062     | 1.13   | cps   |
| Erbium     | 164-1 | 55907     | 57304     | 54970     | 56060     | 2.10   | cps   |
| Erbium     | 164-2 | 28954     | 29141     | 28727     | 28941     | 0.72   | cps   |
| Gadolinium | 160-1 | 58141     | 58701     | 57873     | 58239     | 0.73   | cps   |
| Gadolinium | 160-2 | 33538     | 34744     | 34884     | 34389     | 2.15   | cps   |
| Holmium    | 165-1 | 11217094  | 11237577  | 11159259  | 11204644  | 0.36   | cps   |
| Holmium    | 165-2 | 5752621   | 5767599   | 5801821   | 5774014   | 0.44   | cps   |
| Indium     | 115-1 | 8703417   | 8600384   | 8560089   | 8621297   | 0.86   | cps   |
| Indium     | 115-2 | 1620388   | 1634259   | 1637329   | 1630658   | 0.55   | cps   |
| Iron       | 56-2  | 150372770 | 149645148 | 150082392 | 150033437 | 0.24   | cps   |
| Iron       | 57-2  | 3515697   | 3551945   | 3546105   | 3537916   | 0.55   | cps   |
| Krypton    | 83-1  | 467       | 437       | 520       | 474       | 8.90   | cps   |
| Lead       | 206-1 | 3292609   | 3251155   | 3210593   | 3251452   | 1.26   | cps   |
| Lead       | 207-1 | 2791731   | 2751783   | 2693045   | 2745520   | 1.81   | cps   |
| Lead       | 208-1 | 13174517  | 13093401  | 12886379  | 13051432  | 1.14   | cps   |
| Lithium    | 6-1   | 3632822   | 3589675   | 3546907   | 3589801   | 1.20   | cps   |
| Magnesium  | 24-2  | 2458919   | 2449559   | 2477864   | 2462114   | 0.59   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-12DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS010-1218-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 19:23:19 DataFile Name : 109SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 3870831  | 3883481  | 3882494  | 3878935  | 0.18   | cps   |
| Molybdenum | 94-1  | 71563    | 69897    | 69159    | 70206    | 1.75   | cps   |
| Molybdenum | 95-1  | 6618     | 7227     | 6852     | 6899     | 4.45   | cps   |
| Molybdenum | 96-1  | 21767    | 21509    | 22544    | 21940    | 2.45   | cps   |
| Molybdenum | 97-1  | 4084     | 4109     | 4126     | 4106     | 0.51   | cps   |
| Molybdenum | 98-1  | 10821    | 10513    | 10037    | 10457    | 3.78   | cps   |
| Neodymium  | 150-1 | 64035    | 64732    | 62649    | 63805    | 1.66   | cps   |
| Neodymium  | 150-2 | 25794    | 25661    | 26015    | 25823    | 0.69   | cps   |
| Nickel     | 60-2  | 52584    | 53992    | 54581    | 53719    | 1.91   | cps   |
| Phosphorus | 31-2  | 5660     | 5701     | 6035     | 5799     | 3.55   | cps   |
| Potassium  | 39-2  | 302022   | 301410   | 304627   | 302686   | 0.56   | cps   |
| Rhodium    | 103-1 | 7740658  | 7730575  | 7707887  | 7726373  | 0.22   | cps   |
| Rhodium    | 103-2 | 3405971  | 3433989  | 3437128  | 3425696  | 0.50   | cps   |
| Scandium   | 45-1  | 6068164  | 6031764  | 5892198  | 5997375  | 1.55   | cps   |
| Scandium   | 45-2  | 227641   | 231153   | 231361   | 230052   | 0.91   | cps   |
| Selenium   | 77-2  | 120      | 110      | 137      | 122      | 11.02  | cps   |
| Selenium   | 78-2  | 148      | 181      | 117      | 149      | 21.79  | cps   |
| Selenium   | 82-1  | 226      | 302      | 101      | 210      | 48.36  | cps   |
| Silicon    | 28-1  | 20651753 | 20551623 | 20083871 | 20429082 | 1.48   | cps   |
| Silver     | 109-1 | 1383     | 1392     | 1325     | 1367     | 2.66   | cps   |
| Silver     | 107-1 | 1625     | 1784     | 1609     | 1672     | 5.78   | cps   |
| Sodium     | 23-2  | 69436    | 68666    | 69194    | 69099    | 0.57   | cps   |
| Strontium  | 86-1  | 92120    | 89671    | 86150    | 89314    | 3.36   | cps   |
| Strontium  | 88-1  | 779771   | 774584   | 759320   | 771225   | 1.38   | cps   |
| Sulfur     | 34-1  | 310635   | 303789   | 304045   | 306156   | 1.27   | cps   |
| Terbium    | 159-1 | 11458758 | 11517687 | 11228864 | 11401770 | 1.34   | cps   |
| Terbium    | 159-2 | 5582445  | 5633809  | 5659756  | 5625337  | 0.70   | cps   |
| Thallium   | 203-1 | 1567     | 1458     | 1550     | 1525     | 3.83   | cps   |
| Thallium   | 205-1 | 3517     | 3817     | 3859     | 3731     | 5.00   | cps   |
| Thorium    | 232-1 | 214461   | 212972   | 208776   | 212070   | 1.39   | cps   |
| Tin        | 118-1 | 4668     | 4434     | 4259     | 4454     | 4.60   | cps   |
| Titanium   | 47-1  | 65018    | 64090    | 64249    | 64453    | 0.77   | cps   |
| Uranium    | 238-1 | 28616    | 29108    | 27680    | 28468    | 2.55   | cps   |
| Vanadium   | 51-2  | 76939    | 78202    | 77576    | 77572    | 0.81   | cps   |
| Yttrium    | 89-1  | 9725985  | 9641950  | 9514696  | 9627544  | 1.10   | cps   |
| Yttrium    | 89-2  | 1277959  | 1286576  | 1290680  | 1285071  | 0.51   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-12DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS010-1218-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 19:23:19  | DataFile Name :   | 109SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 98811  | 100040 | 100194 | 99682   | 0.76   | cps   |
| Zirconium | 90-1 | 183603 | 179781 | 176871 | 180085  | 1.87   | cps   |
| Zirconium | 91-1 | 40809  | 40559  | 39990  | 40453   | 1.04   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-13DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS010-1824-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 19:26:55 DataFile Name : 110SMPL.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 2941982   | 2912591   | 2929808   | 2928127   | 0.50   | cps   |
| Antimony   | 121-1 | 992       | 1000      | 958       | 983       | 2.24   | cps   |
| Arsenic    | 75-2  | 4869      | 4879      | 5019      | 4922      | 1.71   | cps   |
| Barium     | 135-1 | 934998    | 933825    | 922871    | 930565    | 0.72   | cps   |
| Barium     | 137-1 | 1640875   | 1625365   | 1638299   | 1634846   | 0.51   | cps   |
| Beryllium  | 9-1   | 4768      | 4779      | 4684      | 4743      | 1.09   | cps   |
| Bismuth    | 209-1 | 7607931   | 7630720   | 7640768   | 7626473   | 0.22   | cps   |
| Bismuth    | 209-2 | 4296757   | 4308273   | 4317004   | 4307345   | 0.24   | cps   |
| Boron      | 10-1  | 2292      | 2159      | 2325      | 2259      | 3.91   | cps   |
| Boron      | 11-1  | 9603      | 9495      | 9295      | 9464      | 1.65   | cps   |
| Cadmium    | 111-1 | 3912      | 3582      | 3859      | 3784      | 4.68   | cps   |
| Cadmium    | 106-1 | 4543      | 4126      | 4234      | 4301      | 5.03   | cps   |
| Cadmium    | 108-1 | 300       | 300       | 275       | 292       | 4.95   | cps   |
| Calcium    | 43-1  | 139772    | 139585    | 137039    | 138799    | 1.10   | cps   |
| Calcium    | 44-1  | 2254565   | 2248088   | 2219117   | 2240590   | 0.84   | cps   |
| Chromium   | 52-2  | 152493    | 151596    | 150320    | 151470    | 0.72   | cps   |
| Cobalt     | 59-2  | 101508    | 101575    | 99924     | 101002    | 0.93   | cps   |
| Copper     | 63-2  | 239264    | 235141    | 238105    | 237503    | 0.90   | cps   |
| Dysprosium | 156-1 | 67541     | 68203     | 68731     | 68159     | 0.87   | cps   |
| Dysprosium | 156-2 | 35326     | 36081     | 35910     | 35772     | 1.11   | cps   |
| Erbium     | 164-1 | 64285     | 62904     | 62234     | 63141     | 1.66   | cps   |
| Erbium     | 164-2 | 33558     | 32539     | 33033     | 33043     | 1.54   | cps   |
| Gadolinium | 160-1 | 67819     | 67040     | 66194     | 67017     | 1.21   | cps   |
| Gadolinium | 160-2 | 39246     | 39076     | 39266     | 39196     | 0.27   | cps   |
| Holmium    | 165-1 | 11326146  | 11182583  | 11172295  | 11227008  | 0.77   | cps   |
| Holmium    | 165-2 | 5734871   | 5766284   | 5771296   | 5757484   | 0.34   | cps   |
| Indium     | 115-1 | 8652555   | 8670727   | 8668642   | 8663975   | 0.11   | cps   |
| Indium     | 115-2 | 1623737   | 1628175   | 1627615   | 1626509   | 0.15   | cps   |
| Iron       | 56-2  | 146293687 | 145106675 | 146533498 | 145977953 | 0.52   | cps   |
| Iron       | 57-2  | 3434247   | 3453393   | 3421241   | 3436294   | 0.47   | cps   |
| Krypton    | 83-1  | 420       | 457       | 450       | 442       | 4.42   | cps   |
| Lead       | 206-1 | 2456861   | 2434368   | 2429726   | 2440318   | 0.59   | cps   |
| Lead       | 207-1 | 2068443   | 2059993   | 2050661   | 2059699   | 0.43   | cps   |
| Lead       | 208-1 | 9621327   | 9558339   | 9524270   | 9567979   | 0.51   | cps   |
| Lithium    | 6-1   | 3599627   | 3577419   | 3605174   | 3594073   | 0.41   | cps   |
| Magnesium  | 24-2  | 2396164   | 2398053   | 2391274   | 2395163   | 0.15   | cps   |



LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-13DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS010-1824-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 19:26:55 DataFile Name : 110SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 3758280  | 3748324  | 3740923  | 3749176  | 0.23   | cps   |
| Molybdenum | 94-1  | 68490    | 69971    | 68532    | 68998    | 1.22   | cps   |
| Molybdenum | 95-1  | 8061     | 7969     | 8461     | 8164     | 3.20   | cps   |
| Molybdenum | 96-1  | 23654    | 22427    | 22660    | 22914    | 2.84   | cps   |
| Molybdenum | 97-1  | 5043     | 5235     | 4768     | 5015     | 4.68   | cps   |
| Molybdenum | 98-1  | 12756    | 12915    | 12981    | 12884    | 0.90   | cps   |
| Neodymium  | 150-1 | 76391    | 73945    | 74716    | 75017    | 1.67   | cps   |
| Neodymium  | 150-2 | 30250    | 30387    | 30544    | 30394    | 0.48   | cps   |
| Nickel     | 60-2  | 63092    | 63159    | 63343    | 63198    | 0.21   | cps   |
| Phosphorus | 31-2  | 6043     | 6102     | 6051     | 6065     | 0.52   | cps   |
| Potassium  | 39-2  | 286034   | 282755   | 282858   | 283882   | 0.66   | cps   |
| Rhodium    | 103-1 | 7765924  | 7743026  | 7782711  | 7763887  | 0.26   | cps   |
| Rhodium    | 103-2 | 3426957  | 3424397  | 3432985  | 3428113  | 0.13   | cps   |
| Scandium   | 45-1  | 6016710  | 6033752  | 6025925  | 6025462  | 0.14   | cps   |
| Scandium   | 45-2  | 227661   | 226670   | 227654   | 227328   | 0.25   | cps   |
| Selenium   | 77-2  | 133      | 103      | 130      | 122      | 13.45  | cps   |
| Selenium   | 78-2  | 115      | 174      | 139      | 143      | 20.90  | cps   |
| Selenium   | 82-1  | 202      | 240      | 235      | 226      | 9.06   | cps   |
| Silicon    | 28-1  | 27019382 | 26891682 | 26854598 | 26921887 | 0.32   | cps   |
| Silver     | 109-1 | 1825     | 2142     | 2075     | 2014     | 8.29   | cps   |
| Silver     | 107-1 | 2242     | 1875     | 2284     | 2134     | 10.53  | cps   |
| Sodium     | 23-2  | 77525    | 77006    | 77098    | 77210    | 0.36   | cps   |
| Strontium  | 86-1  | 75918    | 73974    | 74778    | 74890    | 1.30   | cps   |
| Strontium  | 88-1  | 651100   | 646777   | 652188   | 650022   | 0.44   | cps   |
| Sulfur     | 34-1  | 294957   | 287194   | 289818   | 290656   | 1.36   | cps   |
| Terbium    | 159-1 | 11434683 | 11536607 | 11485167 | 11485486 | 0.44   | cps   |
| Terbium    | 159-2 | 5595083  | 5613249  | 5585844  | 5598059  | 0.25   | cps   |
| Thallium   | 203-1 | 1825     | 1617     | 1609     | 1684     | 7.29   | cps   |
| Thallium   | 205-1 | 3567     | 3676     | 3309     | 3517     | 5.36   | cps   |
| Thorium    | 232-1 | 213040   | 213672   | 213808   | 213506   | 0.19   | cps   |
| Tin        | 118-1 | 4918     | 5310     | 4959     | 5062     | 4.25   | cps   |
| Titanium   | 47-1  | 82899    | 86462    | 84685    | 84682    | 2.10   | cps   |
| Uranium    | 238-1 | 29184    | 29393    | 30253    | 29610    | 1.91   | cps   |
| Vanadium   | 51-2  | 77576    | 77877    | 78531    | 77995    | 0.63   | cps   |
| Yttrium    | 89-1  | 9750707  | 9713839  | 9793312  | 9752619  | 0.41   | cps   |
| Yttrium    | 89-2  | 1305544  | 1300762  | 1301258  | 1302521  | 0.20   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-13DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS010-1824-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 19:26:55  | DataFile Name :   | 110SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zinc      | 66-2 | 88171  | 88888  | 87939  | 88333   | 0.56   | cps   |
| Zirconium | 90-1 | 178262 | 177184 | 176238 | 177228  | 0.57   | cps   |
| Zirconium | 91-1 | 40166  | 40015  | 40533  | 40238   | 0.66   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-14DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS011-0006-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 19:30:31 DataFile Name : 111SMPL.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 2273618   | 2283704   | 2271760   | 2276361   | 0.28   | cps   |
| Antimony   | 121-1 | 967       | 992       | 767       | 908       | 13.58  | cps   |
| Arsenic    | 75-2  | 2774      | 2593      | 2711      | 2693      | 3.42   | cps   |
| Barium     | 135-1 | 751490    | 749635    | 743922    | 748349    | 0.53   | cps   |
| Barium     | 137-1 | 1322254   | 1313365   | 1313503   | 1316374   | 0.39   | cps   |
| Beryllium  | 9-1   | 3706      | 4067      | 3673      | 3815      | 5.73   | cps   |
| Bismuth    | 209-1 | 7596085   | 7668193   | 7620434   | 7628237   | 0.48   | cps   |
| Bismuth    | 209-2 | 4284624   | 4351304   | 4323476   | 4319801   | 0.78   | cps   |
| Boron      | 10-1  | 1900      | 1775      | 1892      | 1856      | 3.77   | cps   |
| Boron      | 11-1  | 8203      | 8336      | 8319      | 8286      | 0.88   | cps   |
| Cadmium    | 111-1 | 3133      | 3336      | 3071      | 3180      | 4.35   | cps   |
| Cadmium    | 106-1 | 3784      | 4117      | 3651      | 3851      | 6.24   | cps   |
| Cadmium    | 108-1 | 183       | 192       | 204       | 193       | 5.43   | cps   |
| Calcium    | 43-1  | 94317     | 92262     | 94083     | 93554     | 1.20   | cps   |
| Calcium    | 44-1  | 1506031   | 1521011   | 1504645   | 1510563   | 0.60   | cps   |
| Chromium   | 52-2  | 62334     | 61464     | 62405     | 62068     | 0.84   | cps   |
| Cobalt     | 59-2  | 80412     | 80667     | 80040     | 80373     | 0.39   | cps   |
| Copper     | 63-2  | 95720     | 97784     | 97603     | 97036     | 1.18   | cps   |
| Dysprosium | 156-1 | 38363     | 38480     | 37527     | 38123     | 1.36   | cps   |
| Dysprosium | 156-2 | 19374     | 19981     | 19474     | 19610     | 1.66   | cps   |
| Erbium     | 164-1 | 33492     | 33952     | 33350     | 33598     | 0.94   | cps   |
| Erbium     | 164-2 | 17258     | 17161     | 17485     | 17301     | 0.96   | cps   |
| Gadolinium | 160-1 | 35255     | 36566     | 36065     | 35962     | 1.84   | cps   |
| Gadolinium | 160-2 | 20275     | 20806     | 21530     | 20871     | 3.02   | cps   |
| Holmium    | 165-1 | 11173642  | 11128302  | 11098420  | 11133455  | 0.34   | cps   |
| Holmium    | 165-2 | 5708900   | 5762762   | 5731171   | 5734277   | 0.47   | cps   |
| Indium     | 115-1 | 8650399   | 8661747   | 8632327   | 8648158   | 0.17   | cps   |
| Indium     | 115-2 | 1614065   | 1630301   | 1631505   | 1625290   | 0.60   | cps   |
| Iron       | 56-2  | 103911944 | 103028161 | 103015122 | 103318409 | 0.50   | cps   |
| Iron       | 57-2  | 2414681   | 2415306   | 2409721   | 2413236   | 0.13   | cps   |
| Krypton    | 83-1  | 397       | 370       | 390       | 386       | 3.60   | cps   |
| Lead       | 206-1 | 554582    | 554139    | 555221    | 554647    | 0.10   | cps   |
| Lead       | 207-1 | 466101    | 470699    | 468174    | 468324    | 0.49   | cps   |
| Lead       | 208-1 | 2176029   | 2172947   | 2171563   | 2173513   | 0.11   | cps   |
| Lithium    | 6-1   | 3533635   | 3534055   | 3535607   | 3534432   | 0.03   | cps   |
| Magnesium  | 24-2  | 1482396   | 1487470   | 1473058   | 1480975   | 0.49   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-14DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS011-0006-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 19:30:31  | DataFile Name :   | 111SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 4394660  | 4400275  | 4406115  | 4400350  | 0.13   | cps   |
| Molybdenum | 94-1  | 33081    | 34042    | 32747    | 33290    | 2.02   | cps   |
| Molybdenum | 95-1  | 3776     | 3567     | 3534     | 3626     | 3.61   | cps   |
| Molybdenum | 96-1  | 11105    | 10196    | 10738    | 10679    | 4.28   | cps   |
| Molybdenum | 97-1  | 2125     | 2067     | 2109     | 2100     | 1.43   | cps   |
| Molybdenum | 98-1  | 5393     | 5393     | 5368     | 5385     | 0.27   | cps   |
| Neodymium  | 150-1 | 43269    | 43296    | 42446    | 43003    | 1.12   | cps   |
| Neodymium  | 150-2 | 17408    | 17017    | 17097    | 17174    | 1.20   | cps   |
| Nickel     | 60-2  | 37224    | 36155    | 37000    | 36793    | 1.53   | cps   |
| Phosphorus | 31-2  | 5126     | 4743     | 4984     | 4951     | 3.92   | cps   |
| Potassium  | 39-2  | 158143   | 157999   | 157383   | 157842   | 0.26   | cps   |
| Rhodium    | 103-1 | 7684529  | 7805844  | 7722788  | 7737721  | 0.80   | cps   |
| Rhodium    | 103-2 | 3408601  | 3439119  | 3444292  | 3430671  | 0.56   | cps   |
| Scandium   | 45-1  | 5879068  | 5886398  | 5877518  | 5880995  | 0.08   | cps   |
| Scandium   | 45-2  | 224310   | 223888   | 222278   | 223492   | 0.48   | cps   |
| Selenium   | 77-2  | 80       | 60       | 87       | 76       | 18.37  | cps   |
| Selenium   | 78-2  | 115      | 113      | 109      | 112      | 2.52   | cps   |
| Selenium   | 82-1  | 177      | 177      | 173      | 176      | 1.38   | cps   |
| Silicon    | 28-1  | 24520981 | 24442835 | 24482565 | 24482127 | 0.16   | cps   |
| Silver     | 109-1 | 783      | 808      | 817      | 803      | 2.16   | cps   |
| Silver     | 107-1 | 825      | 842      | 917      | 861      | 5.67   | cps   |
| Sodium     | 23-2  | 59076    | 59419    | 59402    | 59299    | 0.33   | cps   |
| Strontium  | 86-1  | 67937    | 69100    | 66973    | 68003    | 1.57   | cps   |
| Strontium  | 88-1  | 585146   | 584617   | 585420   | 585061   | 0.07   | cps   |
| Sulfur     | 34-1  | 265492   | 267518   | 262066   | 265025   | 1.04   | cps   |
| Terbium    | 159-1 | 11400521 | 11423866 | 11438572 | 11420986 | 0.17   | cps   |
| Terbium    | 159-2 | 5560053  | 5590906  | 5608193  | 5586384  | 0.44   | cps   |
| Thallium   | 203-1 | 1692     | 1659     | 1800     | 1717     | 4.31   | cps   |
| Thallium   | 205-1 | 3892     | 3967     | 3926     | 3929     | 0.96   | cps   |
| Thorium    | 232-1 | 103266   | 102778   | 101939   | 102661   | 0.65   | cps   |
| Tin        | 118-1 | 1809     | 1909     | 1734     | 1817     | 4.83   | cps   |
| Titanium   | 47-1  | 44510    | 42955    | 43231    | 43565    | 1.90   | cps   |
| Uranium    | 238-1 | 18848    | 20200    | 19273    | 19440    | 3.56   | cps   |
| Vanadium   | 51-2  | 65722    | 66416    | 66114    | 66084    | 0.53   | cps   |
| Yttrium    | 89-1  | 9342138  | 9436036  | 9367491  | 9381888  | 0.52   | cps   |
| Yttrium    | 89-2  | 1236692  | 1247552  | 1249157  | 1244467  | 0.54   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-14DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS011-0006-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 19:30:31  | DataFile Name :   | 111SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zinc      | 66-2 | 51925 | 51832 | 52186 | 51981   | 0.35   | cps   |
| Zirconium | 90-1 | 86813 | 84599 | 85270 | 85561   | 1.33   | cps   |
| Zirconium | 91-1 | 19164 | 19088 | 18888 | 19047   | 0.75   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-15DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS011-0612-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 19:34:06 DataFile Name : 112SMPL.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 2591032   | 2581533   | 2597363   | 2589976   | 0.31   | cps   |
| Antimony   | 121-1 | 658       | 683       | 750       | 697       | 6.80   | cps   |
| Arsenic    | 75-2  | 3013      | 3067      | 2963      | 3015      | 1.72   | cps   |
| Barium     | 135-1 | 573249    | 575897    | 575805    | 574984    | 0.26   | cps   |
| Barium     | 137-1 | 1020752   | 1013483   | 1008517   | 1014251   | 0.61   | cps   |
| Beryllium  | 9-1   | 3767      | 3667      | 3662      | 3699      | 1.61   | cps   |
| Bismuth    | 209-1 | 7557196   | 7608203   | 7651001   | 7605467   | 0.62   | cps   |
| Bismuth    | 209-2 | 4270833   | 4246450   | 4299992   | 4272425   | 0.63   | cps   |
| Boron      | 10-1  | 1583      | 1775      | 1583      | 1647      | 6.72   | cps   |
| Boron      | 11-1  | 7686      | 7869      | 7344      | 7633      | 3.49   | cps   |
| Cadmium    | 111-1 | 2996      | 3122      | 2920      | 3013      | 3.37   | cps   |
| Cadmium    | 106-1 | 3792      | 3876      | 3676      | 3781      | 2.66   | cps   |
| Cadmium    | 108-1 | 167       | 196       | 158       | 174       | 11.34  | cps   |
| Calcium    | 43-1  | 38092     | 38317     | 37941     | 38117     | 0.50   | cps   |
| Calcium    | 44-1  | 616663    | 617676    | 619828    | 618056    | 0.26   | cps   |
| Chromium   | 52-2  | 70337     | 69195     | 69606     | 69713     | 0.83   | cps   |
| Cobalt     | 59-2  | 77048     | 77742     | 76448     | 77079     | 0.84   | cps   |
| Copper     | 63-2  | 97505     | 98499     | 98998     | 98334     | 0.77   | cps   |
| Dysprosium | 156-1 | 46781     | 45970     | 45477     | 46076     | 1.43   | cps   |
| Dysprosium | 156-2 | 24165     | 24201     | 24719     | 24362     | 1.27   | cps   |
| Erbium     | 164-1 | 41164     | 40118     | 41774     | 41018     | 2.04   | cps   |
| Erbium     | 164-2 | 21434     | 21227     | 21370     | 21344     | 0.50   | cps   |
| Gadolinium | 160-1 | 43813     | 44264     | 43813     | 43963     | 0.59   | cps   |
| Gadolinium | 160-2 | 25447     | 25487     | 25210     | 25381     | 0.59   | cps   |
| Holmium    | 165-1 | 11045158  | 11092529  | 11100946  | 11079544  | 0.27   | cps   |
| Holmium    | 165-2 | 5682575   | 5699619   | 5726934   | 5703043   | 0.39   | cps   |
| Indium     | 115-1 | 8600300   | 8569301   | 8641977   | 8603859   | 0.42   | cps   |
| Indium     | 115-2 | 1615522   | 1600051   | 1613093   | 1609555   | 0.52   | cps   |
| Iron       | 56-2  | 110290680 | 109948411 | 110456916 | 110232002 | 0.24   | cps   |
| Iron       | 57-2  | 2575752   | 2577021   | 2588108   | 2580294   | 0.26   | cps   |
| Krypton    | 83-1  | 350       | 453       | 367       | 390       | 14.23  | cps   |
| Lead       | 206-1 | 615479    | 618656    | 611658    | 615264    | 0.57   | cps   |
| Lead       | 207-1 | 519369    | 521724    | 516118    | 519070    | 0.54   | cps   |
| Lead       | 208-1 | 2416392   | 2423958   | 2398600   | 2412983   | 0.54   | cps   |
| Lithium    | 6-1   | 3496619   | 3507723   | 3521087   | 3508476   | 0.35   | cps   |
| Magnesium  | 24-2  | 1708630   | 1708254   | 1725389   | 1714091   | 0.57   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-15DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS011-0612-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 19:34:06  | DataFile Name :   | 112SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 2682581  | 2687693  | 2706454  | 2692243  | 0.47   | cps   |
| Molybdenum | 94-1  | 34743    | 33607    | 34150    | 34167    | 1.66   | cps   |
| Molybdenum | 95-1  | 3517     | 3434     | 3709     | 3553     | 3.97   | cps   |
| Molybdenum | 96-1  | 11422    | 11980    | 11430    | 11611    | 2.76   | cps   |
| Molybdenum | 97-1  | 2200     | 2250     | 2192     | 2214     | 1.43   | cps   |
| Molybdenum | 98-1  | 5910     | 5318     | 5468     | 5565     | 5.53   | cps   |
| Neodymium  | 150-1 | 53102    | 53505    | 52828    | 53145    | 0.64   | cps   |
| Neodymium  | 150-2 | 22031    | 22291    | 22118    | 22147    | 0.60   | cps   |
| Nickel     | 60-2  | 39924    | 39510    | 38811    | 39415    | 1.43   | cps   |
| Phosphorus | 31-2  | 3859     | 3834     | 4459     | 4051     | 8.74   | cps   |
| Potassium  | 39-2  | 163088   | 160761   | 166237   | 163362   | 1.68   | cps   |
| Rhodium    | 103-1 | 7701285  | 7649326  | 7690365  | 7680325  | 0.36   | cps   |
| Rhodium    | 103-2 | 3399940  | 3381885  | 3396583  | 3392803  | 0.28   | cps   |
| Scandium   | 45-1  | 5852469  | 5809503  | 5829749  | 5830574  | 0.37   | cps   |
| Scandium   | 45-2  | 223394   | 222021   | 222846   | 222754   | 0.31   | cps   |
| Selenium   | 77-2  | 57       | 110      | 93       | 87       | 31.48  | cps   |
| Selenium   | 78-2  | 119      | 120      | 106      | 115      | 7.03   | cps   |
| Selenium   | 82-1  | 249      | 126      | 209      | 194      | 32.30  | cps   |
| Silicon    | 28-1  | 24990050 | 25112304 | 25118246 | 25073533 | 0.29   | cps   |
| Silver     | 109-1 | 1017     | 967      | 742      | 908      | 16.13  | cps   |
| Silver     | 107-1 | 1108     | 1083     | 933      | 1042     | 9.09   | cps   |
| Sodium     | 23-2  | 66615    | 66037    | 66514    | 66389    | 0.46   | cps   |
| Strontium  | 86-1  | 34342    | 34167    | 35328    | 34612    | 1.81   | cps   |
| Strontium  | 88-1  | 294954   | 298250   | 294780   | 295994   | 0.66   | cps   |
| Sulfur     | 34-1  | 246084   | 242433   | 242170   | 243563   | 0.90   | cps   |
| Terbium    | 159-1 | 11331144 | 11302673 | 11306192 | 11313336 | 0.14   | cps   |
| Terbium    | 159-2 | 5566403  | 5525343  | 5565598  | 5552448  | 0.42   | cps   |
| Thallium   | 203-1 | 1675     | 1884     | 1784     | 1781     | 5.85   | cps   |
| Thallium   | 205-1 | 4701     | 4601     | 4876     | 4726     | 2.95   | cps   |
| Thorium    | 232-1 | 146470   | 145376   | 144785   | 145544   | 0.59   | cps   |
| Tin        | 118-1 | 2209     | 2100     | 2292     | 2200     | 4.37   | cps   |
| Titanium   | 47-1  | 53883    | 53590    | 53766    | 53746    | 0.28   | cps   |
| Uranium    | 238-1 | 21485    | 20642    | 20509    | 20879    | 2.54   | cps   |
| Vanadium   | 51-2  | 71084    | 71274    | 71449    | 71269    | 0.26   | cps   |
| Yttrium    | 89-1  | 9377152  | 9333756  | 9380041  | 9363650  | 0.28   | cps   |
| Yttrium    | 89-2  | 1241055  | 1251817  | 1258311  | 1250394  | 0.70   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-15DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS011-0612-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 19:34:06  | DataFile Name :   | 112SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zinc      | 66-2 | 57409 | 56881 | 57221 | 57170   | 0.47   | cps   |
| Zirconium | 90-1 | 89353 | 88456 | 88389 | 88733   | 0.61   | cps   |
| Zirconium | 91-1 | 19339 | 19998 | 19714 | 19684   | 1.68   | cps   |



LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-16DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS011-1218-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 19:37:41 DataFile Name : 113SMPL.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 2592741   | 2602513   | 2605930   | 2600395   | 0.26   | cps   |
| Antimony   | 121-1 | 592       | 542       | 600       | 578       | 5.46   | cps   |
| Arsenic    | 75-2  | 3126      | 3230      | 3317      | 3224      | 2.96   | cps   |
| Barium     | 135-1 | 436266    | 431025    | 428853    | 432048    | 0.88   | cps   |
| Barium     | 137-1 | 767489    | 759423    | 747257    | 758057    | 1.34   | cps   |
| Beryllium  | 9-1   | 3300      | 3384      | 3256      | 3313      | 1.96   | cps   |
| Bismuth    | 209-1 | 7575345   | 7542661   | 7541492   | 7553166   | 0.25   | cps   |
| Bismuth    | 209-2 | 4227329   | 4279869   | 4292887   | 4266695   | 0.81   | cps   |
| Boron      | 10-1  | 1533      | 1375      | 1575      | 1495      | 7.06   | cps   |
| Boron      | 11-1  | 6843      | 6902      | 6643      | 6796      | 1.99   | cps   |
| Cadmium    | 111-1 | 2625      | 2733      | 2671      | 2676      | 2.02   | cps   |
| Cadmium    | 106-1 | 3592      | 3717      | 3601      | 3637      | 1.92   | cps   |
| Cadmium    | 108-1 | 133       | 117       | 113       | 121       | 9.13   | cps   |
| Calcium    | 43-1  | 23644     | 23845     | 23686     | 23725     | 0.45   | cps   |
| Calcium    | 44-1  | 395064    | 387120    | 389316    | 390500    | 1.05   | cps   |
| Chromium   | 52-2  | 69818     | 70410     | 70099     | 70109     | 0.42   | cps   |
| Cobalt     | 59-2  | 62857     | 62790     | 63172     | 62940     | 0.32   | cps   |
| Copper     | 63-2  | 84351     | 85364     | 85866     | 85194     | 0.91   | cps   |
| Dysprosium | 156-1 | 36157     | 36057     | 35664     | 35959     | 0.72   | cps   |
| Dysprosium | 156-2 | 18299     | 18619     | 18836     | 18585     | 1.45   | cps   |
| Erbium     | 164-1 | 31905     | 30552     | 31111     | 31189     | 2.18   | cps   |
| Erbium     | 164-2 | 16233     | 16043     | 16016     | 16097     | 0.73   | cps   |
| Gadolinium | 160-1 | 32448     | 32273     | 32231     | 32317     | 0.36   | cps   |
| Gadolinium | 160-2 | 19063     | 19120     | 19351     | 19178     | 0.79   | cps   |
| Holmium    | 165-1 | 11090832  | 10988625  | 10968462  | 11015973  | 0.60   | cps   |
| Holmium    | 165-2 | 5646887   | 5708197   | 5722095   | 5692393   | 0.70   | cps   |
| Indium     | 115-1 | 8583756   | 8565995   | 8539979   | 8563243   | 0.26   | cps   |
| Indium     | 115-2 | 1584787   | 1610364   | 1614960   | 1603370   | 1.01   | cps   |
| Iron       | 56-2  | 112900394 | 113334672 | 113235922 | 113156996 | 0.20   | cps   |
| Iron       | 57-2  | 2612157   | 2637251   | 2644660   | 2631356   | 0.65   | cps   |
| Krypton    | 83-1  | 350       | 367       | 370       | 362       | 2.96   | cps   |
| Lead       | 206-1 | 488934    | 482549    | 481998    | 484494    | 0.80   | cps   |
| Lead       | 207-1 | 411443    | 411290    | 403206    | 408646    | 1.15   | cps   |
| Lead       | 208-1 | 1915338   | 1903496   | 1881074   | 1899970   | 0.92   | cps   |
| Lithium    | 6-1   | 3498490   | 3486565   | 3461260   | 3482105   | 0.55   | cps   |
| Magnesium  | 24-2  | 1738938   | 1756685   | 1749849   | 1748490   | 0.51   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-16DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS011-1218-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 19:37:41 DataFile Name : 113SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1769890  | 1775673  | 1787867  | 1777810  | 0.52   | cps   |
| Molybdenum | 94-1  | 26317    | 28162    | 27244    | 27241    | 3.39   | cps   |
| Molybdenum | 95-1  | 3351     | 3200     | 3292     | 3281     | 2.31   | cps   |
| Molybdenum | 96-1  | 9837     | 9737     | 9946     | 9840     | 1.06   | cps   |
| Molybdenum | 97-1  | 1750     | 1984     | 1867     | 1867     | 6.25   | cps   |
| Molybdenum | 98-1  | 4726     | 4759     | 5201     | 4896     | 5.42   | cps   |
| Neodymium  | 150-1 | 42613    | 41109    | 42239    | 41987    | 1.87   | cps   |
| Neodymium  | 150-2 | 17001    | 17174    | 17244    | 17140    | 0.73   | cps   |
| Nickel     | 60-2  | 36636    | 36643    | 36328    | 36536    | 0.49   | cps   |
| Phosphorus | 31-2  | 4259     | 4459     | 3859     | 4192     | 7.29   | cps   |
| Potassium  | 39-2  | 137752   | 138465   | 138674   | 138297   | 0.35   | cps   |
| Rhodium    | 103-1 | 7689357  | 7635963  | 7594017  | 7639779  | 0.63   | cps   |
| Rhodium    | 103-2 | 3342369  | 3384836  | 3390464  | 3372556  | 0.78   | cps   |
| Scandium   | 45-1  | 5815904  | 5736778  | 5775415  | 5776032  | 0.69   | cps   |
| Scandium   | 45-2  | 219711   | 222211   | 222194   | 221372   | 0.65   | cps   |
| Selenium   | 77-2  | 47       | 47       | 93       | 62       | 43.30  | cps   |
| Selenium   | 78-2  | 104      | 87       | 111      | 101      | 12.25  | cps   |
| Selenium   | 82-1  | 157      | 164      | 177      | 166      | 5.96   | cps   |
| Silicon    | 28-1  | 23773169 | 23447820 | 23477380 | 23566123 | 0.76   | cps   |
| Silver     | 109-1 | 717      | 758      | 742      | 739      | 2.84   | cps   |
| Silver     | 107-1 | 1033     | 733      | 758      | 842      | 19.78  | cps   |
| Sodium     | 23-2  | 69570    | 68784    | 67938    | 68764    | 1.19   | cps   |
| Strontium  | 86-1  | 22936    | 22927    | 23103    | 22989    | 0.43   | cps   |
| Strontium  | 88-1  | 194188   | 192291   | 189857   | 192112   | 1.13   | cps   |
| Sulfur     | 34-1  | 240263   | 235228   | 233968   | 236486   | 1.41   | cps   |
| Terbium    | 159-1 | 11309187 | 11246516 | 11174675 | 11243459 | 0.60   | cps   |
| Terbium    | 159-2 | 5470758  | 5545091  | 5558637  | 5524828  | 0.86   | cps   |
| Thallium   | 203-1 | 2050     | 1800     | 1834     | 1895     | 7.17   | cps   |
| Thallium   | 205-1 | 5010     | 4884     | 4618     | 4837     | 4.14   | cps   |
| Thorium    | 232-1 | 140311   | 136425   | 136161   | 137632   | 1.69   | cps   |
| Tin        | 118-1 | 1742     | 1842     | 2050     | 1878     | 8.38   | cps   |
| Titanium   | 47-1  | 46708    | 44652    | 45596    | 45652    | 2.25   | cps   |
| Uranium    | 238-1 | 20817    | 20342    | 19699    | 20286    | 2.77   | cps   |
| Vanadium   | 51-2  | 70494    | 71345    | 70082    | 70640    | 0.91   | cps   |
| Yttrium    | 89-1  | 9237901  | 9195027  | 9139445  | 9190791  | 0.54   | cps   |
| Yttrium    | 89-2  | 1213157  | 1222919  | 1225491  | 1220522  | 0.53   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-16DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS011-1218-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 19:37:41  | DataFile Name :   | 113SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zinc      | 66-2 | 57105 | 56947 | 57934 | 57329   | 0.92   | cps   |
| Zirconium | 90-1 | 70541 | 69402 | 70759 | 70234   | 1.04   | cps   |
| Zirconium | 91-1 | 16193 | 15409 | 15784 | 15795   | 2.48   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-17DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS011-1824-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 19:41:16 DataFile Name : 114SMPL.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 2546013   | 2544496   | 2569965   | 2553492   | 0.56   | cps   |
| Antimony   | 121-1 | 458       | 433       | 467       | 453       | 3.83   | cps   |
| Arsenic    | 75-2  | 3095      | 3034      | 3108      | 3079      | 1.29   | cps   |
| Barium     | 135-1 | 549668    | 546908    | 548908    | 548495    | 0.26   | cps   |
| Barium     | 137-1 | 975080    | 967588    | 966363    | 969677    | 0.49   | cps   |
| Beryllium  | 9-1   | 3601      | 3701      | 3467      | 3589      | 3.26   | cps   |
| Bismuth    | 209-1 | 7389453   | 7486653   | 7496676   | 7457594   | 0.79   | cps   |
| Bismuth    | 209-2 | 4217675   | 4252875   | 4261778   | 4244109   | 0.55   | cps   |
| Boron      | 10-1  | 1617      | 1467      | 1450      | 1511      | 6.07   | cps   |
| Boron      | 11-1  | 6285      | 6377      | 6627      | 6429      | 2.75   | cps   |
| Cadmium    | 111-1 | 2675      | 2812      | 2795      | 2761      | 2.71   | cps   |
| Cadmium    | 106-1 | 3609      | 3701      | 3651      | 3653      | 1.26   | cps   |
| Cadmium    | 108-1 | 133       | 100       | 104       | 113       | 16.15  | cps   |
| Calcium    | 43-1  | 23737     | 24012     | 23912     | 23887     | 0.58   | cps   |
| Calcium    | 44-1  | 396066    | 393517    | 394751    | 394778    | 0.32   | cps   |
| Chromium   | 52-2  | 66600     | 67008     | 66753     | 66787     | 0.31   | cps   |
| Cobalt     | 59-2  | 63617     | 63025     | 63544     | 63395     | 0.51   | cps   |
| Copper     | 63-2  | 117641    | 119076    | 120359    | 119026    | 1.14   | cps   |
| Dysprosium | 156-1 | 36541     | 37302     | 36257     | 36700     | 1.47   | cps   |
| Dysprosium | 156-2 | 18025     | 18710     | 18032     | 18256     | 2.15   | cps   |
| Erbium     | 164-1 | 30702     | 30844     | 30944     | 30830     | 0.39   | cps   |
| Erbium     | 164-2 | 16076     | 16363     | 16220     | 16220     | 0.88   | cps   |
| Gadolinium | 160-1 | 32765     | 33133     | 32147     | 32682     | 1.52   | cps   |
| Gadolinium | 160-2 | 18793     | 19023     | 18937     | 18918     | 0.61   | cps   |
| Holmium    | 165-1 | 10900550  | 10920736  | 10890441  | 10903909  | 0.14   | cps   |
| Holmium    | 165-2 | 5613262   | 5658819   | 5668246   | 5646775   | 0.52   | cps   |
| Indium     | 115-1 | 8422313   | 8437974   | 8484323   | 8448203   | 0.38   | cps   |
| Indium     | 115-2 | 1594539   | 1601018   | 1613129   | 1602895   | 0.59   | cps   |
| Iron       | 56-2  | 113110144 | 113919247 | 114370578 | 113799990 | 0.56   | cps   |
| Iron       | 57-2  | 2644508   | 2670024   | 2676363   | 2663632   | 0.63   | cps   |
| Krypton    | 83-1  | 390       | 423       | 353       | 389       | 9.00   | cps   |
| Lead       | 206-1 | 348338    | 344651    | 344327    | 345772    | 0.64   | cps   |
| Lead       | 207-1 | 293049    | 290035    | 291997    | 291694    | 0.52   | cps   |
| Lead       | 208-1 | 1368140   | 1356158   | 1357480   | 1360593   | 0.48   | cps   |
| Lithium    | 6-1   | 3450792   | 3444918   | 3440897   | 3445536   | 0.14   | cps   |
| Magnesium  | 24-2  | 1723659   | 1738590   | 1747862   | 1736703   | 0.70   | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : J6388-17DLX5 Instrumnet Name : P7  
 Client Sample ID : P001-SS011-1824-01DL Dilution Factor : 5  
 Date & Time Acquired :: 2018-12-27 19:41:16 DataFile Name : 114SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 2327739  | 2357622  | 2371706  | 2352356  | 0.95   | cps   |
| Molybdenum | 94-1  | 27912    | 27987    | 27794    | 27898    | 0.35   | cps   |
| Molybdenum | 95-1  | 2909     | 3617     | 3142     | 3223     | 11.20  | cps   |
| Molybdenum | 96-1  | 10112    | 10062    | 10304    | 10160    | 1.26   | cps   |
| Molybdenum | 97-1  | 2067     | 2184     | 1934     | 2061     | 6.07   | cps   |
| Molybdenum | 98-1  | 4801     | 4884     | 4776     | 4820     | 1.18   | cps   |
| Neodymium  | 150-1 | 44439    | 43255    | 42540    | 43411    | 2.21   | cps   |
| Neodymium  | 150-2 | 17628    | 17882    | 18012    | 17841    | 1.09   | cps   |
| Nickel     | 60-2  | 37104    | 37979    | 37672    | 37585    | 1.18   | cps   |
| Phosphorus | 31-2  | 3776     | 3759     | 3626     | 3720     | 2.21   | cps   |
| Potassium  | 39-2  | 121335   | 121434   | 124107   | 122292   | 1.29   | cps   |
| Rhodium    | 103-1 | 7571229  | 7563258  | 7576847  | 7570444  | 0.09   | cps   |
| Rhodium    | 103-2 | 3351684  | 3378133  | 3368826  | 3366215  | 0.40   | cps   |
| Scandium   | 45-1  | 5682728  | 5743531  | 5709171  | 5711810  | 0.53   | cps   |
| Scandium   | 45-2  | 219596   | 217964   | 217952   | 218504   | 0.43   | cps   |
| Selenium   | 77-2  | 80       | 53       | 67       | 67       | 20.00  | cps   |
| Selenium   | 78-2  | 96       | 113      | 102      | 104      | 8.18   | cps   |
| Selenium   | 82-1  | 117      | 53       | 190      | 120      | 56.91  | cps   |
| Silicon    | 28-1  | 23141587 | 23188969 | 23056068 | 23128875 | 0.29   | cps   |
| Silver     | 109-1 | 775      | 742      | 583      | 700      | 14.63  | cps   |
| Silver     | 107-1 | 925      | 933      | 892      | 917      | 2.40   | cps   |
| Sodium     | 23-2  | 76336    | 76178    | 77625    | 76713    | 1.04   | cps   |
| Strontium  | 86-1  | 24756    | 24622    | 23537    | 24305    | 2.75   | cps   |
| Strontium  | 88-1  | 209610   | 205254   | 209270   | 208045   | 1.16   | cps   |
| Sulfur     | 34-1  | 236033   | 235016   | 232579   | 234543   | 0.76   | cps   |
| Terbium    | 159-1 | 11178500 | 11125781 | 11189121 | 11164467 | 0.30   | cps   |
| Terbium    | 159-2 | 5464498  | 5492175  | 5551141  | 5502605  | 0.80   | cps   |
| Thallium   | 203-1 | 1817     | 1709     | 1725     | 1750     | 3.33   | cps   |
| Thallium   | 205-1 | 4618     | 4218     | 4434     | 4423     | 4.53   | cps   |
| Thorium    | 232-1 | 146780   | 146342   | 147701   | 146941   | 0.47   | cps   |
| Tin        | 118-1 | 1108     | 1467     | 1317     | 1297     | 13.87  | cps   |
| Titanium   | 47-1  | 43657    | 41735    | 43508    | 42967    | 2.49   | cps   |
| Uranium    | 238-1 | 19899    | 20066    | 19699    | 19888    | 0.92   | cps   |
| Vanadium   | 51-2  | 64668    | 66024    | 65525    | 65405    | 1.05   | cps   |
| Yttrium    | 89-1  | 9117117  | 9028806  | 9113913  | 9086612  | 0.55   | cps   |
| Yttrium    | 89-2  | 1214890  | 1221104  | 1228444  | 1221479  | 0.56   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB100071             | Operator :        | Jaswal    |
| Lab Sample ID :         | J6388-17DLX5         | Instrumnet Name : | P7        |
| Client Sample ID :      | P001-SS011-1824-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-12-27 19:41:16  | DataFile Name :   | 114SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zinc      | 66-2 | 52959 | 55181 | 54388 | 54176   | 2.08   | cps   |
| Zirconium | 90-1 | 70658 | 68523 | 68163 | 69115   | 1.95   | cps   |
| Zirconium | 91-1 | 16151 | 15768 | 15342 | 15754   | 2.57   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100071            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV32               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV32               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-12-27 19:44:51 | DataFile Name :   | 115CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 4253602   | 4290774   | 4307180   | 4283852   | 0.64   | cps   |
| Antimony   | 121-1 | 3597863   | 3590940   | 3634552   | 3607785   | 0.65   | cps   |
| Arsenic    | 75-2  | 113278    | 114944    | 115457    | 114560    | 0.99   | cps   |
| Barium     | 135-1 | 4684357   | 4687224   | 4707799   | 4693127   | 0.27   | cps   |
| Barium     | 137-1 | 8531663   | 8517116   | 8505500   | 8518093   | 0.15   | cps   |
| Beryllium  | 9-1   | 1190579   | 1174175   | 1182150   | 1182301   | 0.69   | cps   |
| Bismuth    | 209-1 | 5981195   | 5988370   | 5994810   | 5988125   | 0.11   | cps   |
| Bismuth    | 209-2 | 3511915   | 3533497   | 3578530   | 3541314   | 0.96   | cps   |
| Boron      | 10-1  | 215048    | 215193    | 217633    | 215958    | 0.67   | cps   |
| Boron      | 11-1  | 945465    | 959213    | 963105    | 955928    | 0.97   | cps   |
| Cadmium    | 111-1 | 1096270   | 1086545   | 1096578   | 1093131   | 0.52   | cps   |
| Cadmium    | 106-1 | 125948    | 122997    | 123569    | 124171    | 1.26   | cps   |
| Cadmium    | 108-1 | 85196     | 84031     | 84865     | 84697     | 0.71   | cps   |
| Calcium    | 43-1  | 6592874   | 6489497   | 6549513   | 6543961   | 0.79   | cps   |
| Calcium    | 44-1  | 106014936 | 104464846 | 105500104 | 105326629 | 0.75   | cps   |
| Chromium   | 52-2  | 1058806   | 1077222   | 1074598   | 1070208   | 0.93   | cps   |
| Cobalt     | 59-2  | 1679895   | 1680367   | 1694884   | 1685049   | 0.51   | cps   |
| Copper     | 63-2  | 2256433   | 2271644   | 2299465   | 2275847   | 0.96   | cps   |
| Dysprosium | 156-1 | 125       | 117       | 133       | 125       | 6.67   | cps   |
| Dysprosium | 156-2 | 97        | 90        | 100       | 96        | 5.33   | cps   |
| Erbium     | 164-1 | 50        | 75        | 75        | 67        | 21.65  | cps   |
| Erbium     | 164-2 | 20        | 17        | 33        | 23        | 37.78  | cps   |
| Gadolinium | 160-1 | 83        | 92        | 83        | 86        | 5.58   | cps   |
| Gadolinium | 160-2 | 170       | 177       | 127       | 158       | 17.21  | cps   |
| Holmium    | 165-1 | 10094815  | 10061680  | 10131155  | 10095883  | 0.34   | cps   |
| Holmium    | 165-2 | 5130881   | 5196254   | 5261285   | 5196140   | 1.25   | cps   |
| Indium     | 115-1 | 7330642   | 7284982   | 7360984   | 7325536   | 0.52   | cps   |
| Indium     | 115-2 | 1362460   | 1384071   | 1391245   | 1379258   | 1.09   | cps   |
| Iron       | 56-2  | 239868661 | 240361244 | 243877422 | 241369109 | 0.91   | cps   |
| Iron       | 57-2  | 5911577   | 5900745   | 5938589   | 5916970   | 0.33   | cps   |
| Krypton    | 83-1  | 347       | 303       | 323       | 324       | 6.69   | cps   |
| Lead       | 206-1 | 3212940   | 3199747   | 3229313   | 3214000   | 0.46   | cps   |
| Lead       | 207-1 | 2952548   | 2934546   | 2950901   | 2945998   | 0.34   | cps   |
| Lead       | 208-1 | 13483570  | 13432886  | 13507814  | 13474756  | 0.28   | cps   |
| Lithium    | 6-1   | 3042951   | 3041933   | 3039363   | 3041416   | 0.06   | cps   |
| Magnesium  | 24-2  | 46484007  | 46417493  | 46782036  | 46561179  | 0.42   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100071            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV32               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV32               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-12-27 19:44:51 | DataFile Name :   | 115CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1339225  | 1341051  | 1350085  | 1343454  | 0.43   | cps   |
| Molybdenum | 94-1  | 7914891  | 7780807  | 7893417  | 7863038  | 0.92   | cps   |
| Molybdenum | 95-1  | 9672022  | 9553397  | 9666984  | 9630801  | 0.70   | cps   |
| Molybdenum | 96-1  | 10699175 | 10604577 | 10706633 | 10670128 | 0.53   | cps   |
| Molybdenum | 97-1  | 6018867  | 5948184  | 5958671  | 5975241  | 0.64   | cps   |
| Molybdenum | 98-1  | 15405410 | 15401540 | 15485449 | 15430800 | 0.31   | cps   |
| Neodymium  | 150-1 | 487      | 487      | 627      | 533      | 15.16  | cps   |
| Neodymium  | 150-2 | 90       | 93       | 67       | 83       | 17.44  | cps   |
| Nickel     | 60-2  | 424598   | 427083   | 433237   | 428306   | 1.04   | cps   |
| Phosphorus | 31-2  | 40247    | 43406    | 42353    | 42002    | 3.83   | cps   |
| Potassium  | 39-2  | 21044931 | 21112649 | 21390195 | 21182592 | 0.86   | cps   |
| Rhodium    | 103-1 | 6294853  | 6257379  | 6254148  | 6268793  | 0.36   | cps   |
| Rhodium    | 103-2 | 2767674  | 2789426  | 2812965  | 2790022  | 0.81   | cps   |
| Scandium   | 45-1  | 5064726  | 5031363  | 5062086  | 5052725  | 0.37   | cps   |
| Scandium   | 45-2  | 194363   | 197284   | 198831   | 196826   | 1.15   | cps   |
| Selenium   | 77-2  | 3200     | 3537     | 3434     | 3390     | 5.09   | cps   |
| Selenium   | 78-2  | 11681    | 11423    | 11738    | 11614    | 1.44   | cps   |
| Selenium   | 82-1  | 81299    | 80466    | 81346    | 81037    | 0.61   | cps   |
| Silicon    | 28-1  | 3463143  | 3461431  | 3485532  | 3470035  | 0.39   | cps   |
| Silver     | 109-1 | 4600394  | 4575333  | 4591139  | 4588955  | 0.28   | cps   |
| Silver     | 107-1 | 4796695  | 4750154  | 4738288  | 4761713  | 0.65   | cps   |
| Sodium     | 23-2  | 87945044 | 87920717 | 89302083 | 88389281 | 0.89   | cps   |
| Strontium  | 86-1  | 1297922  | 1272019  | 1284963  | 1284968  | 1.01   | cps   |
| Strontium  | 88-1  | 11541632 | 11402247 | 11478932 | 11474270 | 0.61   | cps   |
| Sulfur     | 34-1  | 765637   | 755366   | 761758   | 760920   | 0.68   | cps   |
| Terbium    | 159-1 | 10250122 | 10249626 | 10248726 | 10249491 | 0.01   | cps   |
| Terbium    | 159-2 | 4987278  | 5013690  | 5066584  | 5022517  | 0.80   | cps   |
| Thallium   | 203-1 | 3989863  | 3963437  | 4022740  | 3992013  | 0.74   | cps   |
| Thallium   | 205-1 | 9912489  | 9872794  | 10003011 | 9929432  | 0.67   | cps   |
| Thorium    | 232-1 | 15685479 | 15722535 | 15830244 | 15746086 | 0.48   | cps   |
| Tin        | 118-1 | 3254591  | 3233456  | 3281321  | 3256456  | 0.74   | cps   |
| Titanium   | 47-1  | 2847456  | 2827790  | 2841870  | 2839039  | 0.36   | cps   |
| Uranium    | 238-1 | 15187890 | 15232366 | 15322823 | 15247693 | 0.45   | cps   |
| Vanadium   | 51-2  | 852874   | 863982   | 873593   | 863483   | 1.20   | cps   |
| Yttrium    | 89-1  | 7794174  | 7799354  | 7845708  | 7813079  | 0.36   | cps   |
| Yttrium    | 89-2  | 1047181  | 1047589  | 1059493  | 1051421  | 0.67   | cps   |



|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB100071            | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV32               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV32               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-12-27 19:44:51 | DataFile Name :   | 115CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zinc      | 66-2 | 373213  | 376694  | 377515  | 375808  | 0.61   | cps   |
| Zirconium | 90-1 | 6715697 | 6680804 | 6694842 | 6697114 | 0.26   | cps   |
| Zirconium | 91-1 | 1453678 | 1444993 | 1449265 | 1449312 | 0.30   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB32               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB32               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 19:48:28 | DataFile Name :   | 116CCBE.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 300      | 3204     | 258      | 1254     | 134.66 | cps   |
| Antimony   | 121-1 | 1583     | 1300     | 1367     | 1417     | 10.46  | cps   |
| Arsenic    | 75-2  | 20       | 20       | 19       | 20       | 5.41   | cps   |
| Barium     | 135-1 | 383      | 300      | 325      | 336      | 12.72  | cps   |
| Barium     | 137-1 | 642      | 492      | 475      | 536      | 17.12  | cps   |
| Beryllium  | 9-1   | 211      | 239      | 200      | 217      | 9.24   | cps   |
| Bismuth    | 209-1 | 7735040  | 7765232  | 7699157  | 7733143  | 0.43   | cps   |
| Bismuth    | 209-2 | 4299669  | 4397950  | 4309551  | 4335723  | 1.25   | cps   |
| Boron      | 10-1  | 3934     | 3934     | 3534     | 3801     | 6.08   | cps   |
| Boron      | 11-1  | 17561    | 16468    | 14916    | 16315    | 8.15   | cps   |
| Cadmium    | 111-1 | 2533     | 2454     | 2247     | 2411     | 6.13   | cps   |
| Cadmium    | 106-1 | 3476     | 3367     | 3075     | 3306     | 6.26   | cps   |
| Cadmium    | 108-1 | 29       | 17       | 8        | 18       | 58.09  | cps   |
| Calcium    | 43-1  | 442      | 358      | 275      | 358      | 23.26  | cps   |
| Calcium    | 44-1  | 9170     | 9437     | 8386     | 8998     | 6.07   | cps   |
| Chromium   | 52-2  | 697      | 1027     | 730      | 818      | 22.23  | cps   |
| Cobalt     | 59-2  | 137      | 527      | 140      | 268      | 83.76  | cps   |
| Copper     | 63-2  | 223      | 560      | 290      | 358      | 49.84  | cps   |
| Dysprosium | 156-1 | 42       | 17       | 25       | 28       | 45.82  | cps   |
| Dysprosium | 156-2 | 7        | 3        | 3        | 4        | 43.40  | cps   |
| Erbium     | 164-1 | 8        | 17       | 25       | 17       | 50.01  | cps   |
| Erbium     | 164-2 | 27       | 10       | 10       | 16       | 61.87  | cps   |
| Gadolinium | 160-1 | 67       | 67       | 25       | 53       | 45.58  | cps   |
| Gadolinium | 160-2 | 130      | 157      | 180      | 156      | 16.08  | cps   |
| Holmium    | 165-1 | 10862225 | 11026294 | 10944275 | 10944265 | 0.75   | cps   |
| Holmium    | 165-2 | 5583814  | 5700295  | 5593848  | 5625985  | 1.15   | cps   |
| Indium     | 115-1 | 8541643  | 8573655  | 8617893  | 8577730  | 0.45   | cps   |
| Indium     | 115-2 | 1613438  | 1638561  | 1605904  | 1619301  | 1.06   | cps   |
| Iron       | 56-2  | 19936    | 90715    | 21956    | 44202    | 91.16  | cps   |
| Iron       | 57-2  | 544      | 2685     | 656      | 1295     | 93.05  | cps   |
| Krypton    | 83-1  | 317      | 343      | 340      | 333      | 4.36   | cps   |
| Lead       | 206-1 | 1445     | 1411     | 1456     | 1437     | 1.61   | cps   |
| Lead       | 207-1 | 1178     | 1222     | 1239     | 1213     | 2.60   | cps   |
| Lead       | 208-1 | 5684     | 5673     | 5662     | 5673     | 0.20   | cps   |
| Lithium    | 6-1   | 3458391  | 3467758  | 3470749  | 3465633  | 0.19   | cps   |
| Magnesium  | 24-2  | 2200     | 38667    | 2392     | 14420    | 145.63 | cps   |

LB Number : LB100071 Operator : Jaswal  
 Lab Sample ID : CCB32 Instrumnet Name : P7  
 Client Sample ID : CCB32 Dilution Factor : 1  
 Date & Time Acquired :: 2018-12-27 19:48:28 DataFile Name : 116CCBE.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD   | Units |
|------------|-------|----------|----------|----------|----------|----------|-------|
| Manganese  | 55-2  | 327      | 874      | 383      | 528      | 56.99    | cps   |
| Molybdenum | 94-1  | 1884     | 1575     | 1350     | 1603     | 16.71    | cps   |
| Molybdenum | 95-1  | 2409     | 2034     | 2059     | 2167     | 9.68     | cps   |
| Molybdenum | 96-1  | 2884     | 2775     | 2034     | 2564     | 18.05    | cps   |
| Molybdenum | 97-1  | 1617     | 1425     | 1233     | 1425     | 13.45    | cps   |
| Molybdenum | 98-1  | 4076     | 3409     | 2934     | 3473     | 16.52    | cps   |
| Neodymium  | 150-1 | 7        | 13       | 0        | 7        | 99.98    | cps   |
| Neodymium  | 150-2 | 3        | 3        | 3        | 3        | 0.00     | cps   |
| Nickel     | 60-2  | 40       | 160      | 67       | 89       | 70.89    | cps   |
| Phosphorus | 31-2  | 183      | 225      | 142      | 183      | 22.73    | cps   |
| Potassium  | 39-2  | 15642    | 26578    | 17044    | 19755    | 30.12    | cps   |
| Rhodium    | 103-1 | 7694309  | 7767124  | 7719217  | 7726883  | 0.48     | cps   |
| Rhodium    | 103-2 | 3411457  | 3452682  | 3426527  | 3430222  | 0.61     | cps   |
| Scandium   | 45-1  | 5622255  | 5671433  | 5693010  | 5662233  | 0.64     | cps   |
| Scandium   | 45-2  | 217996   | 219141   | 217319   | 218152   | 0.42     | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00     | cps   |
| Selenium   | 78-2  | 43       | 52       | 43       | 46       | 11.70    | cps   |
| Selenium   | 82-1  | -6       | -6       | 9        | -1       | -1070.20 | cps   |
| Silicon    | 28-1  | 188177   | 185081   | 183217   | 185492   | 1.35     | cps   |
| Silver     | 109-1 | 367      | 408      | 500      | 425      | 16.05    | cps   |
| Silver     | 107-1 | 567      | 517      | 400      | 494      | 17.30    | cps   |
| Sodium     | 23-2  | 17085    | 82029    | 17569    | 38894    | 96.04    | cps   |
| Strontium  | 86-1  | 608      | 583      | 633      | 608      | 4.11     | cps   |
| Strontium  | 88-1  | 850      | 792      | 692      | 778      | 10.30    | cps   |
| Sulfur     | 34-1  | 296384   | 297782   | 297406   | 297190   | 0.24     | cps   |
| Terbium    | 159-1 | 11208762 | 11214469 | 11166219 | 11196483 | 0.24     | cps   |
| Terbium    | 159-2 | 5450510  | 5550767  | 5494215  | 5498497  | 0.91     | cps   |
| Thallium   | 203-1 | 975      | 867      | 825      | 889      | 8.71     | cps   |
| Thallium   | 205-1 | 2400     | 2492     | 1917     | 2270     | 13.61    | cps   |
| Thorium    | 232-1 | 3062     | 2578     | 2361     | 2667     | 13.44    | cps   |
| Tin        | 118-1 | 1100     | 1042     | 1142     | 1095     | 4.59     | cps   |
| Titanium   | 47-1  | 275      | 200      | 342      | 272      | 26.04    | cps   |
| Uranium    | 238-1 | 775      | 717      | 667      | 720      | 7.54     | cps   |
| Vanadium   | 51-2  | 40       | 434      | 53       | 176      | 127.24   | cps   |
| Yttrium    | 89-1  | 8710244  | 8779411  | 8729605  | 8739754  | 0.41     | cps   |
| Yttrium    | 89-2  | 1162112  | 1176991  | 1164910  | 1168004  | 0.68     | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB100071            | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB32               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB32               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-12-27 19:48:28 | DataFile Name :   | 116CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zinc      | 66-2 | 263  | 293  | 220  | 259     | 14.24  | cps   |
| Zirconium | 90-1 | 1183 | 1000 | 917  | 1033    | 13.20  | cps   |
| Zirconium | 91-1 | 208  | 275  | 250  | 244     | 13.78  | cps   |