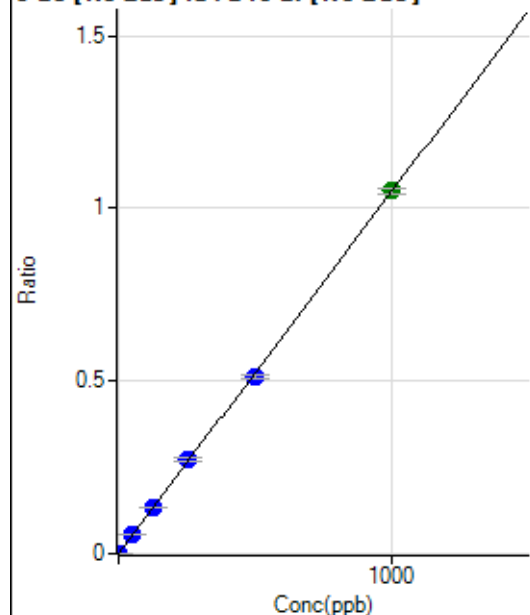


Batch Folder: D:\P8100318 -MS.b\  
Analysis File: P8100318 -MS.batch.bin  
DA Date-Time: 2018-10-04 00:22:58  
Calibration Title:  
Calibration Method: External Calibration  
VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time      |
|-------|--------------------|-------------|---------------------|
| 1     | 003CALB.d          | S00         | 2018-10-03 13:35:10 |
| 2     | 004CAL.S.d         | S01         | 2018-10-03 13:38:32 |
| 3     | 005CAL.S.d         | S02         | 2018-10-03 13:42:41 |
| 4     | 006CAL.S.d         | S03         | 2018-10-03 13:46:26 |
| 5     | 007CAL.S.d         | S04         | 2018-10-03 13:50:09 |
| 6     | 008CAL.S.d         | S05         | 2018-10-03 13:53:44 |
| 7     | 009CAL.S.d         | S06         | 2018-10-03 13:57:15 |
| 8     | 010CAL.S.d         | S07         | 2018-10-03 14:00:42 |
| 9     | 011CAL.S.d         | S08         | 2018-10-03 14:04:02 |

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 194.45     | 0.0001 | P    | 5.5  |
| 2 | <input type="checkbox"/> | 0.100    | 0.127      | 416.69     | 0.0003 | P    | 15.0 |
| 3 | <input type="checkbox"/> | 1.000    | 1.062      | 2029.83    | 0.0012 | P    | 5.2  |
| 4 | <input type="checkbox"/> | 50.000   | 51.589     | 90292.63   | 0.0542 | P    | 1.6  |
| 5 | <input type="checkbox"/> | 125.000  | 127.566    | 223310.67  | 0.1338 | P    | 1.1  |
| 6 | <input type="checkbox"/> | 250.000  | 259.697    | 439181.00  | 0.2723 | P    | 4.2  |
| 7 | <input type="checkbox"/> | 500.000  | 488.739    | 855811.93  | 0.5123 | P    | 2.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 1002.806   | 1676580.48 | 1.0510 | A    | 1.8  |
| 9 | <input type="checkbox"/> |          |            | 1059.33    | 0.0007 | P    | 3.9  |

$$y = 0.0010 * x + 1.1877E-004$$

$$R = 0.9999$$

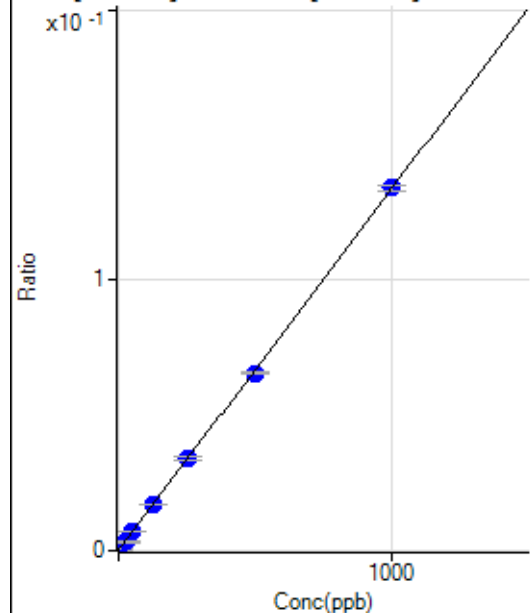
$$DL = 0.01868$$

$$BEC = 0.1133$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 444.47    | 0.0003 | P    | 13.0 |
| 2 | <input type="checkbox"/> | 2.500    | 2.306      | 958.41    | 0.0006 | P    | 11.9 |
| 3 | <input type="checkbox"/> | 25.000   | 22.168     | 5323.46   | 0.0032 | P    | 6.3  |
| 4 | <input type="checkbox"/> | 50.000   | 52.282     | 12088.88  | 0.0073 | P    | 2.9  |
| 5 | <input type="checkbox"/> | 125.000  | 126.566    | 28665.53  | 0.0172 | P    | 1.9  |
| 6 | <input type="checkbox"/> | 250.000  | 255.179    | 55430.27  | 0.0344 | P    | 3.5  |
| 7 | <input type="checkbox"/> | 500.000  | 490.427    | 109910.55 | 0.0658 | P    | 1.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 1003.253   | 214199.08 | 0.1343 | P    | 1.7  |
| 9 | <input type="checkbox"/> |          |            | 4809.33   | 0.0032 | P    | 9.9  |

$$y = 1.3357E-004 * x + 2.7122E-004$$

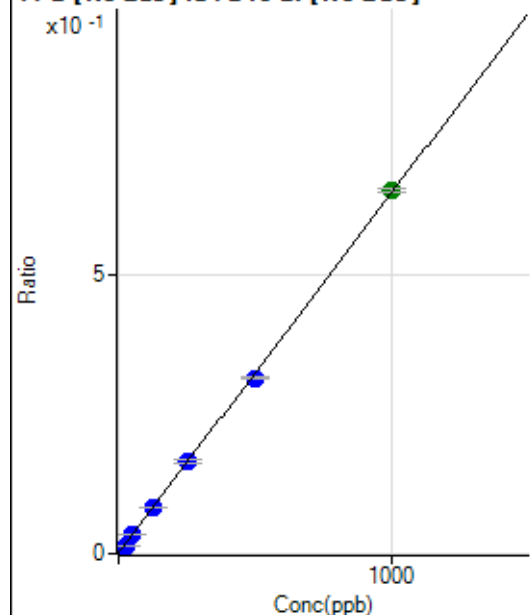
$$R = 0.9999$$

$$DL = 0.7942$$

$$BEC = 2.031$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 2480.88    | 0.0015 | P   | 3.0  |
| 2 | <input type="checkbox"/> | 2.500    | 1.681      | 4300.80    | 0.0026 | P   | 4.8  |
| 3 | <input type="checkbox"/> | 25.000   | 21.320     | 25161.92   | 0.0153 | P   | 1.6  |
| 4 | <input type="checkbox"/> | 50.000   | 49.909     | 56233.42   | 0.0337 | P   | 1.1  |
| 5 | <input type="checkbox"/> | 125.000  | 125.692    | 137973.32  | 0.0827 | P   | 2.2  |
| 6 | <input type="checkbox"/> | 250.000  | 254.852    | 267895.56  | 0.1661 | P   | 4.1  |
| 7 | <input type="checkbox"/> | 500.000  | 485.597    | 526409.30  | 0.3151 | P   | 1.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 1006.001   | 1038718.29 | 0.6511 | A   | 1.1  |
| 9 | <input type="checkbox"/> |          |            | 23929.29   | 0.0157 | P   | 10.2 |

$$y = 6.4572E-004 * x + 0.0015$$

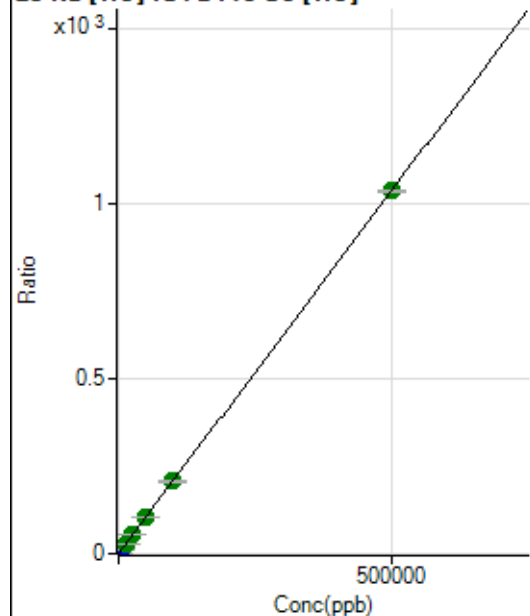
$$R = 0.9998$$

$$DL = 0.2101$$

$$BEC = 2.347$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio     | Det | RSD |
|---|--------------------------|-----------|------------|-------------|-----------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 8778.12     | 0.2143    | P   | 0.7 |
| 2 | <input type="checkbox"/> | 50.000    | 45.298     | 12950.85    | 0.3083    | P   | 0.7 |
| 3 | <input type="checkbox"/> | 500.000   | 499.063    | 53030.15    | 1.2492    | P   | 2.3 |
| 4 | <input type="checkbox"/> | 5000.000  | 5426.210   | 454429.50   | 11.4656   | P   | 4.3 |
| 5 | <input type="checkbox"/> | 12500.000 | 13246.978  | 1099104.65  | 27.6819   | A   | 1.9 |
| 6 | <input type="checkbox"/> | 25000.000 | 25568.031  | 2087860.66  | 53.2296   | A   | 1.3 |
| 7 | <input type="checkbox"/> | 50000.000 | 49383.205  | 3988744.49  | 102.6102  | A   | 0.4 |
| 8 | <input type="checkbox"/> | 100000.00 | 100247.34  | 7754752.43  | 208.0768  | A   | 2.4 |
| 9 | <input type="checkbox"/> | 500000.00 | 499960.87  | 39077199.49 | 1,036.881 | A   | 0.6 |

$$y = 0.0021 * x + 0.2143$$

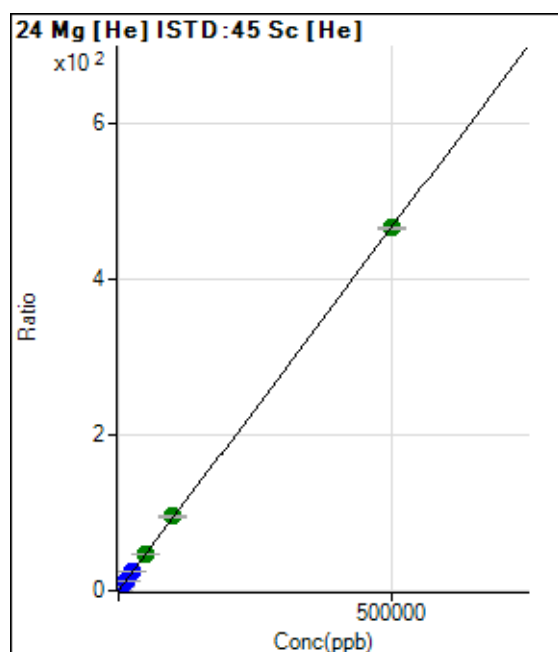
$$R = 1.0000$$

$$DL = 2.04$$

$$BEC = 103.4$$

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      | 305.57      | 0.0075   | P   | 4.4 |
| 2 | <input type="checkbox"/> | 50.000    | 48.992     | 2236.40     | 0.0532   | P   | 9.5 |
| 3 | <input type="checkbox"/> | 500.000   | 498.002    | 20045.47    | 0.4723   | P   | 4.4 |
| 4 | <input type="checkbox"/> | 5000.000  | 5525.348   | 204678.09   | 5.1651   | P   | 4.9 |
| 5 | <input type="checkbox"/> | 12500.000 | 13181.159  | 488717.11   | 12.3115  | P   | 3.1 |
| 6 | <input type="checkbox"/> | 25000.000 | 25633.664  | 938860.43   | 23.9353  | P   | 0.8 |
| 7 | <input type="checkbox"/> | 50000.000 | 51213.746  | 1858605.25  | 47.8132  | A   | 0.5 |
| 8 | <input type="checkbox"/> | 100000.00 | 102385.20  | 3562428.12  | 95.5795  | A   | 1.8 |
| 9 | <input type="checkbox"/> | 500000.00 | 499347.62  | 17567289.28 | 466.1263 | A   | 0.3 |

$$y = 9.3346\text{E-}004 * x + 0.0075$$

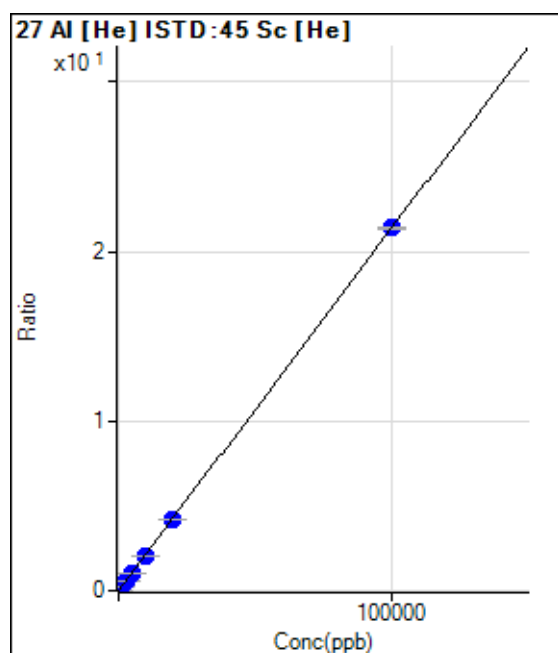
$$R = 1.0000$$

$$DL = 1.056$$

$$BEC = 7.991$$

Weight: <None>

Min Conc: 0



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS       | Ratio   | Det | RSD  |
|---|--------------------------|-----------|------------|-----------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 16.67     | 0.0004  | P   | 49.5 |
| 2 | <input type="checkbox"/> | 2.000     | 2.442      | 39.18     | 0.0009  | P   | 22.1 |
| 3 | <input type="checkbox"/> | 20.000    | 19.956     | 198.39    | 0.0047  | P   | 4.2  |
| 4 | <input type="checkbox"/> | 1000.000  | 1057.959   | 8971.81   | 0.2265  | P   | 5.7  |
| 5 | <input type="checkbox"/> | 2500.000  | 2509.575   | 21295.50  | 0.5366  | P   | 4.4  |
| 6 | <input type="checkbox"/> | 5000.000  | 4914.937   | 41208.89  | 1.0505  | P   | 0.9  |
| 7 | <input type="checkbox"/> | 10000.000 | 9649.739   | 80159.18  | 2.0622  | P   | 1.0  |
| 8 | <input type="checkbox"/> | 20000.000 | 19583.336  | 155963.43 | 4.1845  | P   | 1.9  |
| 9 | <input type="checkbox"/> | 100000.00 | 100121.79  | 806212.33 | 21.3922 | P   | 0.7  |

$$y = 2.1366\text{E-}004 * x + 4.1055\text{E-}004$$

$$R = 1.0000$$

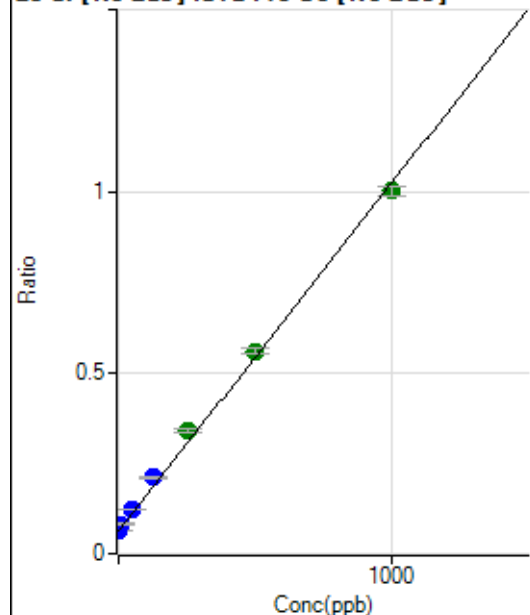
$$DL = 2.853$$

$$BEC = 1.922$$

Weight: <None>

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 290993.27  | 0.0624 | P    | 1.4 |
| 2 | <input type="checkbox"/> | 1.000    | 2.375      | 301790.46  | 0.0646 | P    | 0.8 |
| 3 | <input type="checkbox"/> | 10.000   | 20.633     | 379540.02  | 0.0822 | P    | 3.9 |
| 4 | <input type="checkbox"/> | 50.000   | 62.859     | 576237.75  | 0.1227 | P    | 0.6 |
| 5 | <input type="checkbox"/> | 125.000  | 153.514    | 970196.01  | 0.2098 | P    | 0.8 |
| 6 | <input type="checkbox"/> | 250.000  | 288.545    | 1496033.44 | 0.3395 | A    | 4.4 |
| 7 | <input type="checkbox"/> | 500.000  | 516.477    | 2564467.64 | 0.5584 | A    | 2.8 |
| 8 | <input type="checkbox"/> | 1000.000 | 977.810    | 4516155.57 | 1.0015 | A    | 2.7 |
| 9 | <input type="checkbox"/> |          |            | 466738.92  | 0.1065 | P    | 2.3 |

$$y = 9.6044\text{E-}004 * x + 0.0624$$

$$R = 0.9988$$

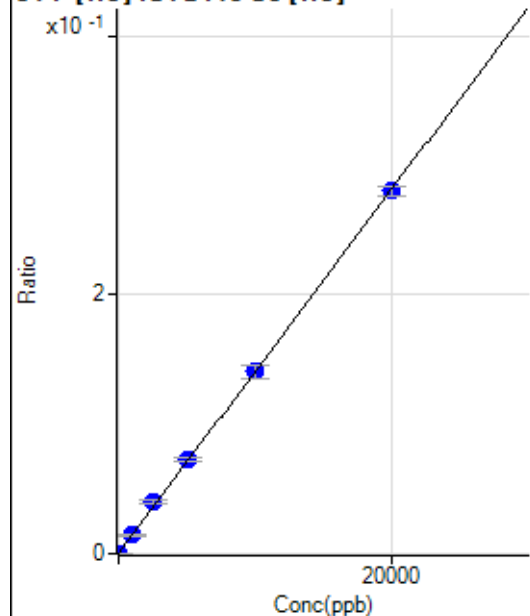
$$DL = 2.63$$

$$BEC = 64.93$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS      | Ratio  | Det. | RSD  |
|---|--------------------------|-----------|------------|----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 1.873      | 8.33     | 0.0002 | P    | 173. |
| 2 | <input type="checkbox"/> | 0.000     | -7.998     | 2.78     | 0.0001 | P    | 173. |
| 3 | <input type="checkbox"/> | 0.000     | 6.126      | 11.11    | 0.0003 | P    | 114. |
| 4 | <input type="checkbox"/> | 1000.000  | 992.204    | 561.15   | 0.0141 | P    | 12.1 |
| 5 | <input type="checkbox"/> | 2500.000  | 2839.052   | 1591.83  | 0.0401 | P    | 6.2  |
| 6 | <input type="checkbox"/> | 5000.000  | 5173.493   | 2861.53  | 0.0729 | P    | 5.4  |
| 7 | <input type="checkbox"/> | 10000.000 | 9985.204   | 5465.18  | 0.1406 | P    | 6.7  |
| 8 | <input type="checkbox"/> | 20000.000 | 19922.033  | 10448.77 | 0.2804 | P    | 2.3  |
| 9 | <input type="checkbox"/> |           |            | 13.89    | 0.0004 | P    | 125. |

$$y = 1.4064\text{E-}005 * x + 1.7795\text{E-}004$$

$$R = 0.9998$$

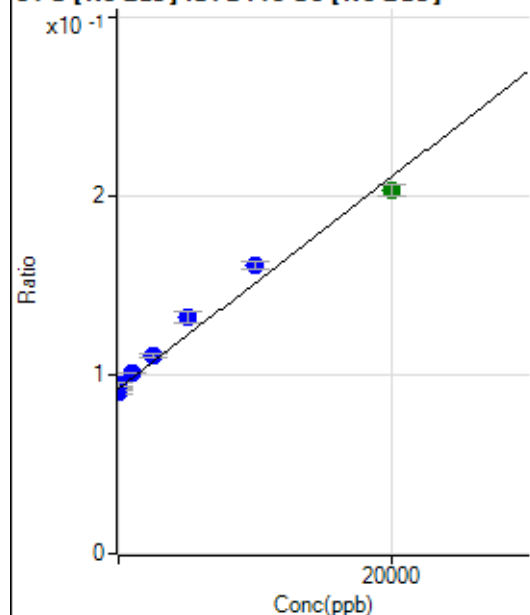
$$DL = 54.73$$

$$BEC = 12.65$$

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     | -376.440   | 419551.41 | 0.0899 | P    | 2.3 |
| 2 | <input type="checkbox"/> | 0.000     | -34.467    | 429241.48 | 0.0919 | P    | 0.7 |
| 3 | <input type="checkbox"/> | 0.000     | 410.907    | 436881.39 | 0.0946 | P    | 3.1 |
| 4 | <input type="checkbox"/> | 1000.000  | 1444.016   | 472723.35 | 0.1007 | P    | 0.3 |
| 5 | <input type="checkbox"/> | 2500.000  | 3101.639   | 510902.93 | 0.1105 | P    | 1.2 |
| 6 | <input type="checkbox"/> | 5000.000  | 6729.632   | 581328.64 | 0.1319 | P    | 4.6 |
| 7 | <input type="checkbox"/> | 10000.000 | 11603.271  | 738190.00 | 0.1607 | P    | 2.8 |
| 8 | <input type="checkbox"/> | 20000.000 | 18668.551  | 913098.12 | 0.2025 | A    | 3.2 |
| 9 | <input type="checkbox"/> |           |            | 377824.96 | 0.0862 | P    | 0.6 |

$$y = 5.9113\text{E-}006 * x + 0.0922$$

$$R = 0.9901$$

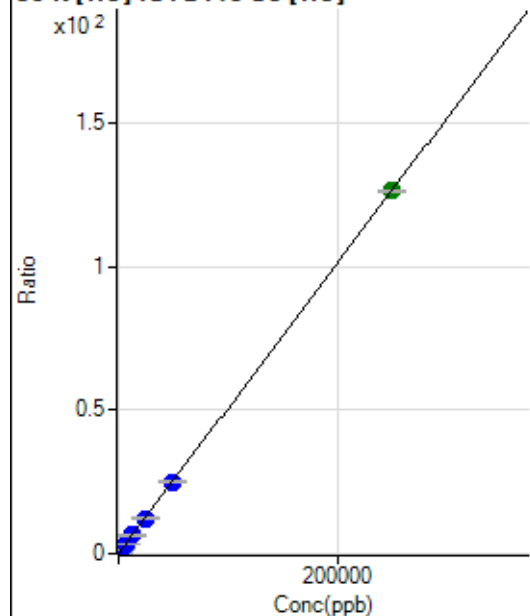
$$DL = 952.2$$

$$BEC = 1.559\text{E}+04$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS        | Ratio    | Det. | RSD |
|---|--------------------------|-----------|------------|------------|----------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 3442.23    | 0.0841   | P    | 5.0 |
| 2 | <input type="checkbox"/> | 50.000    | 44.290     | 4475.90    | 0.1065   | P    | 5.6 |
| 3 | <input type="checkbox"/> | 500.000   | 501.981    | 14338.44   | 0.3379   | P    | 4.7 |
| 4 | <input type="checkbox"/> | 2500.000  | 2689.982   | 57208.54   | 1.4438   | P    | 5.2 |
| 5 | <input type="checkbox"/> | 6250.000  | 6444.848   | 132658.26  | 3.3416   | P    | 2.7 |
| 6 | <input type="checkbox"/> | 12500.000 | 12453.302  | 250185.82  | 6.3785   | P    | 1.5 |
| 7 | <input type="checkbox"/> | 25000.000 | 24371.662  | 482104.82  | 12.4025  | P    | 1.1 |
| 8 | <input type="checkbox"/> | 50000.000 | 49567.888  | 936937.33  | 25.1376  | P    | 1.7 |
| 9 | <input type="checkbox"/> | 250000.00 | 250144.81  | 4767994.38 | 126.5168 | A    | 0.8 |

$$y = 5.0544\text{E-}004 * x + 0.0841$$

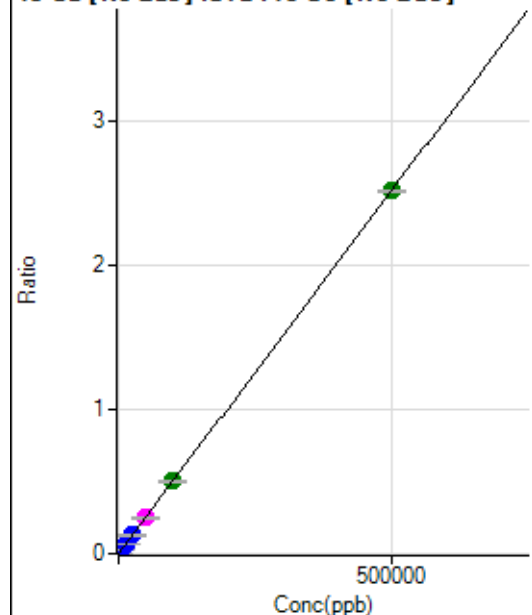
$$R = 1.0000$$

$$DL = 24.89$$

$$BEC = 166.5$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 558.37      | 0.0001 | P    | 3.9  |
| 2 | <input type="checkbox"/> | 50.000    | 52.804     | 1800.21     | 0.0004 | P    | 12.1 |
| 3 | <input type="checkbox"/> | 500.000   | 481.515    | 11747.08    | 0.0025 | P    | 7.1  |
| 4 | <input type="checkbox"/> | 5000.000  | 4930.416   | 117174.79   | 0.0250 | P    | 1.5  |
| 5 | <input type="checkbox"/> | 12500.000 | 12464.764  | 290929.85   | 0.0629 | P    | 1.4  |
| 6 | <input type="checkbox"/> | 25000.000 | 25705.739  | 571158.98   | 0.1296 | P    | 4.6  |
| 7 | <input type="checkbox"/> | 50000.000 | 49472.671  | 1145060.34  | 0.2494 | M    | 3.3  |
| 8 | <input type="checkbox"/> | 100000.00 | 100387.78  | 2280977.68  | 0.5059 | A    | 3.0  |
| 9 | <input type="checkbox"/> | 500000.00 | 499941.48  | 11040836.27 | 2.5187 | A    | 0.6  |

$$y = 5.0378\text{E-}006 * x + 1.1966\text{E-}004$$

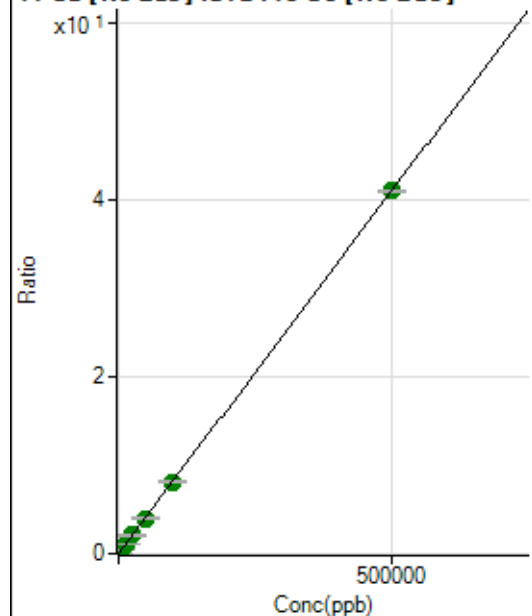
$$R = 1.0000$$

$$DL = 2.767$$

$$BEC = 23.75$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS         | Ratio   | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 17325.31    | 0.0037  | P    | 1.2 |
| 2 | <input type="checkbox"/> | 50.000    | 50.645     | 36724.09    | 0.0079  | P    | 2.0 |
| 3 | <input type="checkbox"/> | 500.000   | 480.649    | 199182.75   | 0.0431  | P    | 4.9 |
| 4 | <input type="checkbox"/> | 5000.000  | 5040.325   | 1958561.30  | 0.4172  | A    | 0.3 |
| 5 | <input type="checkbox"/> | 12500.000 | 12451.696  | 4740500.02  | 1.0251  | A    | 0.2 |
| 6 | <input type="checkbox"/> | 25000.000 | 25735.269  | 9317988.58  | 2.1147  | A    | 4.7 |
| 7 | <input type="checkbox"/> | 50000.000 | 49002.210  | 18476009.79 | 4.0233  | A    | 3.1 |
| 8 | <input type="checkbox"/> | 100000.00 | 98908.939  | 36600129.29 | 8.1170  | A    | 3.2 |
| 9 | <input type="checkbox"/> | 500000.00 | 500282.05  | 179903392.9 | 41.0410 | A    | 0.2 |

$$y = 8.2028\text{E-}005 * x + 0.0037$$

$$R = 1.0000$$

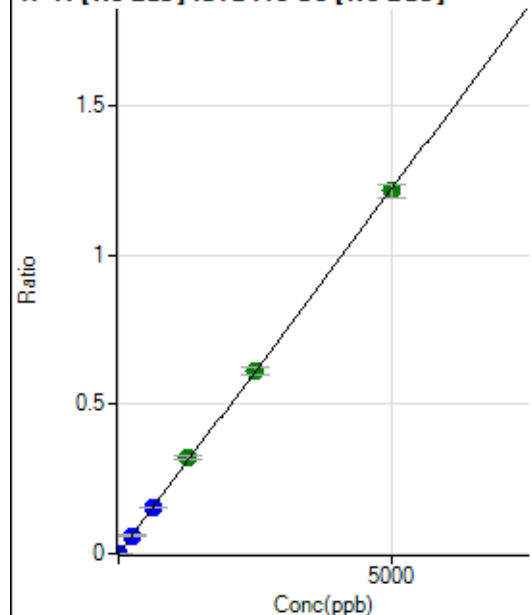
$$DL = 1.583$$

$$BEC = 45.25$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 125.01     | 0.0000 | P    | 28.0 |
| 2 | <input type="checkbox"/> | 0.500    | 0.536      | 736.16     | 0.0002 | P    | 2.5  |
| 3 | <input type="checkbox"/> | 5.000    | 4.985      | 5751.45    | 0.0012 | P    | 3.2  |
| 4 | <input type="checkbox"/> | 250.000  | 250.246    | 287281.03  | 0.0612 | P    | 0.7  |
| 5 | <input type="checkbox"/> | 625.000  | 634.124    | 716826.80  | 0.1550 | P    | 0.8  |
| 6 | <input type="checkbox"/> | 1250.000 | 1321.544   | 1423044.62 | 0.3230 | A    | 5.3  |
| 7 | <input type="checkbox"/> | 2500.000 | 2508.201   | 2815181.33 | 0.6131 | A    | 3.4  |
| 8 | <input type="checkbox"/> | 5000.000 | 4976.861   | 5484196.78 | 1.2164 | A    | 3.9  |
| 9 | <input type="checkbox"/> |          |            | 1208.43    | 0.0003 | P    | 5.6  |

$$y = 2.4441\text{E-}004 * x + 2.6718\text{E-}005$$

$$R = 0.9999$$

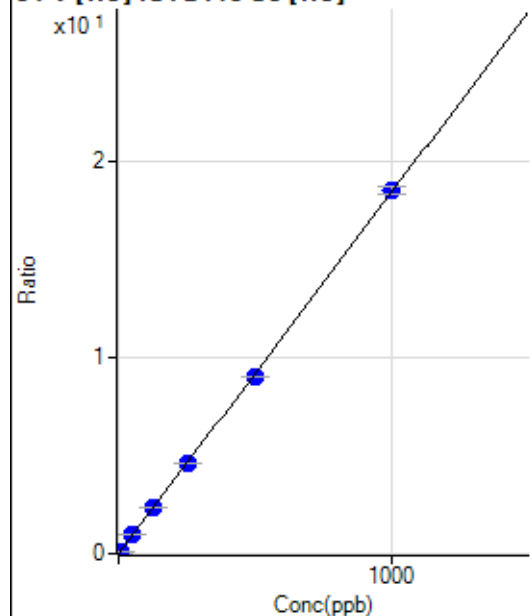
$$DL = 0.09179$$

$$BEC = 0.1093$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS       | Ratio   | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 3.33      | 0.0001  | P    | 173. |
| 2 | <input type="checkbox"/> | 0.500    | 0.462      | 362.23    | 0.0086  | P    | 5.8  |
| 3 | <input type="checkbox"/> | 5.000    | 4.819      | 3779.46   | 0.0890  | P    | 3.3  |
| 4 | <input type="checkbox"/> | 50.000   | 52.561     | 38472.87  | 0.9703  | P    | 2.8  |
| 5 | <input type="checkbox"/> | 125.000  | 127.252    | 93255.38  | 2.3491  | P    | 2.8  |
| 6 | <input type="checkbox"/> | 250.000  | 248.344    | 179825.42 | 4.5844  | P    | 0.4  |
| 7 | <input type="checkbox"/> | 500.000  | 491.327    | 352566.44 | 9.0698  | P    | 0.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 1004.342   | 690999.34 | 18.5399 | P    | 1.9  |
| 9 | <input type="checkbox"/> |          |            | 395.57    | 0.0105  | P    | 6.0  |

$$y = 0.0185 * x + 8.1714\text{E-}005$$

$$R = 0.9999$$

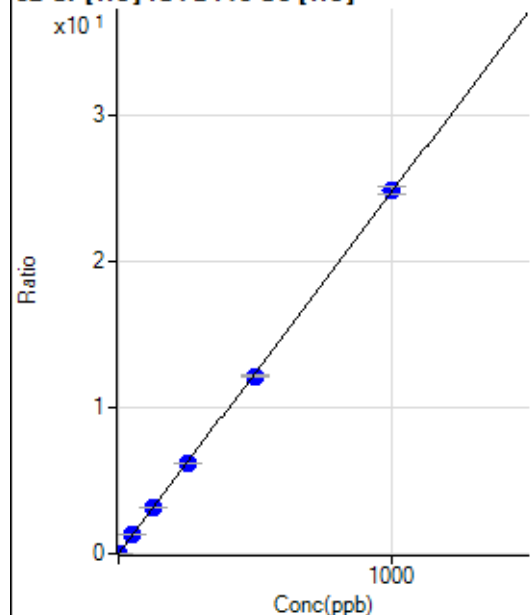
$$DL = 0.023$$

$$BEC = 0.004427$$

Weight: &lt;None&gt;

Min Conc: 0



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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS       | Ratio   | Det | RSD |
|---|--------------------------|----------|------------|-----------|---------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 443.35    | 0.0108  | P   | 5.9 |
| 2 | <input type="checkbox"/> | 0.200    | 0.191      | 653.36    | 0.0155  | P   | 1.4 |
| 3 | <input type="checkbox"/> | 2.000    | 2.026      | 2585.84   | 0.0609  | P   | 4.6 |
| 4 | <input type="checkbox"/> | 50.000   | 53.444     | 52799.26  | 1.3322  | P   | 4.4 |
| 5 | <input type="checkbox"/> | 125.000  | 127.862    | 125920.78 | 3.1722  | P   | 3.1 |
| 6 | <input type="checkbox"/> | 250.000  | 249.284    | 242183.39 | 6.1743  | P   | 0.7 |
| 7 | <input type="checkbox"/> | 500.000  | 491.068    | 472382.01 | 12.1523 | P   | 0.7 |
| 8 | <input type="checkbox"/> | 1000.000 | 1004.115   | 925670.67 | 24.8371 | P   | 2.2 |
| 9 | <input type="checkbox"/> |          |            | 42653.86  | 1.1318  | P   | 1.3 |

$$y = 0.0247 * x + 0.0108$$

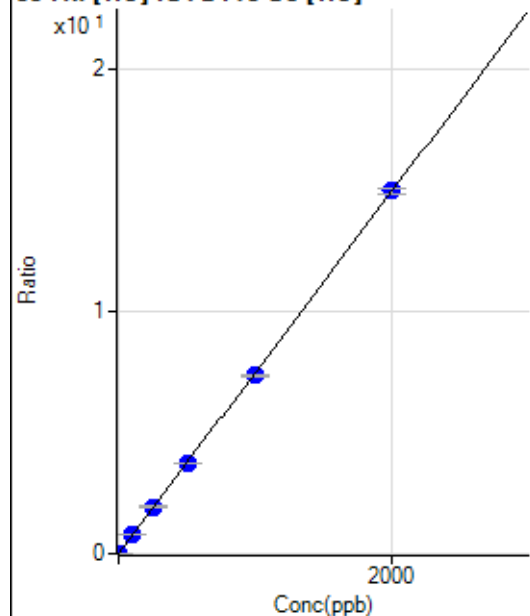
$$R = 0.9999$$

$$DL = 0.07717$$

$$BEC = 0.4384$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS       | Ratio   | Det | RSD  |
|---|--------------------------|----------|------------|-----------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 50.00     | 0.0012  | P   | 50.0 |
| 2 | <input type="checkbox"/> | 0.100    | 0.103      | 83.34     | 0.0020  | P   | 21.7 |
| 3 | <input type="checkbox"/> | 1.000    | 1.103      | 401.13    | 0.0094  | P   | 8.9  |
| 4 | <input type="checkbox"/> | 100.000  | 107.120    | 31742.90  | 0.8008  | P   | 4.1  |
| 5 | <input type="checkbox"/> | 250.000  | 257.817    | 76451.23  | 1.9258  | P   | 2.7  |
| 6 | <input type="checkbox"/> | 500.000  | 500.095    | 146481.40 | 3.7343  | P   | 0.2  |
| 7 | <input type="checkbox"/> | 1000.000 | 987.055    | 286461.66 | 7.3694  | P   | 0.9  |
| 8 | <input type="checkbox"/> | 2000.000 | 2005.116   | 557926.27 | 14.9690 | P   | 1.7  |
| 9 | <input type="checkbox"/> |          |            | 3327.13   | 0.0883  | P   | 3.1  |

$$y = 0.0075 * x + 0.0012$$

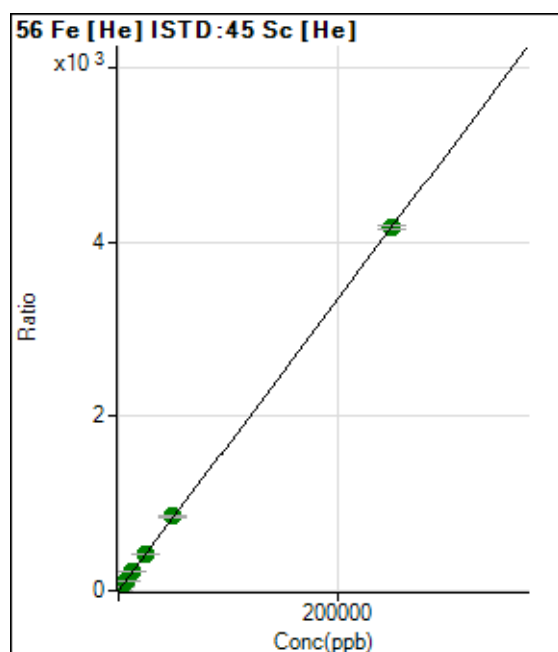
$$R = 1.0000$$

$$DL = 0.2431$$

$$BEC = 0.162$$

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      | 1379.74     | 0.0336    | P    | 9.9 |
| 2 | <input type="checkbox"/> | 5.000     | 5.316      | 5139.97     | 0.1223    | P    | 0.5 |
| 3 | <input type="checkbox"/> | 50.000    | 50.590     | 37261.38    | 0.8778    | P    | 2.4 |
| 4 | <input type="checkbox"/> | 2500.000  | 2745.260   | 1817201.47  | 45.8403   | A    | 3.5 |
| 5 | <input type="checkbox"/> | 6250.000  | 6617.070   | 4384468.09  | 110.4444  | A    | 2.8 |
| 6 | <input type="checkbox"/> | 12500.000 | 12803.507  | 8381069.92  | 213.6697  | A    | 1.0 |
| 7 | <input type="checkbox"/> | 25000.000 | 25229.011  | 16364949.33 | 420.9985  | A    | 0.9 |
| 8 | <input type="checkbox"/> | 50000.000 | 51218.374  | 31853395.39 | 854.6504  | A    | 2.0 |
| 9 | <input type="checkbox"/> | 250000.00 | 249706.61  | 157020557.2 | 4,166.575 | A    | 1.2 |

$$y = 0.0167 * x + 0.0336$$

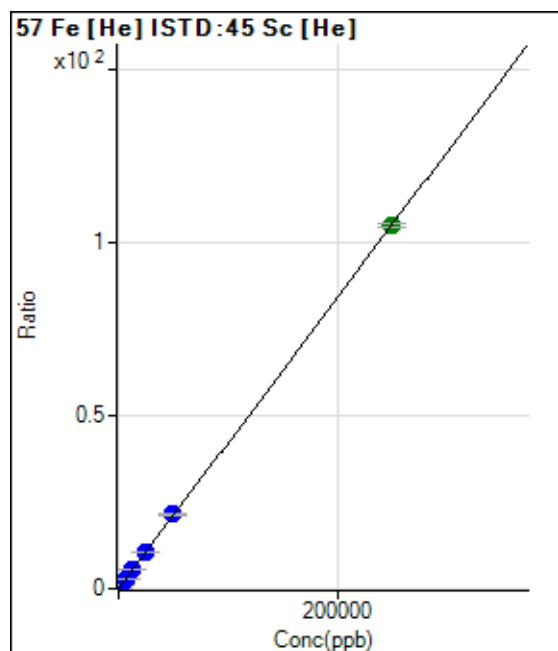
$$R = 1.0000$$

$$DL = 0.5964$$

$$BEC = 2.016$$

Weight: <None>

Min Conc: 0



|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS        | Ratio    | Det. | RSD  |
|---|--------------------------|-----------|------------|------------|----------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 44.45      | 0.0011   | P    | 27.7 |
| 2 | <input type="checkbox"/> | 5.000     | 6.528      | 161.12     | 0.0038   | P    | 12.4 |
| 3 | <input type="checkbox"/> | 50.000    | 52.171     | 977.84     | 0.0230   | P    | 5.3  |
| 4 | <input type="checkbox"/> | 2500.000  | 2655.374   | 44296.70   | 1.1172   | P    | 2.8  |
| 5 | <input type="checkbox"/> | 6250.000  | 6506.897   | 108616.02  | 2.7361   | P    | 3.0  |
| 6 | <input type="checkbox"/> | 12500.000 | 12652.347  | 208645.77  | 5.3193   | P    | 0.8  |
| 7 | <input type="checkbox"/> | 25000.000 | 25097.252  | 410111.28  | 10.5502  | P    | 0.7  |
| 8 | <input type="checkbox"/> | 50000.000 | 51173.082  | 801700.13  | 21.5107  | P    | 2.2  |
| 9 | <input type="checkbox"/> | 250000.00 | 249740.06  | 3956110.16 | 104.9744 | A    | 1.0  |

$$y = 4.2033E-004 * x + 0.0011$$

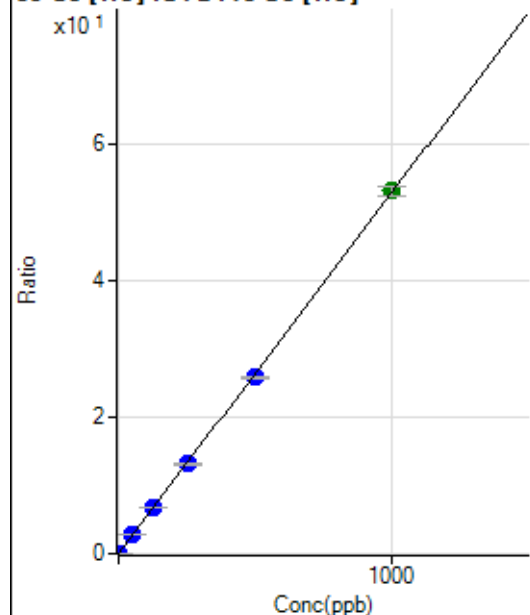
$$R = 1.0000$$

$$DL = 2.157$$

$$BEC = 2.596$$

Weight: <None>

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio   | Det | RSD  |
|---|--------------------------|----------|------------|------------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 72.22      | 0.0018  | P   | 22.4 |
| 2 | <input type="checkbox"/> | 0.100    | 0.095      | 285.56     | 0.0068  | P   | 8.2  |
| 3 | <input type="checkbox"/> | 1.000    | 0.955      | 2221.33    | 0.0523  | P   | 1.1  |
| 4 | <input type="checkbox"/> | 50.000   | 52.835     | 110852.16  | 2.7964  | P   | 3.6  |
| 5 | <input type="checkbox"/> | 125.000  | 127.673    | 268173.60  | 6.7550  | P   | 2.6  |
| 6 | <input type="checkbox"/> | 250.000  | 248.054    | 514728.30  | 13.1226 | P   | 0.8  |
| 7 | <input type="checkbox"/> | 500.000  | 489.198    | 1005917.75 | 25.8778 | P   | 1.0  |
| 8 | <input type="checkbox"/> | 1000.000 | 1005.412   | 1982060.53 | 53.1829 | A   | 2.4  |
| 9 | <input type="checkbox"/> |          |            | 24575.20   | 0.6522  | P   | 3.1  |

$$y = 0.0529 * x + 0.0018$$

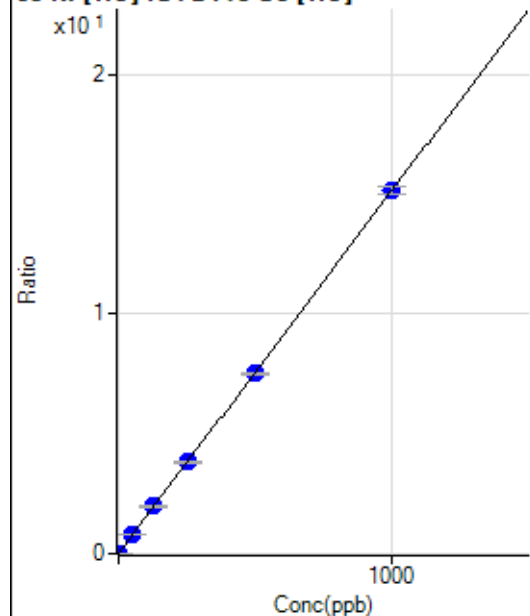
$$R = 0.9999$$

$$DL = 0.02244$$

$$BEC = 0.03345$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS       | Ratio   | Det | RSD  |
|---|--------------------------|----------|------------|-----------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 342.23    | 0.0084  | P   | 11.3 |
| 2 | <input type="checkbox"/> | 0.100    | 0.114      | 424.46    | 0.0101  | P   | 11.4 |
| 3 | <input type="checkbox"/> | 1.000    | 1.085      | 1052.28   | 0.0248  | P   | 8.5  |
| 4 | <input type="checkbox"/> | 50.000   | 54.276     | 32900.16  | 0.8299  | P   | 3.1  |
| 5 | <input type="checkbox"/> | 125.000  | 129.524    | 78152.05  | 1.9688  | P   | 3.1  |
| 6 | <input type="checkbox"/> | 250.000  | 252.348    | 150142.05 | 3.8278  | P   | 0.9  |
| 7 | <input type="checkbox"/> | 500.000  | 496.394    | 292375.27 | 7.5215  | P   | 0.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 1000.437   | 564643.56 | 15.1504 | P   | 2.3  |
| 9 | <input type="checkbox"/> |          |            | 20503.05  | 0.5440  | P   | 1.2  |

$$y = 0.0151 * x + 0.0084$$

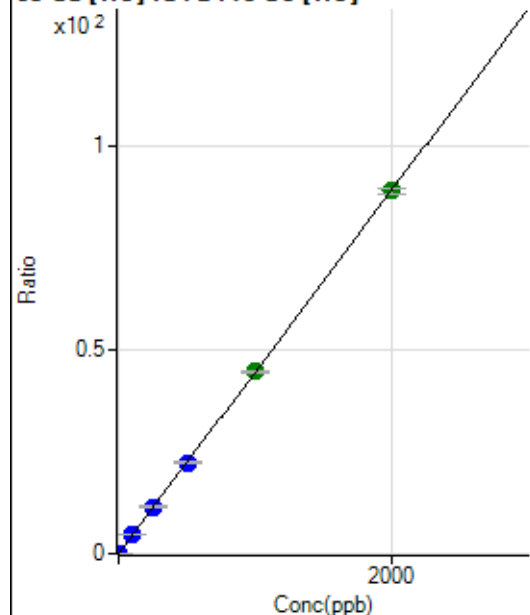
$$R = 1.0000$$

$$DL = 0.1883$$

$$BEC = 0.5533$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio   | Det. | RSD |
|---|--------------------------|----------|------------|------------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 482.24     | 0.0118  | P    | 7.7 |
| 2 | <input type="checkbox"/> | 0.200    | 0.187      | 846.71     | 0.0201  | P    | 8.5 |
| 3 | <input type="checkbox"/> | 2.000    | 1.968      | 4219.60    | 0.0994  | P    | 3.0 |
| 4 | <input type="checkbox"/> | 100.000  | 106.058    | 187665.07  | 4.7343  | P    | 3.8 |
| 5 | <input type="checkbox"/> | 250.000  | 256.748    | 454275.61  | 11.4442 | P    | 3.2 |
| 6 | <input type="checkbox"/> | 500.000  | 502.459    | 878055.14  | 22.3852 | P    | 0.6 |
| 7 | <input type="checkbox"/> | 1000.000 | 1000.695   | 1732571.71 | 44.5705 | A    | 0.3 |
| 8 | <input type="checkbox"/> | 2000.000 | 1997.891   | 3316295.05 | 88.9734 | A    | 1.6 |
| 9 | <input type="checkbox"/> |          |            | 7400.98    | 0.1964  | P    | 2.8 |

$$y = 0.0445 * x + 0.0118$$

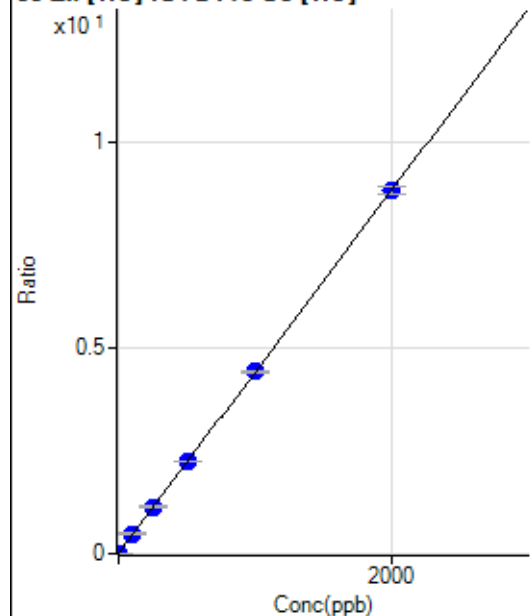
$$R = 1.0000$$

$$DL = 0.06151$$

$$BEC = 0.2649$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 257.79    | 0.0063 | P    | 10.1 |
| 2 | <input type="checkbox"/> | 0.200    | 0.096      | 282.23    | 0.0067 | P    | 6.8  |
| 3 | <input type="checkbox"/> | 2.000    | 1.906      | 624.47    | 0.0147 | P    | 9.8  |
| 4 | <input type="checkbox"/> | 100.000  | 107.996    | 19098.94  | 0.4818 | P    | 3.9  |
| 5 | <input type="checkbox"/> | 250.000  | 257.381    | 45242.54  | 1.1396 | P    | 2.6  |
| 6 | <input type="checkbox"/> | 500.000  | 503.453    | 87203.99  | 2.2231 | P    | 0.2  |
| 7 | <input type="checkbox"/> | 1000.000 | 1000.724   | 171533.26 | 4.4127 | P    | 0.3  |
| 8 | <input type="checkbox"/> | 2000.000 | 1997.452   | 328035.40 | 8.8015 | P    | 2.1  |
| 9 | <input type="checkbox"/> |          |            | 2141.32   | 0.0568 | P    | 1.0  |

$$y = 0.0044 * x + 0.0063$$

$$R = 1.0000$$

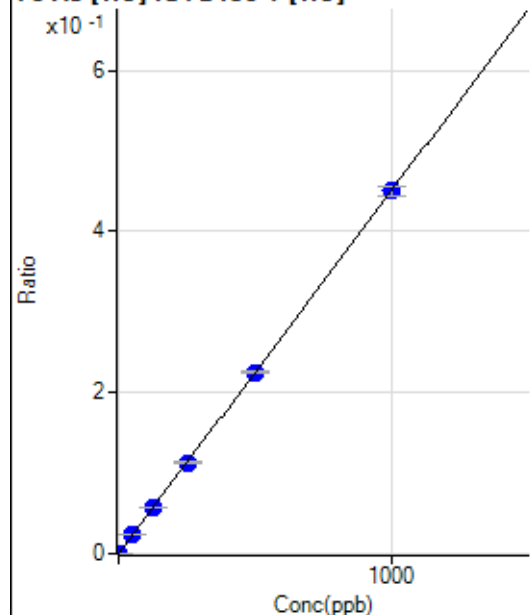
$$DL = 0.4346$$

$$BEC = 1.43$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 3.70      | 0.0000 | P    | 2.4  |
| 2 | <input type="checkbox"/> | 0.100    | 0.143      | 22.22     | 0.0001 | P    | 31.7 |
| 3 | <input type="checkbox"/> | 1.000    | 1.009      | 133.33    | 0.0005 | P    | 9.5  |
| 4 | <input type="checkbox"/> | 50.000   | 53.182     | 6489.86   | 0.0240 | P    | 6.1  |
| 5 | <input type="checkbox"/> | 125.000  | 127.514    | 15827.04  | 0.0575 | P    | 2.2  |
| 6 | <input type="checkbox"/> | 250.000  | 251.189    | 30437.81  | 0.1132 | P    | 0.4  |
| 7 | <input type="checkbox"/> | 500.000  | 499.402    | 59754.42  | 0.2251 | P    | 1.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.528    | 116073.65 | 0.4505 | P    | 2.7  |
| 9 | <input type="checkbox"/> |          |            | 194.45    | 0.0007 | P    | 10.3 |

$$y = 4.5068\text{E-}004 * x + 1.3352\text{E-}005$$

$$R = 1.0000$$

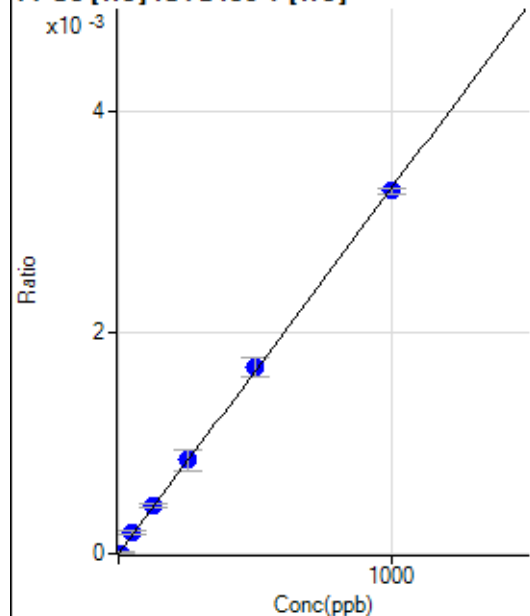
$$DL = 0.002173$$

$$BEC = 0.02963$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS    | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|--------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 0.00   | 0.0000 | P    |      |
| 2 | <input type="checkbox"/> | 0.500    | 1.167      | 1.11   | 0.0000 | P    | 173. |
| 3 | <input type="checkbox"/> | 5.000    | 2.353      | 2.22   | 0.0000 | P    | 86.6 |
| 4 | <input type="checkbox"/> | 50.000   | 59.332     | 53.33  | 0.0002 | P    | 19.3 |
| 5 | <input type="checkbox"/> | 125.000  | 133.300    | 121.12 | 0.0004 | P    | 8.1  |
| 6 | <input type="checkbox"/> | 250.000  | 256.341    | 227.78 | 0.0008 | P    | 23.8 |
| 7 | <input type="checkbox"/> | 500.000  | 508.151    | 445.57 | 0.0017 | P    | 10.4 |
| 8 | <input type="checkbox"/> | 1000.000 | 992.848    | 845.60 | 0.0033 | P    | 1.9  |
| 9 | <input type="checkbox"/> |          |            | 0.00   | 0.0000 | P    |      |

$$y = 3.3031\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9999$$

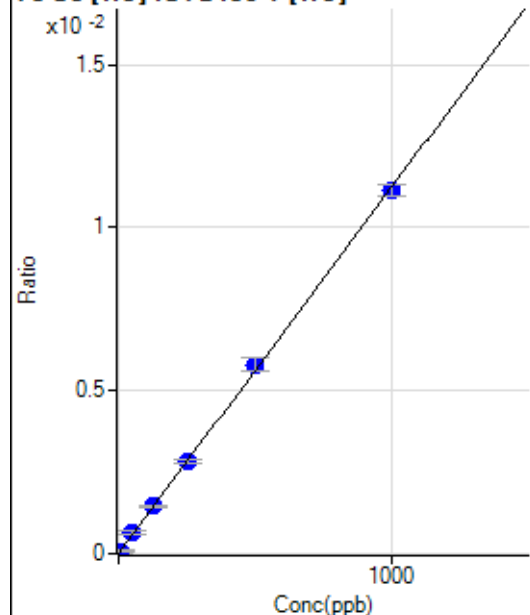
$$DL = 0$$

$$BEC = 0$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS     | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|---------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1.85    | 0.0000 | P   | 98.5 |
| 2 | <input type="checkbox"/> | 0.500    | 1.158      | 5.56    | 0.0000 | P   | 58.3 |
| 3 | <input type="checkbox"/> | 5.000    | 5.965      | 20.99   | 0.0001 | P   | 44.0 |
| 4 | <input type="checkbox"/> | 50.000   | 58.307     | 179.02  | 0.0007 | P   | 13.5 |
| 5 | <input type="checkbox"/> | 125.000  | 128.616    | 399.39  | 0.0015 | P   | 3.0  |
| 6 | <input type="checkbox"/> | 250.000  | 253.618    | 767.31  | 0.0029 | P   | 3.8  |
| 7 | <input type="checkbox"/> | 500.000  | 515.797    | 1538.99 | 0.0058 | P   | 7.0  |
| 8 | <input type="checkbox"/> | 1000.000 | 990.324    | 2866.38 | 0.0111 | P   | 3.2  |
| 9 | <input type="checkbox"/> |          |            | 3.70    | 0.0000 | P   | 50.4 |

$$y = 1.1228\text{E-}005 * x + 6.6614\text{E-}006$$

$$R = 0.9998$$

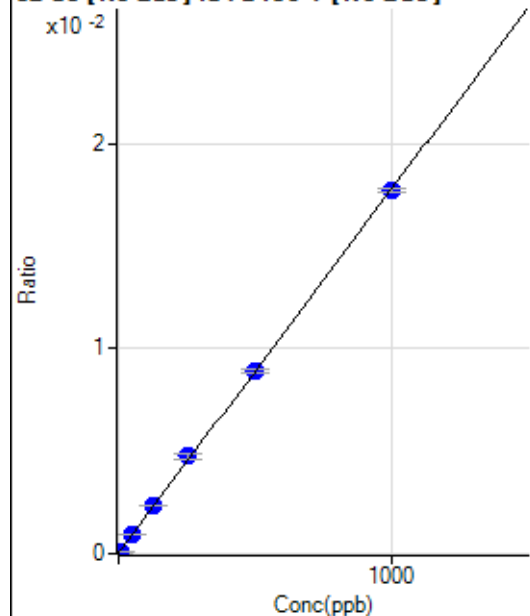
$$DL = 1.754$$

$$BEC = 0.5933$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 213.79    | 0.0000 | P   | 11.6 |
| 2 | <input type="checkbox"/> | 0.500    | 0.625      | 295.74    | 0.0000 | P   | 10.3 |
| 3 | <input type="checkbox"/> | 5.000    | 5.145      | 862.84    | 0.0001 | P   | 5.4  |
| 4 | <input type="checkbox"/> | 50.000   | 51.189     | 6798.45   | 0.0009 | P   | 1.8  |
| 5 | <input type="checkbox"/> | 125.000  | 128.742    | 16718.83  | 0.0023 | P   | 0.6  |
| 6 | <input type="checkbox"/> | 250.000  | 265.182    | 33006.87  | 0.0047 | P   | 5.0  |
| 7 | <input type="checkbox"/> | 500.000  | 500.599    | 64926.37  | 0.0089 | P   | 2.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 995.377    | 127603.40 | 0.0177 | P   | 1.1  |
| 9 | <input type="checkbox"/> |          |            | 356.27    | 0.0001 | P   | 7.0  |

$$y = 1.7742\text{E-}005 * x + 3.0338\text{E-}005$$

$$R = 0.9999$$

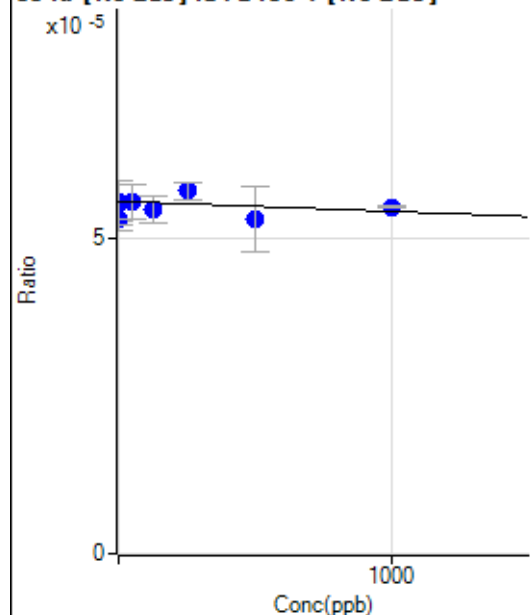
$$DL = 0.5937$$

$$BEC = 1.71$$

Weight: &lt;None&gt;

Min Conc: 0

83 Kr [No Gas] ISTD:89 Y [No Gas]



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS    | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|--------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 395.57 | 0.0001 | P    | 11.6 |
| 2 | <input type="checkbox"/> | 0.100    | 1755.279   | 380.01 | 0.0001 | P    | 7.0  |
| 3 | <input type="checkbox"/> | 1.000    | 203.897    | 394.46 | 0.0001 | P    | 12.7 |
| 4 | <input type="checkbox"/> | 50.000   | 101.501    | 404.46 | 0.0001 | P    | 9.6  |
| 5 | <input type="checkbox"/> | 125.000  | 881.877    | 394.46 | 0.0001 | P    | 7.8  |
| 6 | <input type="checkbox"/> | 250.000  | -1016.221  | 402.23 | 0.0001 | P    | 5.1  |
| 7 | <input type="checkbox"/> | 500.000  | 1836.430   | 386.68 | 0.0001 | P    | 19.6 |
| 8 | <input type="checkbox"/> | 1000.000 | 550.777    | 397.79 | 0.0001 | P    | 0.9  |
| 9 | <input type="checkbox"/> |          |            | 378.90 | 0.0001 | P    | 13.9 |

$$y = -1.6137\text{E-}009 * x + 5.6036\text{E-}005$$

$$R = -0.1251$$

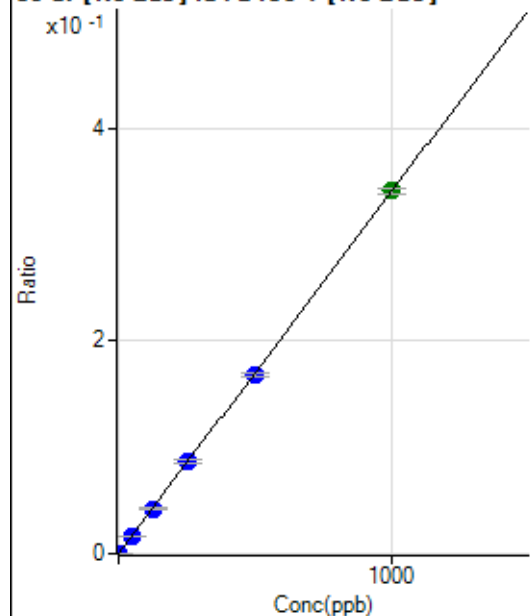
$$DL = -1.204\text{E+}04$$

$$BEC = -3.473\text{E+}04$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 683.38     | 0.0001 | P    | 12.3 |
| 2 | <input type="checkbox"/> | 0.100    | 0.051      | 816.73     | 0.0001 | P    | 7.6  |
| 3 | <input type="checkbox"/> | 1.000    | 0.913      | 2892.12    | 0.0004 | P    | 6.7  |
| 4 | <input type="checkbox"/> | 50.000   | 49.590     | 122879.61  | 0.0170 | P    | 1.5  |
| 5 | <input type="checkbox"/> | 125.000  | 124.089    | 305605.14  | 0.0423 | P    | 1.1  |
| 6 | <input type="checkbox"/> | 250.000  | 256.673    | 609416.99  | 0.0874 | P    | 4.2  |
| 7 | <input type="checkbox"/> | 500.000  | 493.279    | 1223252.12 | 0.1679 | P    | 1.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 1001.827   | 2458805.16 | 0.3409 | A    | 1.6  |
| 9 | <input type="checkbox"/> |          |            | 10718.57   | 0.0015 | P    | 2.5  |

$$y = 3.4017\text{E-}004 * x + 9.6876\text{E-}005$$

$$R = 0.9999$$

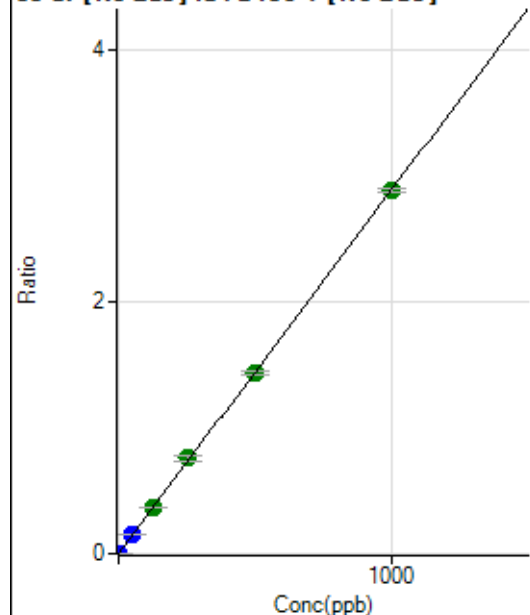
$$DL = 0.1049$$

$$BEC = 0.2848$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 147.23      | 0.0000 | P        | 10.6 |
| 2 | <input type="checkbox"/> | 0.100    | 0.106      | 2339.20     | 0.0003 | P        | 0.9  |
| 3 | <input type="checkbox"/> | 1.000    | 1.025      | 21108.78    | 0.0030 | P        | 6.6  |
| 4 | <input type="checkbox"/> | 50.000   | 50.857     | 1063131.77  | 0.1468 | P        | 1.0  |
| 5 | <input type="checkbox"/> | 125.000  | 128.380    | 2676354.23  | 0.3705 | A        | 0.9  |
| 6 | <input type="checkbox"/> | 250.000  | 261.797    | 5267472.25  | 0.7555 | A        | 4.3  |
| 7 | <input type="checkbox"/> | 500.000  | 497.959    | 10470711.95 | 1.4371 | A        | 1.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 997.606    | 20766531.54 | 2.8790 | A        | 1.1  |
| 9 | <input type="checkbox"/> |          |            | 91892.79    | 0.0133 | P        | 0.9  |

$$y = 0.0029 * x + 2.0857E-005$$

$$R = 0.9999$$

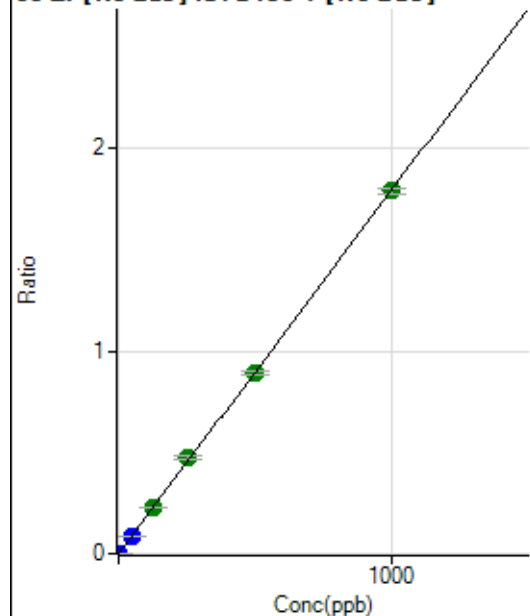
$$DL = 0.002289$$

$$BEC = 0.007227$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 650.05      | 0.0001 | P        | 4.5  |
| 2 | <input type="checkbox"/> | 0.100    | 0.083      | 1722.42     | 0.0002 | P        | 15.9 |
| 3 | <input type="checkbox"/> | 1.000    | 0.942      | 12625.86    | 0.0018 | P        | 5.9  |
| 4 | <input type="checkbox"/> | 50.000   | 49.404     | 641848.82   | 0.0886 | P        | 0.9  |
| 5 | <input type="checkbox"/> | 125.000  | 127.096    | 1645850.87  | 0.2278 | A        | 0.7  |
| 6 | <input type="checkbox"/> | 250.000  | 263.109    | 3287611.86  | 0.4716 | A        | 4.4  |
| 7 | <input type="checkbox"/> | 500.000  | 496.472    | 6482817.64  | 0.8897 | A        | 1.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 998.254    | 12903310.18 | 1.7889 | A        | 1.4  |
| 9 | <input type="checkbox"/> |          |            | 3475.62     | 0.0005 | P        | 1.8  |

$$y = 0.0018 * x + 9.2159E-005$$

$$R = 0.9999$$

$$DL = 0.006925$$

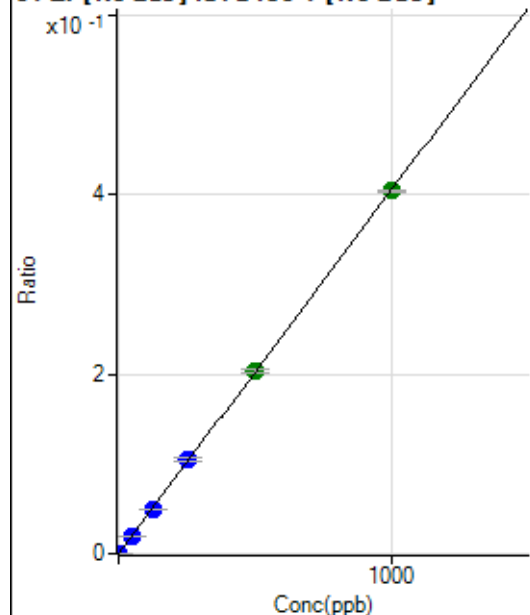
$$BEC = 0.05143$$

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      | 119.45     | 0.0000 | P    | 32.3 |
| 2 | <input type="checkbox"/> | 0.100    | 0.095      | 394.47     | 0.0001 | P    | 4.1  |
| 3 | <input type="checkbox"/> | 1.000    | 0.876      | 2636.49    | 0.0004 | P    | 1.2  |
| 4 | <input type="checkbox"/> | 50.000   | 48.683     | 142840.64  | 0.0197 | P    | 1.0  |
| 5 | <input type="checkbox"/> | 125.000  | 122.648    | 358705.91  | 0.0497 | P    | 1.5  |
| 6 | <input type="checkbox"/> | 250.000  | 257.167    | 725790.45  | 0.1041 | P    | 4.6  |
| 7 | <input type="checkbox"/> | 500.000  | 502.292    | 1481421.34 | 0.2033 | A    | 2.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 997.423    | 2912347.87 | 0.4037 | A    | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 805.62     | 0.0001 | P    | 16.9 |

$$y = 4.0477\text{E-}004 * x + 1.6906\text{E-}005$$

$$R = 1.0000$$

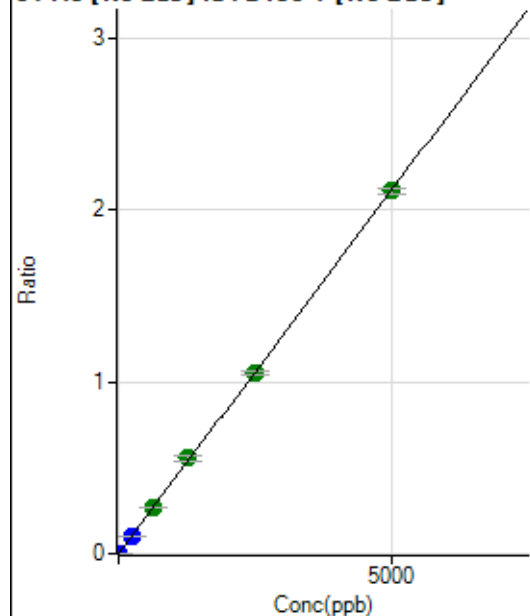
$$DL = 0.04041$$

$$BEC = 0.04177$$

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      | 283.35      | 0.0000 | P    | 17.1 |
| 2 | <input type="checkbox"/> | 0.500    | 0.441      | 1619.62     | 0.0002 | P    | 4.5  |
| 3 | <input type="checkbox"/> | 5.000    | 4.835      | 14805.87    | 0.0021 | P    | 3.3  |
| 4 | <input type="checkbox"/> | 250.000  | 248.493    | 762279.92   | 0.1052 | P    | 0.9  |
| 5 | <input type="checkbox"/> | 625.000  | 638.414    | 1952767.90  | 0.2703 | A    | 0.9  |
| 6 | <input type="checkbox"/> | 1250.000 | 1309.811   | 3866264.32  | 0.5546 | A    | 4.6  |
| 7 | <input type="checkbox"/> | 2500.000 | 2483.653   | 7661156.16  | 1.0516 | A    | 2.3  |
| 8 | <input type="checkbox"/> | 5000.000 | 4991.620   | 15243788.71 | 2.1134 | A    | 1.5  |
| 9 | <input type="checkbox"/> |          |            | 17937.57    | 0.0026 | P    | 4.4  |

$$y = 4.2338\text{E-}004 * x + 4.0117\text{E-}005$$

$$R = 0.9999$$

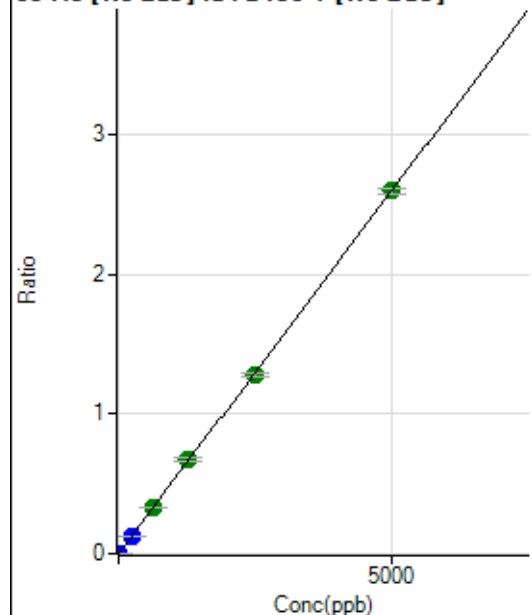
$$DL = 0.04865$$

$$BEC = 0.09475$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 144.45      | 0.0000 | P    | 20.5 |
| 2 | <input type="checkbox"/> | 0.500    | 0.495      | 1983.57     | 0.0003 | P    | 2.6  |
| 3 | <input type="checkbox"/> | 5.000    | 5.096      | 18939.01    | 0.0027 | P    | 3.3  |
| 4 | <input type="checkbox"/> | 250.000  | 248.795    | 936987.04   | 0.1294 | P    | 0.6  |
| 5 | <input type="checkbox"/> | 625.000  | 632.746    | 2376360.42  | 0.3290 | A    | 0.9  |
| 6 | <input type="checkbox"/> | 1250.000 | 1301.422   | 4717810.69  | 0.6766 | A    | 4.0  |
| 7 | <input type="checkbox"/> | 2500.000 | 2468.449   | 9349940.14  | 1.2834 | A    | 2.1  |
| 8 | <input type="checkbox"/> | 5000.000 | 5002.012   | 18757041.22 | 2.6005 | A    | 1.9  |
| 9 | <input type="checkbox"/> |          |            | 28528.18    | 0.0041 | P    | 0.4  |

$$y = 5.1989\text{E-}004 * x + 2.0483\text{E-}005$$

$$R = 0.9999$$

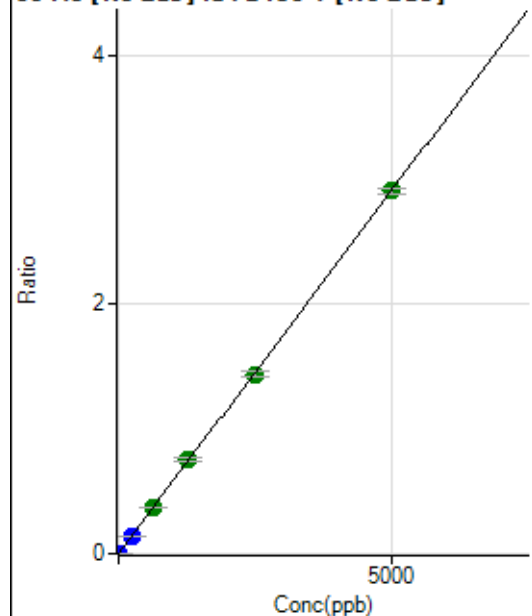
$$DL = 0.02423$$

$$BEC = 0.0394$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 250.01      | 0.0000 | P    | 11.2 |
| 2 | <input type="checkbox"/> | 0.500    | 0.473      | 2219.72     | 0.0003 | P    | 1.2  |
| 3 | <input type="checkbox"/> | 5.000    | 4.915      | 20555.23    | 0.0029 | P    | 5.3  |
| 4 | <input type="checkbox"/> | 250.000  | 245.724    | 1037112.26  | 0.1432 | P    | 1.0  |
| 5 | <input type="checkbox"/> | 625.000  | 634.779    | 2671461.78  | 0.3699 | A    | 2.2  |
| 6 | <input type="checkbox"/> | 1250.000 | 1303.586   | 5295578.16  | 0.7595 | A    | 4.1  |
| 7 | <input type="checkbox"/> | 2500.000 | 2476.022   | 10509218.81 | 1.4426 | A    | 2.7  |
| 8 | <input type="checkbox"/> | 5000.000 | 4997.584   | 21001729.12 | 2.9116 | A    | 1.3  |
| 9 | <input type="checkbox"/> |          |            | 32381.39    | 0.0047 | P    | 3.9  |

$$y = 5.8260\text{E-}004 * x + 3.5425\text{E-}005$$

$$R = 0.9999$$

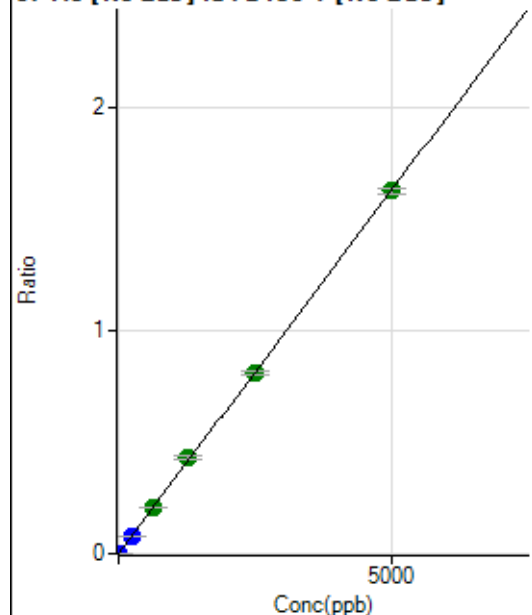
$$DL = 0.02047$$

$$BEC = 0.0608$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 200.01      | 0.0000 | P    | 12.1 |
| 2 | <input type="checkbox"/> | 0.500    | 0.483      | 1327.91     | 0.0002 | P    | 11.9 |
| 3 | <input type="checkbox"/> | 5.000    | 4.968      | 11683.31    | 0.0016 | P    | 3.7  |
| 4 | <input type="checkbox"/> | 250.000  | 244.205    | 576525.46   | 0.0796 | P    | 1.3  |
| 5 | <input type="checkbox"/> | 625.000  | 628.868    | 1480280.64  | 0.2049 | A    | 2.1  |
| 6 | <input type="checkbox"/> | 1250.000 | 1318.575   | 2995005.99  | 0.4297 | A    | 5.2  |
| 7 | <input type="checkbox"/> | 2500.000 | 2482.444   | 5893306.94  | 0.8089 | A    | 2.4  |
| 8 | <input type="checkbox"/> | 5000.000 | 4991.440   | 11731916.41 | 1.6265 | A    | 1.3  |
| 9 | <input type="checkbox"/> |          |            | 18310.32    | 0.0026 | P    | 3.6  |

$$y = 3.2585E-004 * x + 2.8384E-005$$

$$R = 0.9999$$

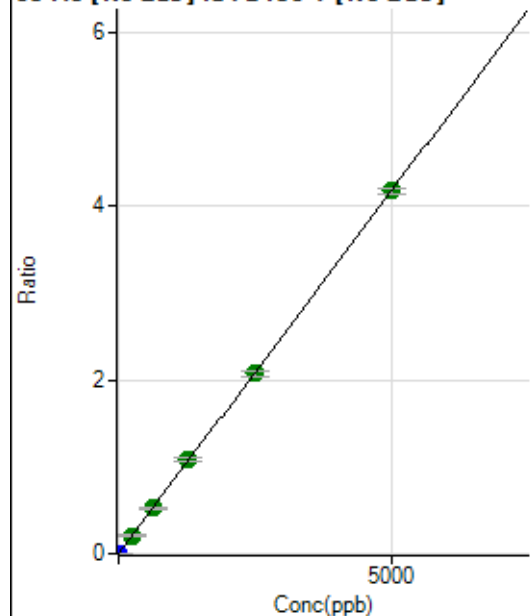
$$DL = 0.03168$$

$$BEC = 0.08711$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 272.24      | 0.0000 | P    | 22.2 |
| 2 | <input type="checkbox"/> | 0.500    | 0.501      | 3258.87     | 0.0005 | P    | 6.5  |
| 3 | <input type="checkbox"/> | 5.000    | 4.868      | 29096.20    | 0.0041 | P    | 4.3  |
| 4 | <input type="checkbox"/> | 250.000  | 250.042    | 1512118.16  | 0.2088 | A    | 2.1  |
| 5 | <input type="checkbox"/> | 625.000  | 623.599    | 3760755.47  | 0.5207 | A    | 2.0  |
| 6 | <input type="checkbox"/> | 1250.000 | 1296.447   | 7545853.29  | 1.0824 | A    | 4.6  |
| 7 | <input type="checkbox"/> | 2500.000 | 2478.568   | 15075481.76 | 2.0694 | A    | 2.6  |
| 8 | <input type="checkbox"/> | 5000.000 | 4999.277   | 30106199.29 | 4.1738 | A    | 1.5  |
| 9 | <input type="checkbox"/> |          |            | 45338.03    | 0.0065 | P    | 2.4  |

$$y = 8.3488E-004 * x + 3.8533E-005$$

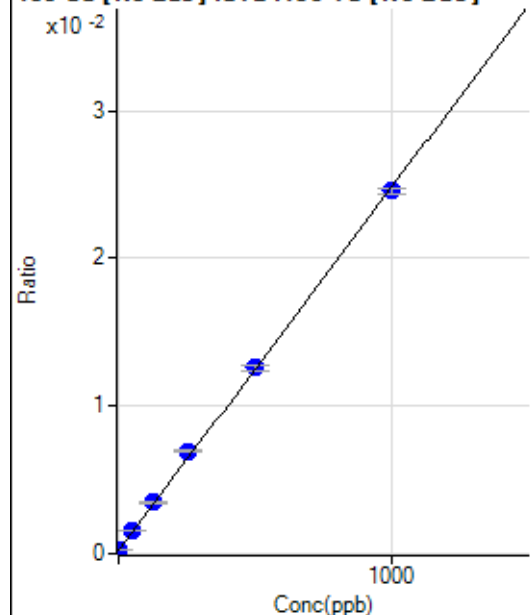
$$R = 0.9999$$

$$DL = 0.03071$$

$$BEC = 0.04615$$

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<br>. | RSD |
|---|--------------------------|----------|------------|-----------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1641.84   | 0.0002 | P        | 1.7 |
| 2 | <input type="checkbox"/> | 0.100    | 0.269      | 1697.41   | 0.0002 | P        | 6.7 |
| 3 | <input type="checkbox"/> | 1.000    | 1.360      | 1900.23   | 0.0002 | P        | 4.9 |
| 4 | <input type="checkbox"/> | 50.000   | 54.308     | 12428.55  | 0.0015 | P        | 1.7 |
| 5 | <input type="checkbox"/> | 125.000  | 132.055    | 28394.75  | 0.0035 | P        | 0.7 |
| 6 | <input type="checkbox"/> | 250.000  | 273.938    | 55705.13  | 0.0069 | P        | 2.6 |
| 7 | <input type="checkbox"/> | 500.000  | 504.815    | 107557.81 | 0.0126 | P        | 3.0 |
| 8 | <input type="checkbox"/> | 1000.000 | 990.510    | 209232.42 | 0.0246 | P        | 1.7 |
| 9 | <input type="checkbox"/> |          |            | 1697.41   | 0.0002 | P        | 4.6 |

$$y = 2.4589E-005 * x + 2.0689E-004$$

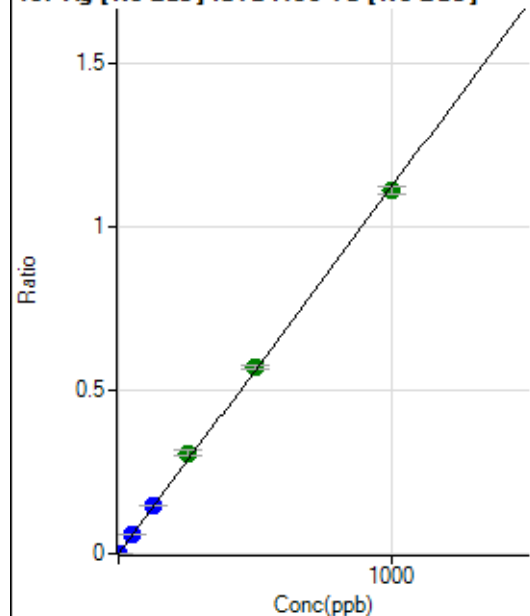
$$R = 0.9997$$

$$DL = 0.4238$$

$$BEC = 8.414$$

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<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 69.45      | 0.0000 | P        | 18.5 |
| 2 | <input type="checkbox"/> | 0.100    | 0.104      | 1000.09    | 0.0001 | P        | 8.2  |
| 3 | <input type="checkbox"/> | 1.000    | 1.062      | 9487.06    | 0.0012 | P        | 2.7  |
| 4 | <input type="checkbox"/> | 50.000   | 53.223     | 480795.06  | 0.0597 | P        | 1.2  |
| 5 | <input type="checkbox"/> | 125.000  | 129.865    | 1196755.13 | 0.1456 | P        | 0.3  |
| 6 | <input type="checkbox"/> | 250.000  | 274.959    | 2471160.21 | 0.3082 | A        | 5.0  |
| 7 | <input type="checkbox"/> | 500.000  | 508.092    | 4855056.06 | 0.5696 | A        | 1.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 988.945    | 9443041.01 | 1.1086 | A        | 2.0  |
| 9 | <input type="checkbox"/> |          |            | 1072.32    | 0.0001 | P        | 6.8  |

$$y = 0.0011 * x + 8.7520E-006$$

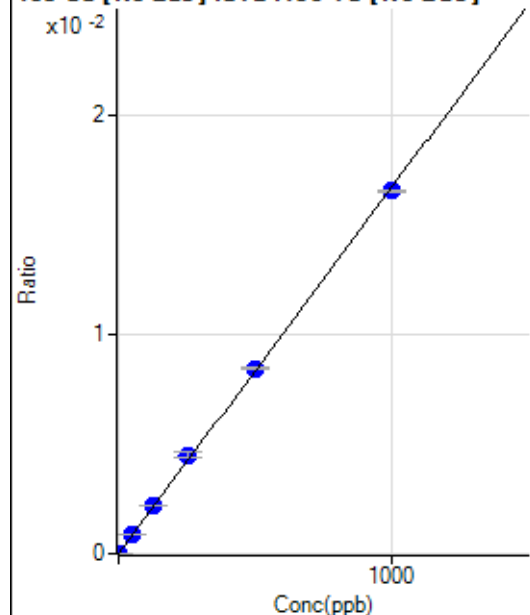
$$R = 0.9996$$

$$DL = 0.004325$$

$$BEC = 0.007808$$

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<br>. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 18.05     | 0.0000 | P        | 26.2 |
| 2 | <input type="checkbox"/> | 0.100    | 0.063      | 26.39     | 0.0000 | P        | 25.2 |
| 3 | <input type="checkbox"/> | 1.000    | 1.134      | 168.06    | 0.0000 | P        | 9.0  |
| 4 | <input type="checkbox"/> | 50.000   | 54.291     | 7317.40   | 0.0009 | P        | 1.9  |
| 5 | <input type="checkbox"/> | 125.000  | 130.911    | 17974.80  | 0.0022 | P        | 2.3  |
| 6 | <input type="checkbox"/> | 250.000  | 270.412    | 36190.37  | 0.0045 | P        | 5.4  |
| 7 | <input type="checkbox"/> | 500.000  | 505.353    | 71897.55  | 0.0084 | P        | 1.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 991.267    | 140922.88 | 0.0165 | P        | 0.6  |
| 9 | <input type="checkbox"/> |          |            | 47.22     | 0.0000 | P        | 31.2 |

$$y = 1.6686\text{E-}005 * x + 2.2726\text{E-}006$$

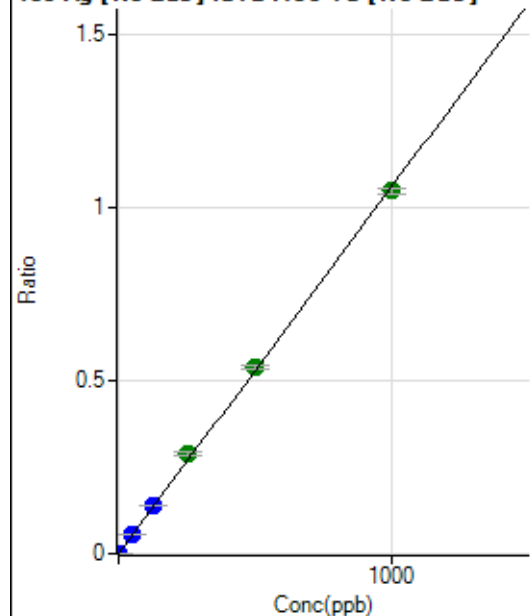
$$R = 0.9997$$

$$DL = 0.107$$

$$BEC = 0.1362$$

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<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 63.89      | 0.0000 | P        | 46.5 |
| 2 | <input type="checkbox"/> | 0.100    | 0.101      | 913.96     | 0.0001 | P        | 8.9  |
| 3 | <input type="checkbox"/> | 1.000    | 1.048      | 8856.12    | 0.0011 | P        | 1.4  |
| 4 | <input type="checkbox"/> | 50.000   | 53.161     | 454336.09  | 0.0564 | P        | 0.6  |
| 5 | <input type="checkbox"/> | 125.000  | 130.812    | 1140448.64 | 0.1387 | P        | 0.3  |
| 6 | <input type="checkbox"/> | 250.000  | 273.901    | 2329148.84 | 0.2905 | A        | 4.6  |
| 7 | <input type="checkbox"/> | 500.000  | 507.646    | 4588707.57 | 0.5383 | A        | 1.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 989.317    | 8936652.80 | 1.0491 | A        | 1.9  |
| 9 | <input type="checkbox"/> |          |            | 1072.32    | 0.0001 | P        | 13.4 |

$$y = 0.0011 * x + 8.0732\text{E-}006$$

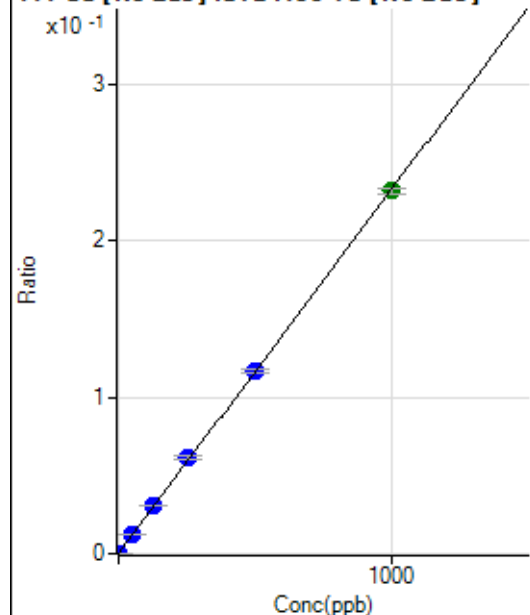
$$R = 0.9996$$

$$DL = 0.01061$$

$$BEC = 0.007613$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1144.99    | 0.0001 | P    | 2.0 |
| 2 | <input type="checkbox"/> | 0.100    | 0.126      | 1380.84    | 0.0002 | P    | 8.1 |
| 3 | <input type="checkbox"/> | 1.000    | 1.089      | 3144.65    | 0.0004 | P    | 6.7 |
| 4 | <input type="checkbox"/> | 50.000   | 52.371     | 99417.34   | 0.0123 | P    | 0.9 |
| 5 | <input type="checkbox"/> | 125.000  | 129.219    | 248508.63  | 0.0302 | P    | 0.5 |
| 6 | <input type="checkbox"/> | 250.000  | 264.957    | 495821.65  | 0.0618 | P    | 4.5 |
| 7 | <input type="checkbox"/> | 500.000  | 499.198    | 991874.85  | 0.1164 | P    | 2.2 |
| 8 | <input type="checkbox"/> | 1000.000 | 996.016    | 1976635.51 | 0.2320 | A    | 1.5 |
| 9 | <input type="checkbox"/> |          |            | 1462.09    | 0.0002 | P    | 6.2 |

$$y = 2.3283\text{E-}004 * x + 1.4428\text{E-}004$$

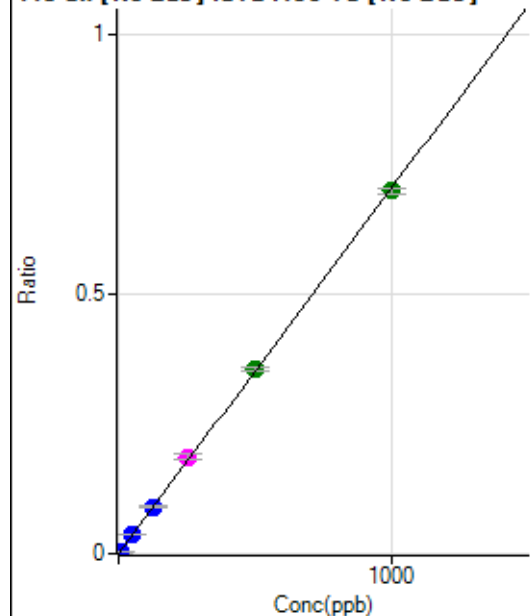
$$R = 0.9999$$

$$DL = 0.03625$$

$$BEC = 0.6197$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 905.63     | 0.0001 | P    | 7.9 |
| 2 | <input type="checkbox"/> | 0.500    | 0.519      | 3811.84    | 0.0005 | P    | 3.9 |
| 3 | <input type="checkbox"/> | 5.000    | 5.189      | 29795.24   | 0.0038 | P    | 2.9 |
| 4 | <input type="checkbox"/> | 50.000   | 51.825     | 294927.57  | 0.0366 | P    | 0.8 |
| 5 | <input type="checkbox"/> | 125.000  | 128.548    | 744924.01  | 0.0906 | P    | 0.9 |
| 6 | <input type="checkbox"/> | 250.000  | 265.446    | 1499395.49 | 0.1870 | M    | 4.7 |
| 7 | <input type="checkbox"/> | 500.000  | 505.708    | 3035624.81 | 0.3561 | A    | 2.2 |
| 8 | <input type="checkbox"/> | 1000.000 | 992.749    | 5954759.07 | 0.6990 | A    | 1.3 |
| 9 | <input type="checkbox"/> |          |            | 7977.92    | 0.0010 | P    | 2.9 |

$$y = 7.0403\text{E-}004 * x + 1.1408\text{E-}004$$

$$R = 0.9998$$

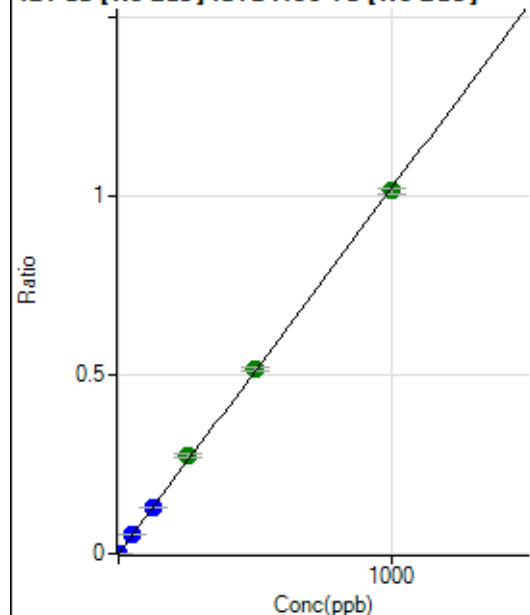
$$DL = 0.03859$$

$$BEC = 0.162$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 208.35     | 0.0000 | P    | 48.1 |
| 2 | <input type="checkbox"/> | 0.200    | 0.209      | 1905.77    | 0.0002 | P    | 5.2  |
| 3 | <input type="checkbox"/> | 2.000    | 2.058      | 16822.42   | 0.0021 | P    | 2.1  |
| 4 | <input type="checkbox"/> | 50.000   | 51.495     | 423705.72  | 0.0526 | P    | 1.2  |
| 5 | <input type="checkbox"/> | 125.000  | 128.073    | 1074772.08 | 0.1307 | P    | 0.5  |
| 6 | <input type="checkbox"/> | 250.000  | 268.338    | 2196577.22 | 0.2739 | A    | 4.1  |
| 7 | <input type="checkbox"/> | 500.000  | 504.268    | 4387279.57 | 0.5147 | A    | 1.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 992.822    | 8631802.97 | 1.0133 | A    | 1.6  |
| 9 | <input type="checkbox"/> |          |            | 22873.11   | 0.0028 | P    | 2.2  |

$$y = 0.0010 * x + 2.6174E-005$$

$$R = 0.9998$$

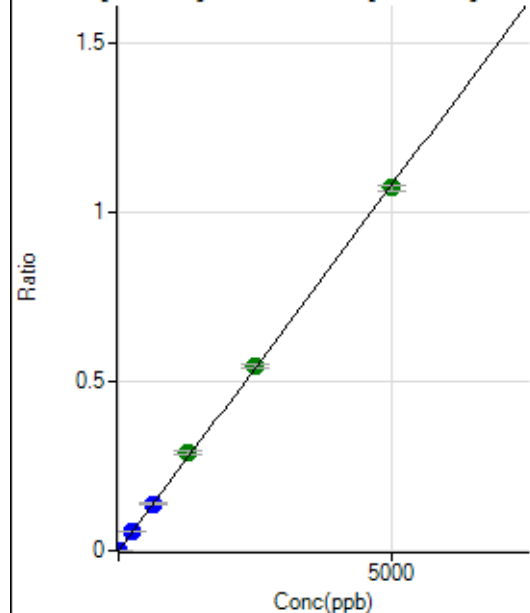
$$DL = 0.03702$$

$$BEC = 0.02564$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 25.00      | 0.0000 | P    | 32.4 |
| 2 | <input type="checkbox"/> | 1.000    | 1.007      | 1752.98    | 0.0002 | P    | 4.4  |
| 3 | <input type="checkbox"/> | 10.000   | 10.326     | 17629.15   | 0.0022 | P    | 3.0  |
| 4 | <input type="checkbox"/> | 250.000  | 258.541    | 449067.07  | 0.0557 | P    | 0.4  |
| 5 | <input type="checkbox"/> | 625.000  | 642.296    | 1138098.14 | 0.1384 | P    | 0.7  |
| 6 | <input type="checkbox"/> | 1250.000 | 1343.310   | 2321339.74 | 0.2895 | A    | 5.1  |
| 7 | <input type="checkbox"/> | 2500.000 | 2519.298   | 4628217.64 | 0.5430 | A    | 2.4  |
| 8 | <input type="checkbox"/> | 5000.000 | 4964.434   | 9114819.12 | 1.0700 | A    | 1.8  |
| 9 | <input type="checkbox"/> |          |            | 2867.12    | 0.0004 | P    | 3.1  |

$$y = 2.1554E-004 * x + 3.1442E-006$$

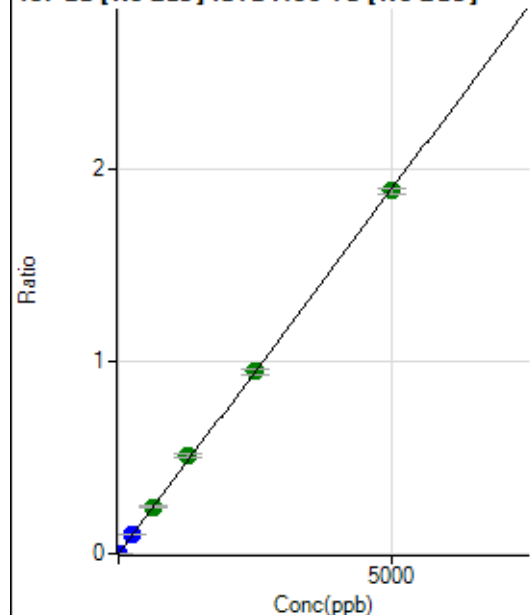
$$R = 0.9998$$

$$DL = 0.0142$$

$$BEC = 0.01459$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 86.11       | 0.0000 | P        | 73.0 |
| 2 | <input type="checkbox"/> | 1.000    | 1.008      | 3133.86     | 0.0004 | P        | 7.4  |
| 3 | <input type="checkbox"/> | 10.000   | 10.053     | 30266.08    | 0.0038 | P        | 3.4  |
| 4 | <input type="checkbox"/> | 250.000  | 256.214    | 783781.49   | 0.0973 | P        | 0.8  |
| 5 | <input type="checkbox"/> | 625.000  | 646.309    | 2016907.57  | 0.2453 | A        | 1.1  |
| 6 | <input type="checkbox"/> | 1250.000 | 1337.212   | 4070987.33  | 0.5076 | A        | 4.0  |
| 7 | <input type="checkbox"/> | 2500.000 | 2494.668   | 8071312.42  | 0.9470 | A        | 2.3  |
| 8 | <input type="checkbox"/> | 5000.000 | 4977.888   | 16096518.24 | 1.8896 | A        | 1.5  |
| 9 | <input type="checkbox"/> |          |            | 4475.97     | 0.0006 | P        | 2.7  |

$$y = 3.7959\text{E-}004 * x + 1.0869\text{E-}005$$

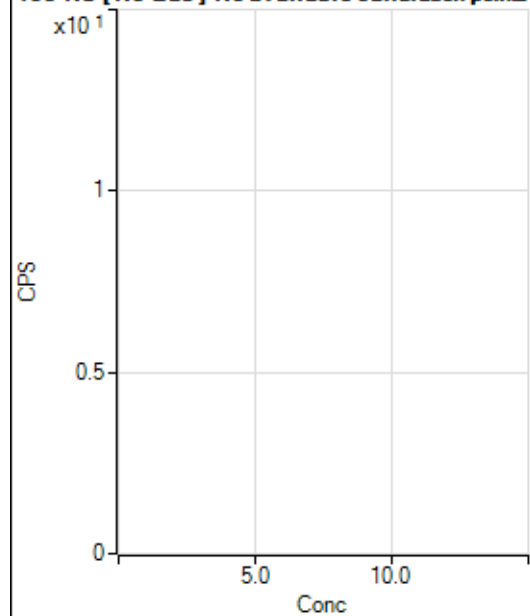
$$R = 0.9998$$

$$DL = 0.06271$$

$$BEC = 0.02863$$

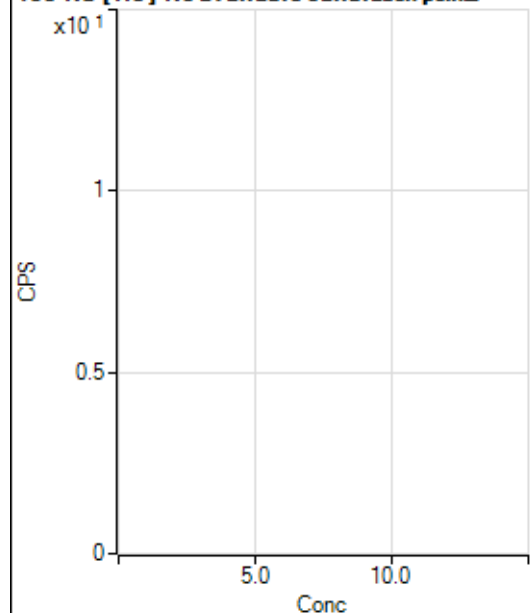
Weight: &lt;None&gt;

Min Conc: 0

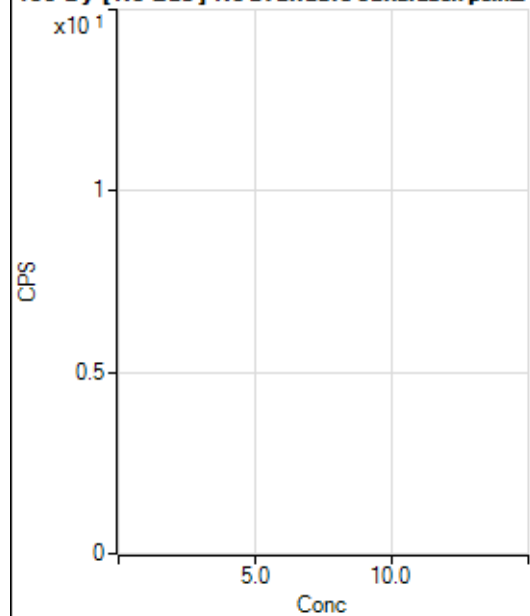
**150 Nd [No Gas] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 4.45   |       | P        | 86.6 |
| 2 | <input type="checkbox"/> |       |            | 8.89   |       | P        | 114. |
| 3 | <input type="checkbox"/> |       |            | 8.89   |       | P        | 114. |
| 4 | <input type="checkbox"/> |       |            | 31.11  |       | P        | 32.7 |
| 5 | <input type="checkbox"/> |       |            | 64.45  |       | P        | 6.0  |
| 6 | <input type="checkbox"/> |       |            | 104.45 |       | P        | 25.8 |
| 7 | <input type="checkbox"/> |       |            | 180.01 |       | P        | 18.5 |
| 8 | <input type="checkbox"/> |       |            | 413.35 |       | P        | 10.6 |
| 9 | <input type="checkbox"/> |       |            | 93.34  |       | P        | 32.7 |

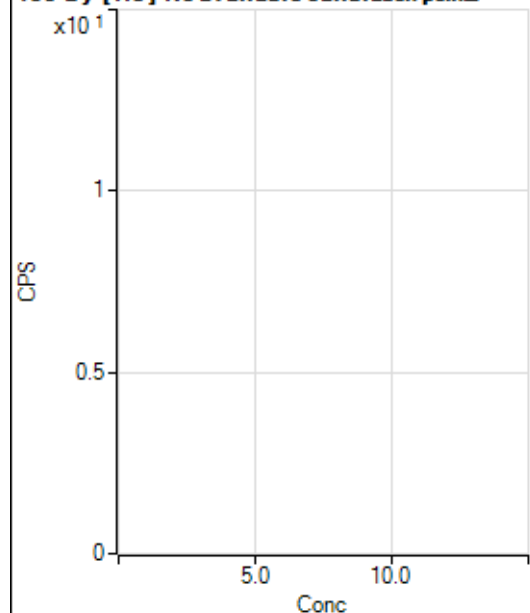


**150 Nd [He] No available calibration points**

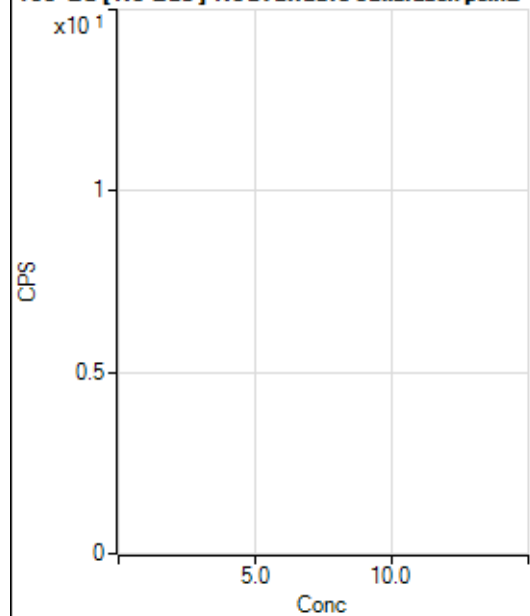
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 0.00  |       | P        |      |
| 2 | <input type="checkbox"/> |       |            | 0.00  |       | P        |      |
| 3 | <input type="checkbox"/> |       |            | 0.00  |       | P        |      |
| 4 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173. |
| 5 | <input type="checkbox"/> |       |            | 0.00  |       | P        |      |
| 6 | <input type="checkbox"/> |       |            | 2.22  |       | P        | 86.6 |
| 7 | <input type="checkbox"/> |       |            | 6.67  |       | P        | 86.6 |
| 8 | <input type="checkbox"/> |       |            | 10.00 |       | P        | 66.7 |
| 9 | <input type="checkbox"/> |       |            | 13.33 |       | P        | 25.0 |

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

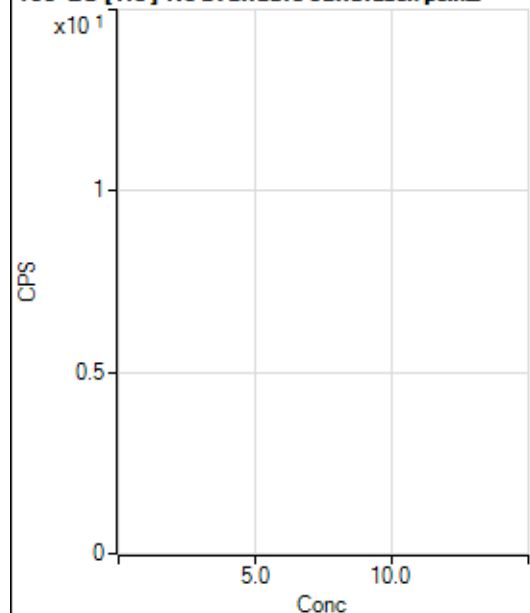
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 11.11  |       | P        | 43.3 |
| 2 | <input type="checkbox"/> |       |            | 19.45  |       | P        | 65.5 |
| 3 | <input type="checkbox"/> |       |            | 13.89  |       | P        | 34.7 |
| 4 | <input type="checkbox"/> |       |            | 33.33  |       | P        | 43.3 |
| 5 | <input type="checkbox"/> |       |            | 47.22  |       | P        | 36.7 |
| 6 | <input type="checkbox"/> |       |            | 44.45  |       | P        | 28.7 |
| 7 | <input type="checkbox"/> |       |            | 75.01  |       | P        | 40.1 |
| 8 | <input type="checkbox"/> |       |            | 122.23 |       | P        | 3.9  |
| 9 | <input type="checkbox"/> |       |            | 136.12 |       | P        | 12.7 |

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

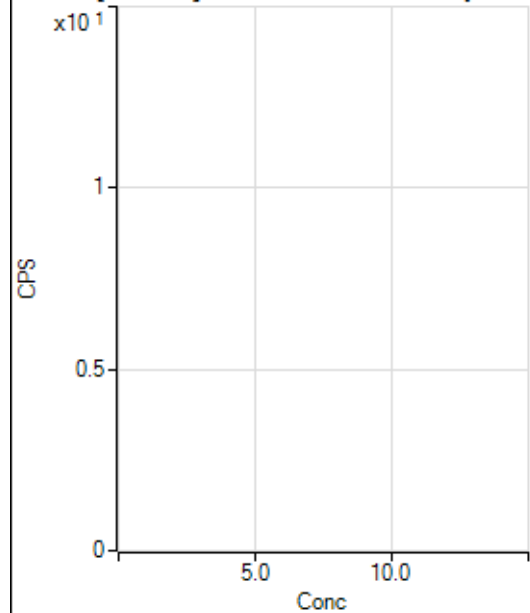
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 2.22  |       | P        | 86.6 |
| 2 | <input type="checkbox"/> |       |            | 0.00  |       | P        |      |
| 3 | <input type="checkbox"/> |       |            | 0.00  |       | P        |      |
| 4 | <input type="checkbox"/> |       |            | 3.33  |       | P        | 0.0  |
| 5 | <input type="checkbox"/> |       |            | 4.44  |       | P        | 114. |
| 6 | <input type="checkbox"/> |       |            | 3.33  |       | P        | 100. |
| 7 | <input type="checkbox"/> |       |            | 5.56  |       | P        | 91.6 |
| 8 | <input type="checkbox"/> |       |            | 12.22 |       | P        | 87.7 |
| 9 | <input type="checkbox"/> |       |            | 11.11 |       | P        | 96.4 |

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

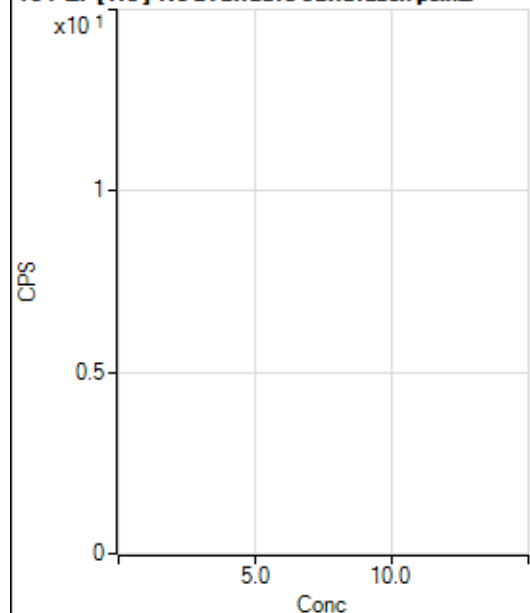
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 55.56  |       | P        | 56.8 |
| 2 | <input type="checkbox"/> |       |            | 72.22  |       | P        | 6.7  |
| 3 | <input type="checkbox"/> |       |            | 38.89  |       | P        | 32.7 |
| 4 | <input type="checkbox"/> |       |            | 66.67  |       | P        | 43.3 |
| 5 | <input type="checkbox"/> |       |            | 88.89  |       | P        | 5.4  |
| 6 | <input type="checkbox"/> |       |            | 72.22  |       | P        | 6.7  |
| 7 | <input type="checkbox"/> |       |            | 75.00  |       | P        | 22.2 |
| 8 | <input type="checkbox"/> |       |            | 80.56  |       | P        | 21.5 |
| 9 | <input type="checkbox"/> |       |            | 105.56 |       | P        | 39.7 |

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

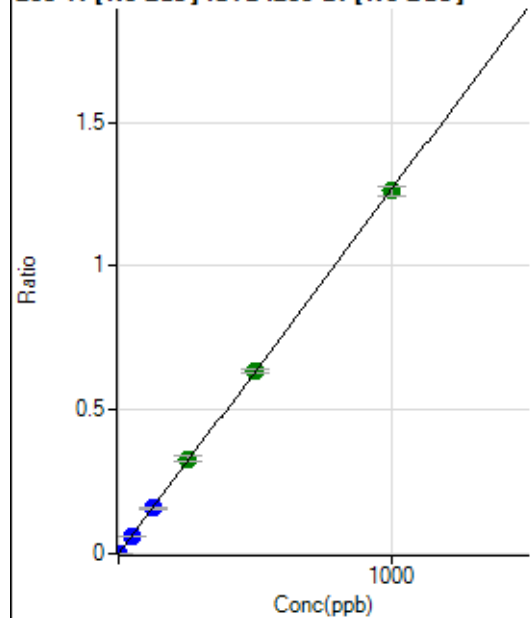
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 13.33 |       | P        | 86.6 |
| 2 | <input type="checkbox"/> |       |            | 10.00 |       | P        | 57.7 |
| 3 | <input type="checkbox"/> |       |            | 7.78  |       | P        | 99.0 |
| 4 | <input type="checkbox"/> |       |            | 2.22  |       | P        | 86.6 |
| 5 | <input type="checkbox"/> |       |            | 6.67  |       | P        | 100. |
| 6 | <input type="checkbox"/> |       |            | 3.33  |       | P        | 100. |
| 7 | <input type="checkbox"/> |       |            | 17.78 |       | P        | 21.7 |
| 8 | <input type="checkbox"/> |       |            | 20.00 |       | P        | 28.9 |
| 9 | <input type="checkbox"/> |       |            | 17.78 |       | P        | 54.1 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 30.55 |       | P        | 68.6 |
| 2 | <input type="checkbox"/> |       |            | 38.89 |       | P        | 44.6 |
| 3 | <input type="checkbox"/> |       |            | 47.22 |       | P        | 10.2 |
| 4 | <input type="checkbox"/> |       |            | 22.22 |       | P        | 78.1 |
| 5 | <input type="checkbox"/> |       |            | 36.11 |       | P        | 35.3 |
| 6 | <input type="checkbox"/> |       |            | 30.56 |       | P        | 41.7 |
| 7 | <input type="checkbox"/> |       |            | 41.67 |       | P        | 52.9 |
| 8 | <input type="checkbox"/> |       |            | 38.89 |       | P        | 49.5 |
| 9 | <input type="checkbox"/> |       |            | 44.45 |       | P        | 28.7 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 8.89  |       | P        | 57.3 |
| 2 | <input type="checkbox"/> |       |            | 6.66  |       | P        | 86.6 |
| 3 | <input type="checkbox"/> |       |            | 13.34 |       | P        | 43.3 |
| 4 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173. |
| 5 | <input type="checkbox"/> |       |            | 7.78  |       | P        | 89.2 |
| 6 | <input type="checkbox"/> |       |            | 4.44  |       | P        | 114. |
| 7 | <input type="checkbox"/> |       |            | 7.78  |       | P        | 99.0 |
| 8 | <input type="checkbox"/> |       |            | 11.11 |       | P        | 62.5 |
| 9 | <input type="checkbox"/> |       |            | 10.00 |       | P        | 57.8 |

**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      | 216.68     | 0.0000 | P        | 8.3  |
| 2 | <input type="checkbox"/> | 0.100    | 0.098      | 833.41     | 0.0002 | P        | 14.8 |
| 3 | <input type="checkbox"/> | 1.000    | 0.937      | 6115.62    | 0.0012 | P        | 8.0  |
| 4 | <input type="checkbox"/> | 50.000   | 48.942     | 314565.98  | 0.0620 | P        | 0.5  |
| 5 | <input type="checkbox"/> | 125.000  | 124.443    | 811217.55  | 0.1577 | P        | 0.8  |
| 6 | <input type="checkbox"/> | 250.000  | 260.517    | 1658657.44 | 0.3300 | A        | 5.2  |
| 7 | <input type="checkbox"/> | 500.000  | 502.287    | 3384071.43 | 0.6362 | A        | 2.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 996.350    | 6675586.26 | 1.2620 | A        | 2.4  |
| 9 | <input type="checkbox"/> |          |            | 3347.82    | 0.0007 | P        | 4.2  |

$$y = 0.0013 * x + 4.3032E-005$$

$$R = 0.9999$$

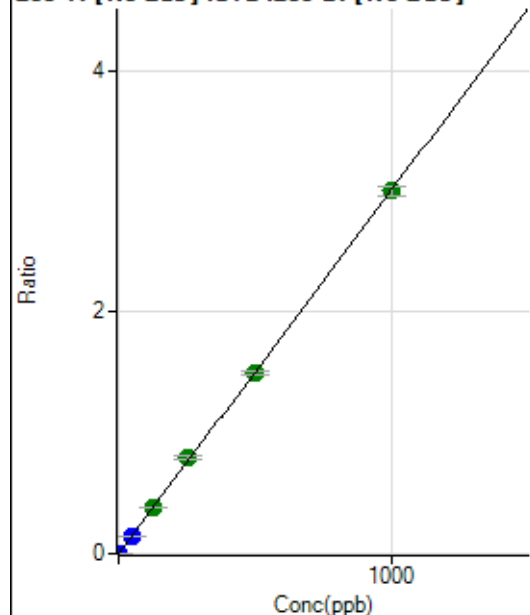
$$DL = 0.008435$$

$$BEC = 0.03398$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 450.03      | 0.0001 | P    | 14.4 |
| 2 | <input type="checkbox"/> | 0.100    | 0.100      | 1955.80     | 0.0004 | P    | 8.2  |
| 3 | <input type="checkbox"/> | 1.000    | 0.972      | 15009.52    | 0.0030 | P    | 3.6  |
| 4 | <input type="checkbox"/> | 50.000   | 49.758     | 759305.41   | 0.1497 | P    | 0.7  |
| 5 | <input type="checkbox"/> | 125.000  | 127.331    | 1970854.80  | 0.3830 | A    | 1.3  |
| 6 | <input type="checkbox"/> | 250.000  | 263.536    | 3983854.17  | 0.7926 | A    | 5.3  |
| 7 | <input type="checkbox"/> | 500.000  | 496.887    | 7948632.12  | 1.4944 | A    | 2.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 997.893    | 15875649.66 | 3.0011 | A    | 2.4  |
| 9 | <input type="checkbox"/> |          |            | 7499.82     | 0.0016 | P    | 8.7  |

$$y = 0.0030 * x + 8.9530E-005$$

$$R = 0.9999$$

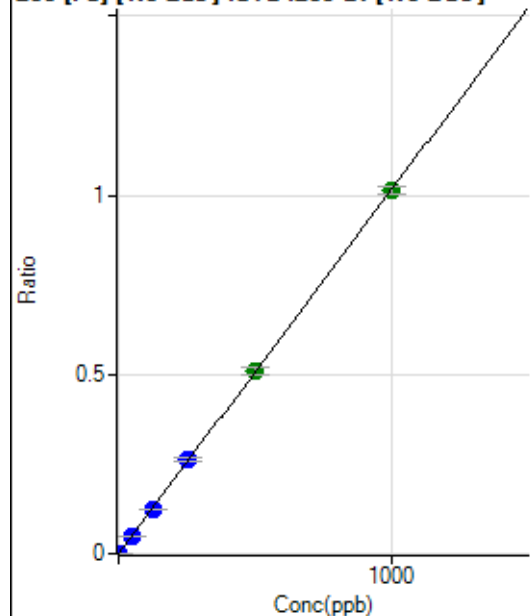
$$DL = 0.01283$$

$$BEC = 0.02977$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 312.98     | 0.0001 | P    | 15.9 |
| 2 | <input type="checkbox"/> | 0.100    | 0.111      | 874.13     | 0.0002 | P    | 9.7  |
| 3 | <input type="checkbox"/> | 1.000    | 0.988      | 5303.12    | 0.0011 | P    | 3.9  |
| 4 | <input type="checkbox"/> | 50.000   | 49.034     | 252683.82  | 0.0498 | P    | 0.3  |
| 5 | <input type="checkbox"/> | 125.000  | 123.778    | 646722.81  | 0.1257 | P    | 0.3  |
| 6 | <input type="checkbox"/> | 250.000  | 259.971    | 1326445.27 | 0.2639 | P    | 5.2  |
| 7 | <input type="checkbox"/> | 500.000  | 501.460    | 2707043.35 | 0.5090 | A    | 3.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 996.979    | 5352972.34 | 1.0119 | A    | 2.3  |
| 9 | <input type="checkbox"/> |          |            | 5434.67    | 0.0011 | P    | 4.5  |

$$y = 0.0010 * x + 6.2357E-005$$

$$R = 0.9999$$

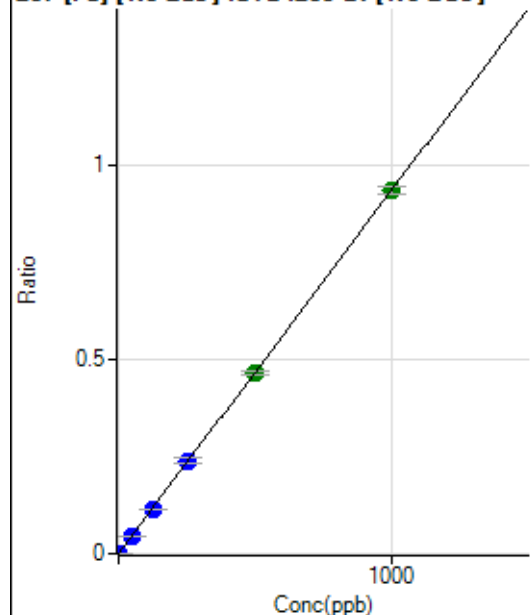
$$DL = 0.02929$$

$$BEC = 0.06144$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 275.94     | 0.0001 | P        | 4.3  |
| 2 | <input type="checkbox"/> | 0.100    | 0.100      | 742.64     | 0.0001 | P        | 16.6 |
| 3 | <input type="checkbox"/> | 1.000    | 0.986      | 4864.04    | 0.0010 | P        | 5.4  |
| 4 | <input type="checkbox"/> | 50.000   | 48.423     | 230012.03  | 0.0454 | P        | 0.9  |
| 5 | <input type="checkbox"/> | 125.000  | 122.389    | 589437.39  | 0.1146 | P        | 0.3  |
| 6 | <input type="checkbox"/> | 250.000  | 255.810    | 1203191.07 | 0.2394 | P        | 5.0  |
| 7 | <input type="checkbox"/> | 500.000  | 500.062    | 2488938.28 | 0.4679 | A        | 2.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 998.922    | 4944042.07 | 0.9346 | A        | 1.9  |
| 9 | <input type="checkbox"/> |          |            | 4608.39    | 0.0010 | P        | 5.1  |

$$y = 9.3552\text{E-}004 * x + 5.4892\text{E-}005$$

$$R = 1.0000$$

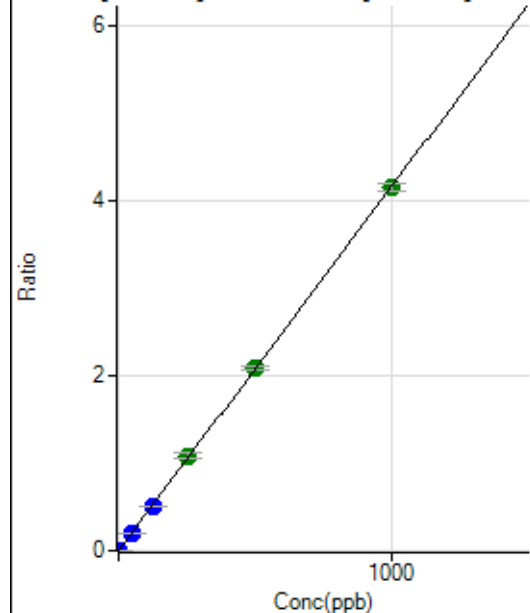
$$DL = 0.007606$$

$$BEC = 0.05868$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1255.62     | 0.0002 | P        | 10.0 |
| 2 | <input type="checkbox"/> | 0.100    | 0.102      | 3370.65     | 0.0007 | P        | 2.3  |
| 3 | <input type="checkbox"/> | 1.000    | 0.995      | 21898.86    | 0.0044 | P        | 4.1  |
| 4 | <input type="checkbox"/> | 50.000   | 48.889     | 1034514.14  | 0.2040 | P        | 0.1  |
| 5 | <input type="checkbox"/> | 125.000  | 123.676    | 2653449.24  | 0.5157 | P        | 0.2  |
| 6 | <input type="checkbox"/> | 250.000  | 261.171    | 5472455.04  | 1.0887 | A        | 4.9  |
| 7 | <input type="checkbox"/> | 500.000  | 501.730    | 11123507.51 | 2.0912 | A        | 2.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 996.563    | 21972247.20 | 4.1535 | A        | 2.2  |
| 9 | <input type="checkbox"/> |          |            | 21277.98    | 0.0044 | P        | 2.0  |

$$y = 0.0042 * x + 2.4991\text{E-}004$$

$$R = 0.9999$$

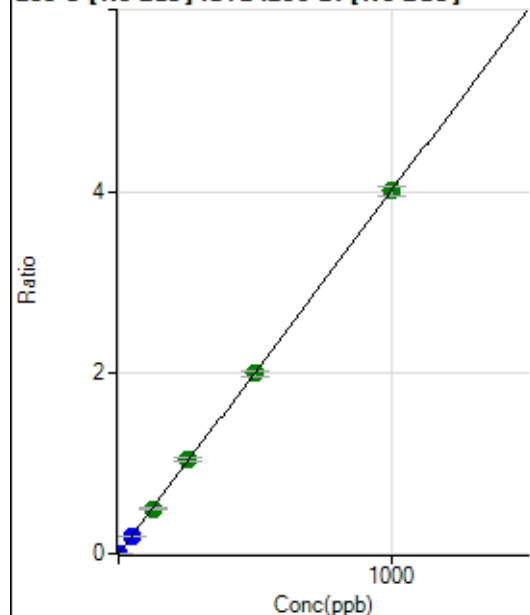
$$DL = 0.01791$$

$$BEC = 0.05997$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 100.01      | 0.0000 | P        | 17.2 |
| 2 | <input type="checkbox"/> | 0.100    | 0.106      | 2222.54     | 0.0004 | P        | 9.1  |
| 3 | <input type="checkbox"/> | 1.000    | 0.973      | 19490.98    | 0.0039 | P        | 8.5  |
| 4 | <input type="checkbox"/> | 50.000   | 47.964     | 975021.01   | 0.1923 | P        | 0.2  |
| 5 | <input type="checkbox"/> | 125.000  | 124.489    | 2567569.09  | 0.4990 | A        | 0.7  |
| 6 | <input type="checkbox"/> | 250.000  | 259.314    | 5226194.43  | 1.0394 | A        | 3.7  |
| 7 | <input type="checkbox"/> | 500.000  | 496.309    | 10580613.87 | 1.9893 | A        | 2.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 999.683    | 21195091.10 | 4.0068 | A        | 2.7  |
| 9 | <input type="checkbox"/> |          |            | 3520.12     | 0.0007 | P        | 5.7  |

$$y = 0.0040 * x + 1.9902E-005$$

$$R = 0.9999$$

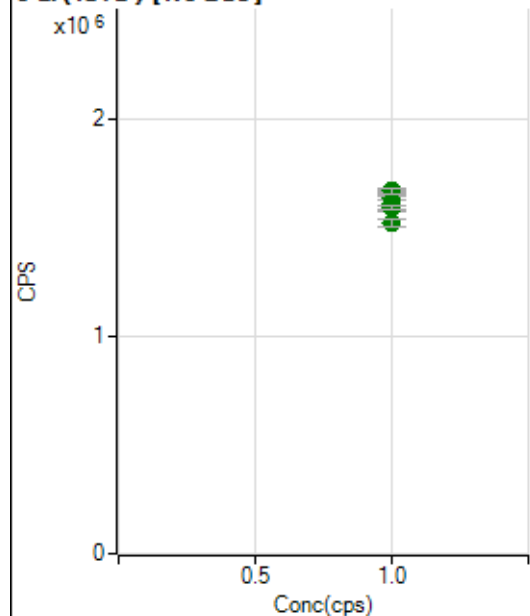
$$DL = 0.002561$$

$$BEC = 0.004965$$

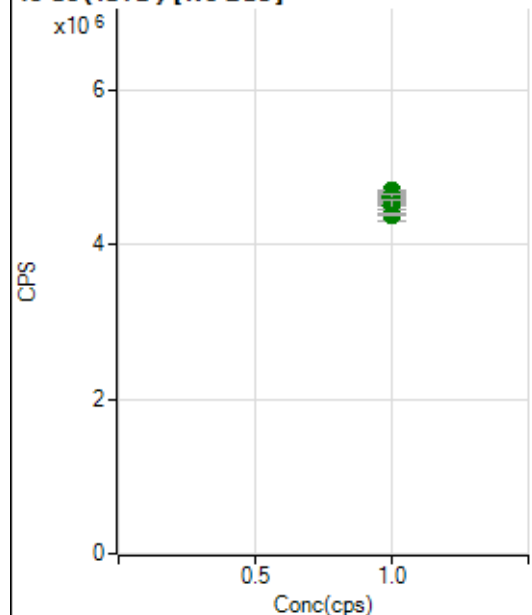
Weight: &lt;None&gt;

Min Conc: 0

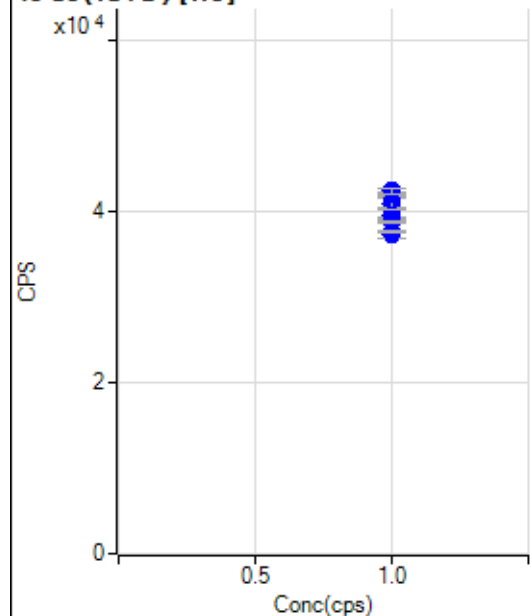
6 Li (ISTD) [No Gas]



|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1637579.00 |       | A        | 0.9 |
| 2 | <input type="checkbox"/> | 1.000 |            | 1653949.18 |       | A        | 1.1 |
| 3 | <input type="checkbox"/> | 1.000 |            | 1646921.24 |       | A        | 2.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1666588.29 |       | A        | 0.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1669049.39 |       | A        | 0.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1614931.80 |       | A        | 4.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1671001.11 |       | A        | 1.9 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1595444.45 |       | A        | 1.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1524720.03 |       | A        | 2.1 |

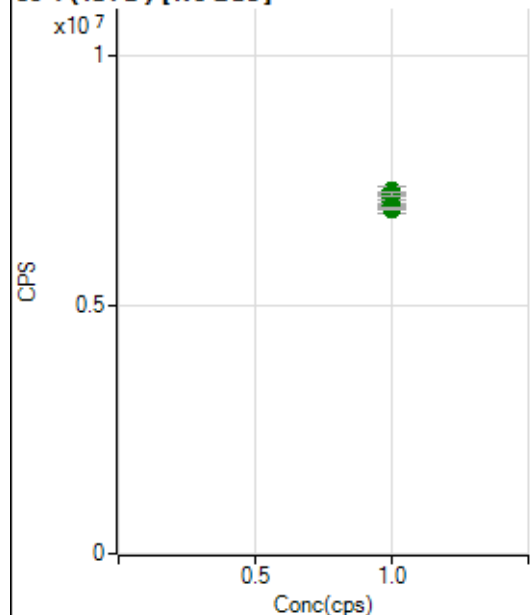
**45 Sc (ISTD) [No Gas]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4666768.98 |       | A        | 1.7 |
| 2 | <input type="checkbox"/> | 1.000 |            | 4668598.63 |       | A        | 1.0 |
| 3 | <input type="checkbox"/> | 1.000 |            | 4622425.71 |       | A        | 3.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4694990.47 |       | A        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4624450.45 |       | A        | 0.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4412616.85 |       | A        | 4.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4594680.31 |       | A        | 2.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4511534.13 |       | A        | 2.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 4383545.97 |       | A        | 0.7 |

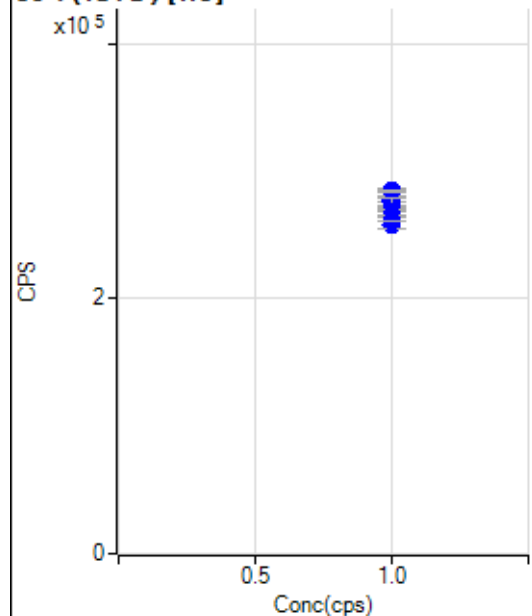
**45 Sc (ISTD) [He]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS      | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 40948.70 |       | P        | 2.9 |
| 2 | <input type="checkbox"/> | 1.000 |            | 42012.92 |       | P        | 1.2 |
| 3 | <input type="checkbox"/> | 1.000 |            | 42460.89 |       | P        | 1.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 39676.34 |       | P        | 3.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 39719.52 |       | P        | 2.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 39225.84 |       | P        | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 38872.81 |       | P        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 37280.66 |       | P        | 2.0 |
| 9 | <input type="checkbox"/> | 1.000 |            | 37688.38 |       | P        | 0.9 |

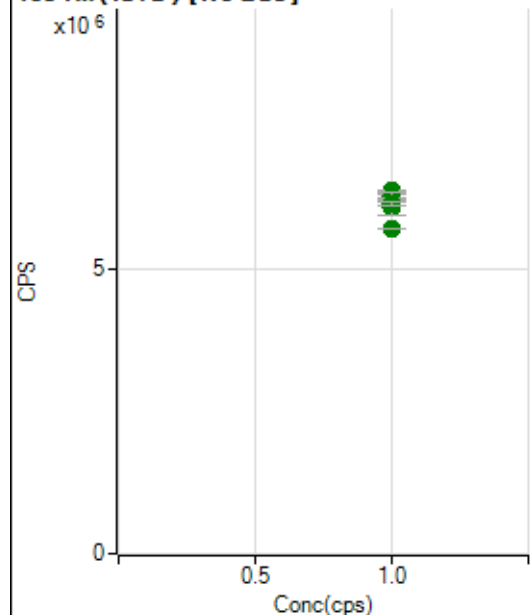


**89 Y (ISTD) [No Gas]**

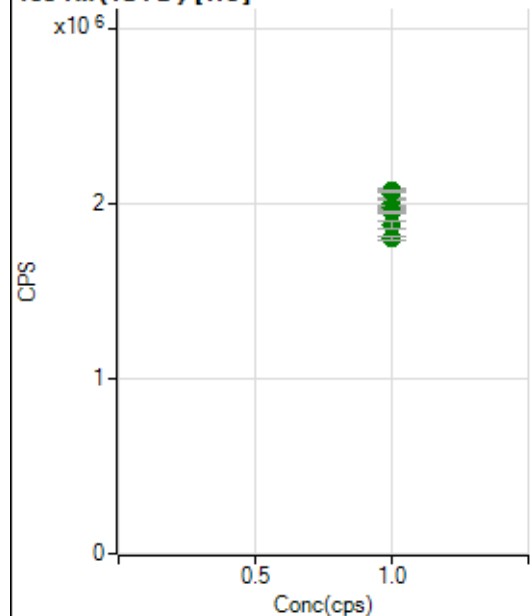
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 7053529.76 |       | A        | 1.2 |
| 2 | <input type="checkbox"/> | 1.000 |            | 7140553.16 |       | A        | 0.9 |
| 3 | <input type="checkbox"/> | 1.000 |            | 7097114.13 |       | A        | 2.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 7243088.64 |       | A        | 1.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 7223697.53 |       | A        | 0.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6980224.69 |       | A        | 4.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 7287657.25 |       | A        | 2.0 |
| 8 | <input type="checkbox"/> | 1.000 |            | 7213671.21 |       | A        | 1.0 |
| 9 | <input type="checkbox"/> | 1.000 |            | 6928292.19 |       | A        | 0.4 |

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

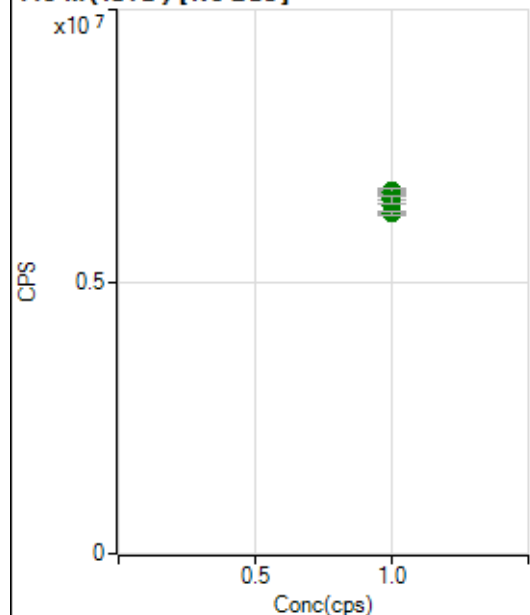
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 277229.23 |       | P        | 2.4 |
| 2 | <input type="checkbox"/> | 1.000 |            | 283983.50 |       | P        | 2.3 |
| 3 | <input type="checkbox"/> | 1.000 |            | 284736.34 |       | P        | 0.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 271051.48 |       | P        | 4.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 275437.73 |       | P        | 2.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 268840.02 |       | P        | 0.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 265485.13 |       | P        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 257780.91 |       | P        | 2.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 260899.19 |       | P        | 0.4 |

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

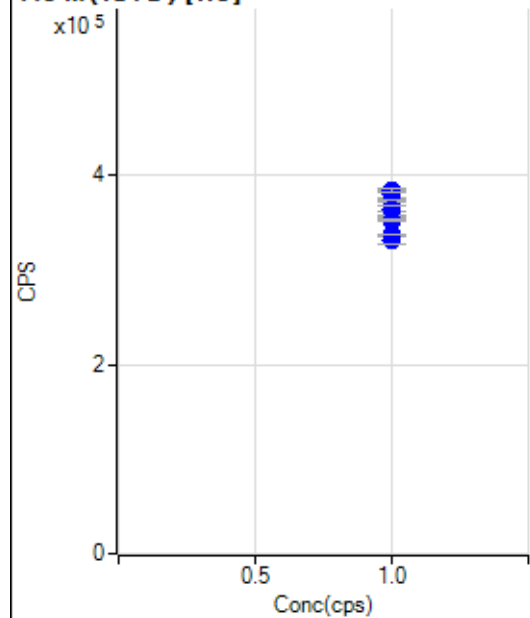
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6282126.53 |       | A        | 1.2 |
| 2 | <input type="checkbox"/> | 1.000 |            | 6353133.26 |       | A        | 1.1 |
| 3 | <input type="checkbox"/> | 1.000 |            | 6272804.13 |       | A        | 3.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6370547.84 |       | A        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6275540.07 |       | A        | 1.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6064235.03 |       | A        | 3.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6291850.10 |       | A        | 1.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 6152655.91 |       | A        | 1.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 5707637.80 |       | A        | 0.4 |

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

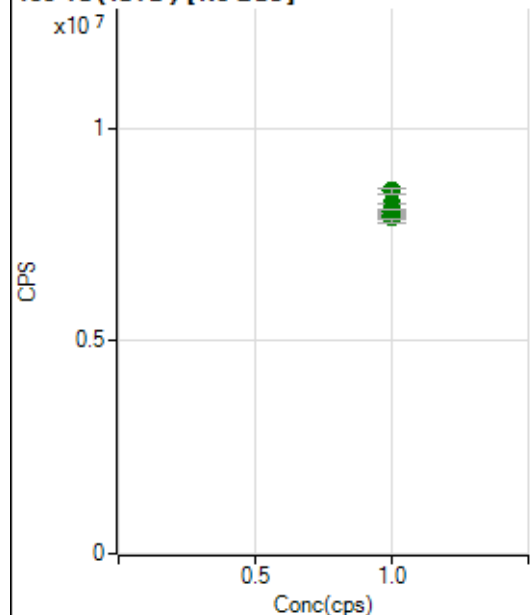
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2048977.14 |       | A        | 2.6 |
| 2 | <input type="checkbox"/> | 1.000 |            | 2053325.15 |       | A        | 2.9 |
| 3 | <input type="checkbox"/> | 1.000 |            | 2070162.02 |       | A        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1988860.62 |       | A        | 4.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1994472.37 |       | A        | 2.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1975450.39 |       | A        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1949861.48 |       | A        | 0.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1874820.87 |       | A        | 2.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1795866.42 |       | A        | 1.3 |

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

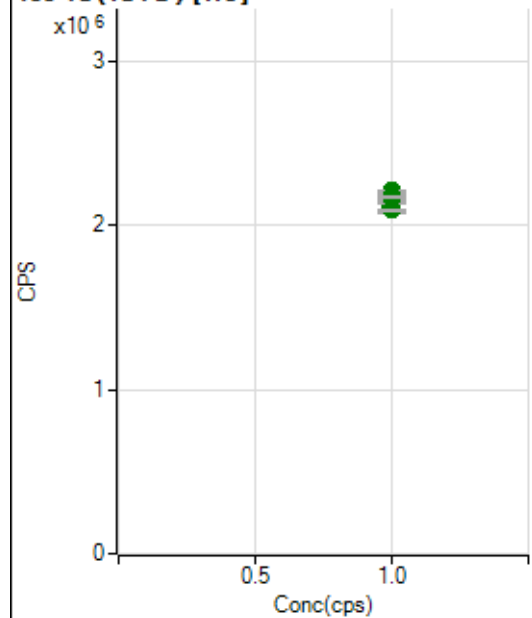
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6561682.58 |       | A        | 2.1 |
| 2 | <input type="checkbox"/> | 1.000 |            | 6559069.19 |       | A        | 1.4 |
| 3 | <input type="checkbox"/> | 1.000 |            | 6536126.03 |       | A        | 3.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6671541.81 |       | A        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6652121.44 |       | A        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6394096.64 |       | A        | 4.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6654852.06 |       | A        | 1.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 6507461.77 |       | A        | 1.9 |
| 9 | <input type="checkbox"/> | 1.000 |            | 6247244.77 |       | A        | 1.0 |

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

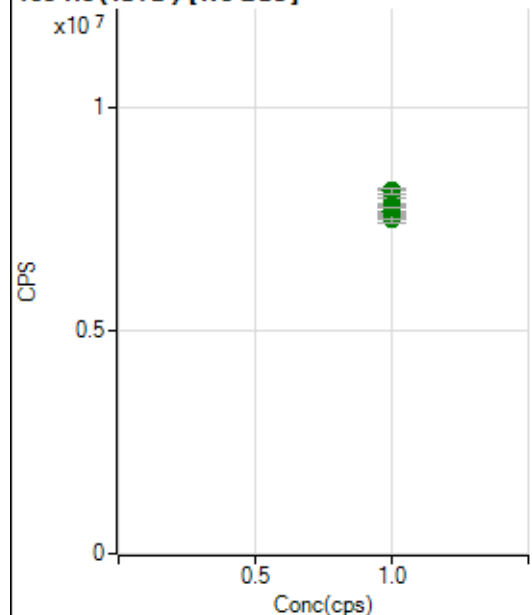
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 372346.26 |       | P        | 2.5 |
| 2 | <input type="checkbox"/> | 1.000 |            | 379777.15 |       | P        | 2.8 |
| 3 | <input type="checkbox"/> | 1.000 |            | 383563.69 |       | P        | 1.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 363863.83 |       | P        | 4.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 364894.19 |       | P        | 1.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 357869.29 |       | P        | 0.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 352529.15 |       | P        | 1.0 |
| 8 | <input type="checkbox"/> | 1.000 |            | 330997.41 |       | P        | 2.7 |
| 9 | <input type="checkbox"/> | 1.000 |            | 337631.53 |       | P        | 0.3 |

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

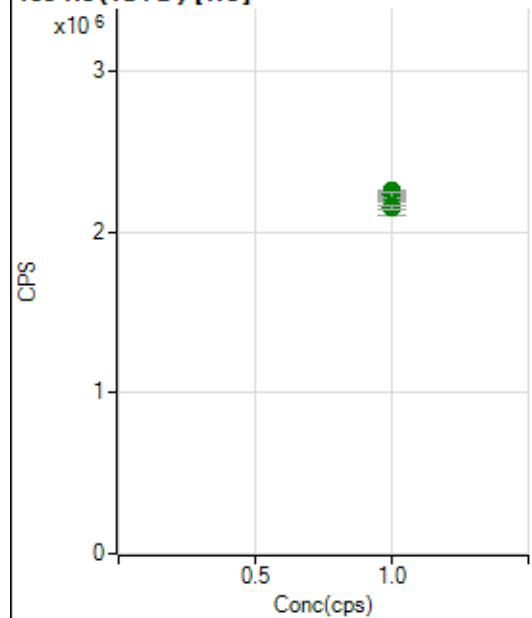
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 7936095.37 |       | A        | 0.9 |
| 2 | <input type="checkbox"/> | 1.000 |            | 7956144.19 |       | A        | 1.6 |
| 3 | <input type="checkbox"/> | 1.000 |            | 7914151.83 |       | A        | 3.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 8058270.37 |       | A        | 0.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 8220658.00 |       | A        | 0.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 8029560.78 |       | A        | 4.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 8525538.69 |       | A        | 1.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 8519420.70 |       | A        | 1.3 |
| 9 | <input type="checkbox"/> | 1.000 |            | 8095301.69 |       | A        | 0.3 |

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

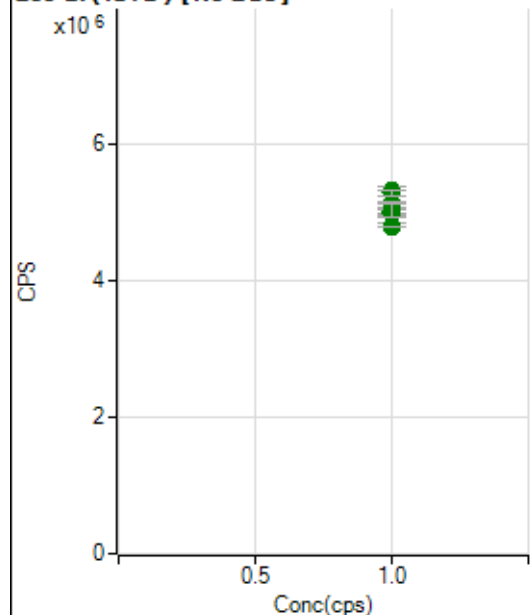
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2178630.57 |       | A        | 2.3 |
| 2 | <input type="checkbox"/> | 1.000 |            | 2170875.65 |       | A        | 2.4 |
| 3 | <input type="checkbox"/> | 1.000 |            | 2212125.80 |       | A        | 0.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2120837.76 |       | A        | 4.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2161207.14 |       | A        | 1.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2155474.05 |       | A        | 0.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2175533.35 |       | A        | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2104680.84 |       | A        | 3.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 2095499.38 |       | A        | 0.4 |

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

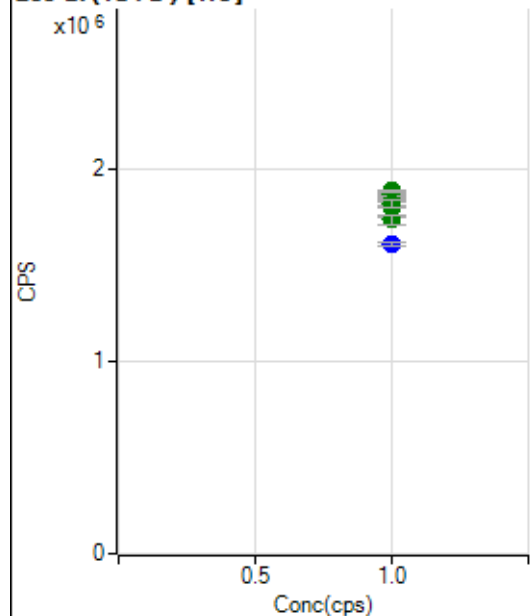
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 7587165.27 |       | A        | 1.2 |
| 2 | <input type="checkbox"/> | 1.000 |            | 7629841.75 |       | A        | 0.6 |
| 3 | <input type="checkbox"/> | 1.000 |            | 7497104.08 |       | A        | 2.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 7664207.72 |       | A        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 7854366.84 |       | A        | 0.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 7664914.67 |       | A        | 4.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 8072550.96 |       | A        | 2.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 8145904.78 |       | A        | 1.3 |
| 9 | <input type="checkbox"/> | 1.000 |            | 7776620.92 |       | A        | 0.1 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2208258.98 |       | A        | 2.2 |
| 2 | <input type="checkbox"/> | 1.000 |            | 2219183.16 |       | A        | 2.0 |
| 3 | <input type="checkbox"/> | 1.000 |            | 2256218.20 |       | A        | 0.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2156721.32 |       | A        | 4.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2218887.97 |       | A        | 2.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2217576.39 |       | A        | 0.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2231971.77 |       | A        | 1.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2162899.13 |       | A        | 2.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 2154305.68 |       | A        | 0.8 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 5029836.28 |       | A        | 2.0 |
| 2 | <input type="checkbox"/> | 1.000 |            | 5005113.09 |       | A        | 1.7 |
| 3 | <input type="checkbox"/> | 1.000 |            | 4987860.55 |       | A        | 5.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 5071247.01 |       | A        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 5145584.54 |       | A        | 0.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 5033349.65 |       | A        | 4.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 5321765.72 |       | A        | 2.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5291437.11 |       | A        | 1.8 |
| 9 | <input type="checkbox"/> | 1.000 |            | 4786666.87 |       | A        | 0.1 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1845893.03 |       | A        | 2.2 |
| 2 | <input type="checkbox"/> | 1.000 |            | 1865516.76 |       | A        | 1.8 |
| 3 | <input type="checkbox"/> | 1.000 |            | 1884541.88 |       | A        | 0.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1794547.35 |       | A        | 5.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1831415.62 |       | A        | 3.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1821040.01 |       | A        | 1.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1819110.51 |       | A        | 2.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1733572.66 |       | A        | 2.8 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1608577.48 |       | P        | 0.8 |

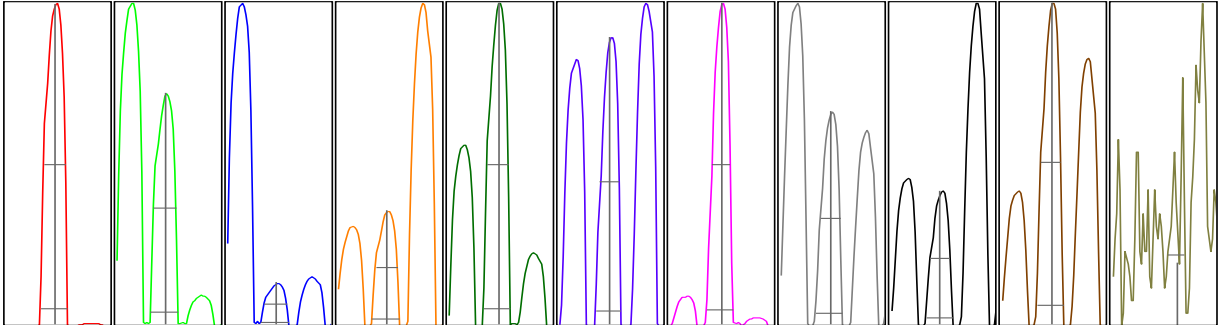
US EPA Tune Check Sample Report

Batch Folder D:\P8100318 -MS.b  
Report Comment  
Instrument Name G8403A JP17141814

| [No Gas] |                 |                  |                    |                |
|----------|-----------------|------------------|--------------------|----------------|
| Mass     | Count<br>(Mean) | RSD%<br>(Actual) | RSD%<br>(Required) | RSD%<br>(Flag) |
| 9        | 9562            | 0.53             | 5.00               |                |
| 24       | 67151           | 1.16             | 5.00               |                |
| 25       | 8807            | 0.63             | 5.00               |                |
| 26       | 10079           | 0.56             | 5.00               |                |
| 59       | 81035           | 1.55             | 5.00               |                |
| 113      | 9837            | 0.73             | 5.00               |                |
| 115      | 120160          | 0.78             | 5.00               |                |
| 206      | 26061           | 0.97             | 5.00               |                |
| 207      | 24107           | 1.16             | 5.00               |                |
| 208      | 56884           | 1.06             | 5.00               |                |
| 220      | 1               | 23.20            |                    |                |

| Mass | Replicate 1<br>Count | Replicate 2<br>Count | Replicate 3<br>Count | Replicate 4<br>Count | Replicate 5<br>Count |
|------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 9    | 9512                 | 9544                 | 9612                 | 9522                 | 9621                 |
| 24   | 66534                | 68021                | 67836                | 66235                | 67129                |
| 25   | 8768                 | 8797                 | 8861                 | 8742                 | 8867                 |
| 26   | 10040                | 10057                | 10107                | 10026                | 10164                |
| 59   | 80400                | 81572                | 80165                | 80034                | 83003                |
| 113  | 9717                 | 9823                 | 9873                 | 9885                 | 9886                 |
| 115  | 119178               | 120692               | 121511               | 119531               | 119886               |
| 206  | 25690                | 26045                | 26106                | 26068                | 26398                |
| 207  | 23744                | 24240                | 24063                | 23999                | 24491                |
| 208  | 55991                | 56729                | 57019                | 57022                | 57656                |
| 220  | 1                    | 1                    | 1                    | 1                    | 1                    |

Integration Time [sec] = 0.1



| Mass | Peak<br>Height | Axis<br>(Actual) | Axis<br>(Required) | Axis<br>(Flag) | Width-X%<br>(Actual) | Width-X%<br>(Required) | Width-<br>X%<br>(Flag) |
|------|----------------|------------------|--------------------|----------------|----------------------|------------------------|------------------------|
| 9    | 16300          | 8.95             | 8.9 - 9.1          |                | 0.778                | 0.900                  |                        |
| 24   | 112609         | 23.95            | 23.9 - 24.1        |                | 0.784                | 0.900                  |                        |
| 25   | 14776          | 24.95            | 24.9 - 25.1        |                | 0.786                | 0.900                  |                        |
| 26   | 17080          | 25.95            | 25.9 - 26.1        |                | 0.784                | 0.900                  |                        |
| 59   | 142665         | 59.00            | 58.9 - 59.1        |                | 0.772                | 0.900                  |                        |
| 113  | 18587          | 113.00           | 112.9 - 113.1      |                | 0.728                | 0.900                  |                        |
| 115  | 228026         | 115.05           | 114.9 - 115.1      |                | 0.761                | 0.900                  |                        |
| 206  | 48169          | 206.00           | 205.9 - 206.1      |                | 0.771                | 0.900                  |                        |
| 207  | 43537          | 206.95           | 206.9 - 207.1      |                | 0.777                | 0.900                  |                        |
| 208  | 105239         | 208.00           | 207.9 - 208.1      |                | 0.773                | 0.900                  |                        |
| 220  | 1              | 220.40           | -                  |                |                      |                        |                        |

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

Tune Parameters

## Plasma Paramters ##

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

## Lenses Parameters ##

| ParameterName | Value  | Unit | ParameterName | Value | Unit | ParameterName | Value | Unit |
|---------------|--------|------|---------------|-------|------|---------------|-------|------|
| Extract 1     | 0.0    | V    | Omega Lens    | 10.1  | V    | Deflect       | 11.8  | V    |
| Extract 2     | -220.0 | V    | Cell Entrance | -30   | V    | Plate Bias    | -35   | V    |
| Omega Bias    | -95    | 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   | 10988           | 0.56             |                    |
| 89   | 2531            | 0.52             |                    |
| 205  | 16647           | 0.32             |                    |

| Mass | Replicate 1<br>Count | Replicate 2<br>Count | Replicate 3<br>Count | Replicate 4<br>Count | Replicate 5<br>Count |
|------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 59   | 10943                | 10918                | 11006                | 10995                | 11077                |
| 89   | 2546                 | 2521                 | 2543                 | 2516                 | 2527                 |
| 205  | 16626                | 16563                | 16678                | 16672                | 16695                |

Integration Time [sec] = 0.1

Tune Parameters

## Plasma Paramters ##

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

## Lenses Parameters ##

| ParameterName | Value  | Unit | ParameterName | Value | Unit | ParameterName | Value | Unit |
|---------------|--------|------|---------------|-------|------|---------------|-------|------|
| Extract 1     | 0.0    | V    | Omega Lens    | 10.1  | V    | Deflect       | 1.4   | V    |
| Extract 2     | -220.0 | V    | Cell Entrance | -40   | V    | Plate Bias    | -60   | V    |
| Omega Bias    | -95    | V    | Cell Exit     | -60   | V    |               |       |      |

## Cell Parameters ##

| ParameterName | Value | Unit   | ParameterName | Value | Unit | ParameterName         | Value | Unit  |
|---------------|-------|--------|---------------|-------|------|-----------------------|-------|-------|
| Use Gas       | Yes   |        | OctP Bias     | -18.0 | V    | Energy Discrimination |       | 5.0 V |
| He Flow       | 5.0   | mL/min | OctP RF       | 200   | V    |                       |       |       |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 13:35:10 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 0.66    | -1.09   | 0.43     | 0.00       | N/A     | ppb   |
| Antimony   | 121-1 | -0.01   | 0.00    | 0.01     | 0.00       | N/A     | ppb   |
| Arsenic    | 75-2  | 0.00    | 0.00    | 0.00     | 0.00       | N/A     | ppb   |
| Barium     | 135-1 | 0.00    | 0.00    | 0.00     | 0.00       | N/A     | ppb   |
| Barium     | 137-1 | -0.01   | 0.02    | -0.01    | 0.00       | N/A     | ppb   |
| Beryllium  | 9-1   | 0.00    | -0.01   | 0.00     | 0.00       | N/A     | ppb   |
| Bismuth    | 209-1 |         |         |          | 100        |         | %     |
| Bismuth    | 209-2 |         |         |          | 100        |         | %     |
| Boron      | 10-1  | -0.30   | 0.20    | 0.09     | 0.00       | N/A     | ppb   |
| Boron      | 11-1  | 0.07    | -0.07   | -0.01    | 0.00       | N/A     | ppb   |
| Cadmium    | 111-1 | 0.01    | -0.01   | 0.00     | 0.00       | N/A     | ppb   |
| Cadmium    | 106-1 | 0.14    | -0.14   | -0.01    | 0.00       | N/A     | ppb   |
| Cadmium    | 108-1 | -0.04   | 0.02    | 0.02     | 0.00       | N/A     | ppb   |
| Calcium    | 43-1  | 1.03    | -0.30   | -0.74    | 0.00       | N/A     | ppb   |
| Calcium    | 44-1  | -0.23   | -0.37   | 0.60     | 0.00       | N/A     | ppb   |
| Chromium   | 52-2  | 0.00    | -0.03   | 0.03     | 0.00       | N/A     | ppb   |
| Cobalt     | 59-2  | 0.01    | -0.01   | 0.00     | 0.00       | N/A     | ppb   |
| Copper     | 63-2  | 0.00    | -0.02   | 0.02     | 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  | 0.09    | 0.14    | -0.23    | 0.00       | N/A     | ppb   |
| Iron       | 57-2  | 0.00    | -0.72   | 0.72     | 0.00       | N/A     | ppb   |
| Krypton    | 83-1  | 4044.51 | -63.82  | -3980.69 | 0.00       | N/A     | ppb   |
| 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    | -0.01    | 0.00       | N/A     | ppb   |
| Lithium    | 6-1   |         |         |          | 100        |         | %     |
| Magnesium  | 24-2  | 0.33    | 0.05    | -0.37    | 0.00       | N/A     | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 13:35:10 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | -0.03   | 0.09    | -0.06   | 0.00       | N/A     | ppb   |
| Molybdenum | 94-1  | -0.01   | 0.00    | 0.02    | 0.00       | N/A     | ppb   |
| Molybdenum | 95-1  | -0.01   | 0.01    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 96-1  | 0.00    | -0.01   | 0.01    | 0.00       | N/A     | ppb   |
| Molybdenum | 97-1  | 0.01    | 0.00    | -0.01   | 0.00       | N/A     | ppb   |
| Molybdenum | 98-1  | 0.00    | -0.01   | 0.01    | 0.00       | N/A     | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.02   | -0.05   | 0.07    | 0.00       | N/A     | ppb   |
| Phosphorus | 31-2  | 30.92   | -12.65  | -12.65  | 1.87       | 1343.61 | ppb   |
| Potassium  | 39-2  | -3.15   | -6.26   | 9.41    | 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  | -0.59   | 0.58    | 0.02    | 0.00       | N/A     | ppb   |
| Selenium   | 82-1  | 0.11    | 0.12    | -0.23   | 0.00       | N/A     | ppb   |
| Silicon    | 28-1  | -0.08   | 0.92    | -0.83   | 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  | 0.50    | 0.27    | -0.77   | 0.00       | N/A     | ppb   |
| Strontium  | 86-1  | -0.04   | 0.03    | 0.00    | 0.00       | N/A     | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Sulfur     | 34-1  | -494.27 | 20.64   | -655.69 | -376.44    |         | 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   |
| Tin        | 118-1 | -0.01   | 0.01    | 0.01    | 0.00       | N/A     | ppb   |
| Titanium   | 47-1  | 0.02    | -0.03   | 0.01    | 0.00       | N/A     | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Yttrium    | 89-1  |         |         |         | 100        |         | %     |
| Yttrium    | 89-2  |         |         |         | 100        |         | %     |
| Zinc       | 66-2  | 0.17    | -0.10   | -0.06   | 0.00       | N/A     | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 13:35:10 | DataFile Name :   | 003CALB.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | S01                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S01                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 13:38:32 | DataFile Name :   | 004CALS.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 3.32    | 1.41    | 2.60    | 2.44       | 39.53   | ppb   |
| Antimony   | 121-1 | 0.21    | 0.22    | 0.20    | 0.21       | 5.78    | ppb   |
| Arsenic    | 75-2  | 0.14    | 0.20    | 0.09    | 0.14       | 38.28   | ppb   |
| Barium     | 135-1 | 1.03    | 1.04    | 0.96    | 1.01       | 4.50    | ppb   |
| Barium     | 137-1 | 1.07    | 1.03    | 0.92    | 1.01       | 7.59    | ppb   |
| Beryllium  | 9-1   | 0.13    | 0.16    | 0.09    | 0.13       | 28.44   | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Bismuth    | 209-2 |         |         |         | 101        |         | %     |
| Boron      | 10-1  | 1.72    | 2.54    | 2.67    | 2.31       | 22.33   | ppb   |
| Boron      | 11-1  | 1.90    | 1.53    | 1.62    | 1.68       | 11.50   | ppb   |
| Cadmium    | 111-1 | 0.06    | 0.16    | 0.16    | 0.13       | 47.64   | ppb   |
| Cadmium    | 106-1 | -0.38   | 0.75    | 0.44    | 0.27       | 217.91  | ppb   |
| Cadmium    | 108-1 | 0.02    | 0.05    | 0.12    | 0.06       | 79.69   | ppb   |
| Calcium    | 43-1  | 52.95   | 62.02   | 43.44   | 52.80      | 17.60   | ppb   |
| Calcium    | 44-1  | 49.83   | 49.29   | 52.81   | 50.64      | 3.74    | ppb   |
| Chromium   | 52-2  | 0.20    | 0.19    | 0.18    | 0.19       | 4.76    | ppb   |
| Cobalt     | 59-2  | 0.09    | 0.11    | 0.09    | 0.10       | 11.14   | ppb   |
| Copper     | 63-2  | 0.21    | 0.21    | 0.14    | 0.19       | 20.43   | 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 |         |         |         | 101        |         | %     |
| Holmium    | 165-2 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Indium     | 115-2 |         |         |         | 102        |         | %     |
| Iron       | 56-2  | 5.32    | 5.35    | 5.28    | 5.32       | 0.68    | ppb   |
| Iron       | 57-2  | 5.51    | 7.75    | 6.33    | 6.53       | 17.35   | ppb   |
| Krypton    | 83-1  | 379.65  | 4423.18 | 463.01  | 1755.28    | 131.65  | ppb   |
| Lead       | 206-1 | 0.11    | 0.13    | 0.09    | 0.11       | 15.05   | ppb   |
| Lead       | 207-1 | 0.07    | 0.12    | 0.11    | 0.10       | 26.27   | ppb   |
| Lead       | 208-1 | 0.10    | 0.11    | 0.10    | 0.10       | 3.71    | ppb   |
| Lithium    | 6-1   |         |         |         | 101        |         | %     |
| Magnesium  | 24-2  | 53.69   | 50.23   | 43.06   | 48.99      | 11.07   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | S01                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S01                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 13:38:32 | DataFile Name :   | 004CALS.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.09    | 0.17    | 0.05    | 0.10       | 55.58   | ppb   |
| Molybdenum | 94-1  | 0.42    | 0.47    | 0.43    | 0.44       | 5.52    | ppb   |
| Molybdenum | 95-1  | 0.51    | 0.49    | 0.48    | 0.49       | 2.84    | ppb   |
| Molybdenum | 96-1  | 0.48    | 0.47    | 0.47    | 0.47       | 1.32    | ppb   |
| Molybdenum | 97-1  | 0.56    | 0.43    | 0.47    | 0.48       | 14.05   | ppb   |
| Molybdenum | 98-1  | 0.48    | 0.48    | 0.54    | 0.50       | 7.13    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.09    | 0.20    | 0.05    | 0.11       | 66.61   | ppb   |
| Phosphorus | 31-2  | 1.31    | -12.65  | -12.65  | -8.00      |         | ppb   |
| Potassium  | 39-2  | 38.05   | 57.99   | 36.83   | 44.29      | 26.82   | ppb   |
| Rhodium    | 103-1 |         |         |         | 101        |         | %     |
| Rhodium    | 103-2 |         |         |         | 100        |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 103        |         | %     |
| Selenium   | 77-2  | 3.50    | 0.00    | 0.00    | 1.17       | 173.21  | ppb   |
| Selenium   | 78-2  | 1.70    | -0.02   | 1.79    | 1.16       | 88.22   | ppb   |
| Selenium   | 82-1  | 0.66    | 0.85    | 0.37    | 0.62       | 38.64   | ppb   |
| Silicon    | 28-1  | 1.80    | 2.43    | 2.90    | 2.38       | 23.32   | ppb   |
| Silver     | 109-1 | 0.10    | 0.11    | 0.09    | 0.10       | 9.59    | ppb   |
| Silver     | 107-1 | 0.11    | 0.11    | 0.09    | 0.10       | 8.77    | ppb   |
| Sodium     | 23-2  | 44.71   | 44.69   | 46.49   | 45.30      | 2.29    | ppb   |
| Strontium  | 86-1  | 0.07    | 0.02    | 0.06    | 0.05       | 49.61   | ppb   |
| Strontium  | 88-1  | 0.11    | 0.11    | 0.11    | 0.11       | 0.96    | ppb   |
| Sulfur     | 34-1  | -147.21 | 66.97   | -23.16  | -34.47     |         | ppb   |
| Terbium    | 159-1 |         |         |         | 100        |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 0.09    | 0.12    | 0.08    | 0.10       | 19.90   | ppb   |
| Thallium   | 205-1 | 0.09    | 0.10    | 0.11    | 0.10       | 10.66   | ppb   |
| Tin        | 118-1 | 0.51    | 0.50    | 0.55    | 0.52       | 5.11    | ppb   |
| Titanium   | 47-1  | 0.52    | 0.54    | 0.55    | 0.54       | 2.97    | ppb   |
| Uranium    | 238-1 | 0.11    | 0.11    | 0.09    | 0.11       | 9.48    | ppb   |
| Vanadium   | 51-2  | 0.48    | 0.48    | 0.43    | 0.46       | 5.86    | ppb   |
| Yttrium    | 89-1  |         |         |         | 101        |         | %     |
| Yttrium    | 89-2  |         |         |         | 102        |         | %     |
| Zinc       | 66-2  | 0.02    | 0.06    | 0.21    | 0.10       | 108.20  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | S01                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S01                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 13:38:32 | DataFile Name :   | 004CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.06    | 0.09    | 0.10    | 0.08       | 25.72   | ppb   |
| Zirconium | 91-1 | 0.09    | 0.10    | 0.09    | 0.09       | 5.86    | ppb   |

LB Number : LB98345 Operator : Jaswal  
 Lab Sample ID : S02 Instrumnet Name : P8  
 Client Sample ID : S02 Dilution Factor : 1  
 Date & Time Acquired :: 2018-10-03 13:42:41 DataFile Name : 005CALS.d

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 18.90    | 20.61   | 20.36   | 19.96      | 4.61    | ppb   |
| Antimony   | 121-1 | 2.09     | 2.07    | 2.01    | 2.06       | 2.08    | ppb   |
| Arsenic    | 75-2  | 0.99     | 0.92    | 1.12    | 1.01       | 9.75    | ppb   |
| Barium     | 135-1 | 10.68    | 10.09   | 10.21   | 10.33      | 3.01    | ppb   |
| Barium     | 137-1 | 10.42    | 9.99    | 9.75    | 10.05      | 3.38    | ppb   |
| Beryllium  | 9-1   | 1.04     | 1.13    | 1.02    | 1.06       | 5.81    | ppb   |
| Bismuth    | 209-1 |          |         |         | 99         |         | %     |
| Bismuth    | 209-2 |          |         |         | 102        |         | %     |
| Boron      | 10-1  | 22.11    | 20.68   | 23.71   | 22.17      | 6.83    | ppb   |
| Boron      | 11-1  | 21.76    | 21.05   | 21.15   | 21.32      | 1.82    | ppb   |
| Cadmium    | 111-1 | 1.22     | 1.06    | 0.99    | 1.09       | 10.56   | ppb   |
| Cadmium    | 106-1 | 1.77     | 1.48    | 0.83    | 1.36       | 35.33   | ppb   |
| Cadmium    | 108-1 | 1.01     | 1.23    | 1.16    | 1.13       | 10.04   | ppb   |
| Calcium    | 43-1  | 518.40   | 479.81  | 446.33  | 481.51     | 7.49    | ppb   |
| Calcium    | 44-1  | 509.33   | 473.34  | 459.27  | 480.65     | 5.37    | ppb   |
| Chromium   | 52-2  | 1.92     | 2.01    | 2.15    | 2.03       | 5.65    | ppb   |
| Cobalt     | 59-2  | 0.97     | 0.95    | 0.95    | 0.96       | 1.19    | ppb   |
| Copper     | 63-2  | 1.90     | 1.97    | 2.03    | 1.97       | 3.40    | ppb   |
| Dysprosium | 156-1 |          |         |         |            |         | cps   |
| Dysprosium | 156-2 |          |         |         |            |         | cps   |
| Erbium     | 164-1 |          |         |         |            |         | cps   |
| Erbium     | 164-2 |          |         |         |            |         | cps   |
| Gadolinium | 160-1 |          |         |         |            |         | cps   |
| Gadolinium | 160-2 |          |         |         |            |         | cps   |
| Holmium    | 165-1 |          |         |         | 99         |         | %     |
| Holmium    | 165-2 |          |         |         | 102        |         | %     |
| Indium     | 115-1 |          |         |         | 100        |         | %     |
| Indium     | 115-2 |          |         |         | 103        |         | %     |
| Iron       | 56-2  | 49.15    | 51.36   | 51.26   | 50.59      | 2.47    | ppb   |
| Iron       | 57-2  | 54.52    | 48.92   | 53.07   | 52.17      | 5.57    | ppb   |
| Krypton    | 83-1  | -4635.05 | 1363.56 | 3883.18 | 203.90     | 2146.14 | ppb   |
| Lead       | 206-1 | 1.03     | 0.97    | 0.96    | 0.99       | 4.19    | ppb   |
| Lead       | 207-1 | 1.05     | 0.96    | 0.95    | 0.99       | 5.76    | ppb   |
| Lead       | 208-1 | 1.04     | 0.98    | 0.96    | 1.00       | 4.40    | ppb   |
| Lithium    | 6-1   |          |         |         | 101        |         | %     |
| Magnesium  | 24-2  | 472.42   | 507.51  | 514.08  | 498.00     | 4.50    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 13:42:41 | DataFile Name :   | 005CALS.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 1.18    | 0.97    | 1.16    | 1.10       | 10.22   | ppb   |
| Molybdenum | 94-1  | 5.00    | 4.84    | 4.67    | 4.84       | 3.40    | ppb   |
| Molybdenum | 95-1  | 5.25    | 4.92    | 5.11    | 5.10       | 3.29    | ppb   |
| Molybdenum | 96-1  | 5.18    | 4.92    | 4.65    | 4.91       | 5.36    | ppb   |
| Molybdenum | 97-1  | 5.16    | 4.78    | 4.96    | 4.97       | 3.81    | ppb   |
| Molybdenum | 98-1  | 5.09    | 4.84    | 4.68    | 4.87       | 4.33    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.97    | 1.05    | 1.24    | 1.09       | 12.80   | ppb   |
| Phosphorus | 31-2  | -12.65  | 29.59   | 1.44    | 6.13       | 351.12  | ppb   |
| Potassium  | 39-2  | 466.73  | 527.44  | 511.78  | 501.98     | 6.28    | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Rhodium    | 103-2 |         |         |         | 101        |         | %     |
| Scandium   | 45-1  |         |         |         | 99         |         | %     |
| Scandium   | 45-2  |         |         |         | 104        |         | %     |
| Selenium   | 77-2  | 0.00    | 3.54    | 3.51    | 2.35       | 86.60   | ppb   |
| Selenium   | 78-2  | 6.40    | 2.88    | 8.61    | 5.97       | 48.39   | ppb   |
| Selenium   | 82-1  | 5.32    | 4.72    | 5.39    | 5.14       | 7.17    | ppb   |
| Silicon    | 28-1  | 24.13   | 20.23   | 17.54   | 20.63      | 16.04   | ppb   |
| Silver     | 109-1 | 1.06    | 1.05    | 1.03    | 1.05       | 1.45    | ppb   |
| Silver     | 107-1 | 1.09    | 1.04    | 1.05    | 1.06       | 2.76    | ppb   |
| Sodium     | 23-2  | 486.74  | 513.74  | 496.72  | 499.06     | 2.74    | ppb   |
| Strontium  | 86-1  | 0.86    | 1.00    | 0.87    | 0.91       | 8.75    | ppb   |
| Strontium  | 88-1  | 1.10    | 0.98    | 0.99    | 1.02       | 6.70    | ppb   |
| Sulfur     | 34-1  | 914.38  | 385.84  | -67.50  | 410.91     | 119.59  | ppb   |
| Terbium    | 159-1 |         |         |         | 100        |         | %     |
| Terbium    | 159-2 |         |         |         | 102        |         | %     |
| Thallium   | 203-1 | 1.02    | 0.91    | 0.87    | 0.94       | 8.26    | ppb   |
| Thallium   | 205-1 | 1.01    | 0.95    | 0.96    | 0.97       | 3.76    | ppb   |
| Tin        | 118-1 | 5.36    | 5.08    | 5.12    | 5.19       | 2.94    | ppb   |
| Titanium   | 47-1  | 5.17    | 4.87    | 4.91    | 4.98       | 3.24    | ppb   |
| Uranium    | 238-1 | 1.05    | 0.98    | 0.89    | 0.97       | 8.58    | ppb   |
| Vanadium   | 51-2  | 4.64    | 4.94    | 4.88    | 4.82       | 3.26    | ppb   |
| Yttrium    | 89-1  |         |         |         | 101        |         | %     |
| Yttrium    | 89-2  |         |         |         | 103        |         | %     |
| Zinc       | 66-2  | 2.28    | 1.77    | 1.67    | 1.91       | 17.14   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 13:42:41 | DataFile Name :   | 005CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 1.00    | 0.95    | 0.88    | 0.94       | 6.23    | ppb   |
| Zirconium | 91-1 | 0.88    | 0.86    | 0.89    | 0.88       | 1.27    | ppb   |



LB Number : LB98345 Operator : Jaswal  
 Lab Sample ID : S03 Instrumnet Name : P8  
 Client Sample ID : S03 Dilution Factor : 1  
 Date & Time Acquired :: 2018-10-03 13:46:26 DataFile Name : 006CAL.S.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1003.75  | 1123.59  | 1046.54 | 1057.96    | 5.74    | ppb   |
| Antimony   | 121-1 | 51.18    | 52.18    | 51.12   | 51.49      | 1.15    | ppb   |
| Arsenic    | 75-2  | 51.06    | 56.89    | 51.59   | 53.18      | 6.06    | ppb   |
| Barium     | 135-1 | 258.14   | 259.84   | 257.64  | 258.54     | 0.45    | ppb   |
| Barium     | 137-1 | 256.14   | 258.18   | 254.32  | 256.21     | 0.75    | ppb   |
| Beryllium  | 9-1   | 52.23    | 50.67    | 51.87   | 51.59      | 1.59    | ppb   |
| Bismuth    | 209-1 |          |          |         | 101        |         | %     |
| Bismuth    | 209-2 |          |          |         | 97         |         | %     |
| Boron      | 10-1  | 52.37    | 50.67    | 53.80   | 52.28      | 3.00    | ppb   |
| Boron      | 11-1  | 49.55    | 49.61    | 50.57   | 49.91      | 1.15    | ppb   |
| Cadmium    | 111-1 | 52.64    | 52.65    | 51.83   | 52.37      | 0.90    | ppb   |
| Cadmium    | 106-1 | 55.52    | 53.56    | 53.85   | 54.31      | 1.94    | ppb   |
| Cadmium    | 108-1 | 54.42    | 55.27    | 53.18   | 54.29      | 1.94    | ppb   |
| Calcium    | 43-1  | 4860.82  | 4924.94  | 5005.49 | 4930.42    | 1.47    | ppb   |
| Calcium    | 44-1  | 5053.20  | 5021.70  | 5046.07 | 5040.33    | 0.33    | ppb   |
| Chromium   | 52-2  | 51.41    | 56.07    | 52.86   | 53.44      | 4.46    | ppb   |
| Cobalt     | 59-2  | 51.20    | 54.94    | 52.36   | 52.83      | 3.62    | ppb   |
| Copper     | 63-2  | 102.88   | 110.55   | 104.75  | 106.06     | 3.77    | 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 |          |          |         | 101        |         | %     |
| Holmium    | 165-2 |          |          |         | 98         |         | %     |
| Indium     | 115-1 |          |          |         | 102        |         | %     |
| Indium     | 115-2 |          |          |         | 98         |         | %     |
| Iron       | 56-2  | 2674.66  | 2856.34  | 2704.77 | 2745.26    | 3.55    | ppb   |
| Iron       | 57-2  | 2591.91  | 2735.58  | 2638.63 | 2655.37    | 2.76    | ppb   |
| Krypton    | 83-1  | -1475.00 | -2150.64 | 3930.14 | 101.50     | 3283.57 | ppb   |
| Lead       | 206-1 | 49.10    | 49.14    | 48.86   | 49.03      | 0.30    | ppb   |
| Lead       | 207-1 | 48.63    | 47.90    | 48.74   | 48.42      | 0.94    | ppb   |
| Lead       | 208-1 | 48.93    | 48.83    | 48.91   | 48.89      | 0.11    | ppb   |
| Lithium    | 6-1   |          |          |         | 102        |         | %     |
| Magnesium  | 24-2  | 5262.82  | 5809.20  | 5504.02 | 5525.35    | 4.96    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB98345             | Operator :        | Jaswal     |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S03                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-10-03 13:46:26 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 104.06  | 112.13  | 105.17  | 107.12     | 4.09    | ppb   |
| Molybdenum | 94-1  | 250.05  | 249.56  | 245.87  | 248.49     | 0.92    | ppb   |
| Molybdenum | 95-1  | 249.69  | 249.68  | 247.01  | 248.79     | 0.62    | ppb   |
| Molybdenum | 96-1  | 244.81  | 248.42  | 243.94  | 245.72     | 0.97    | ppb   |
| Molybdenum | 97-1  | 242.38  | 247.98  | 242.26  | 244.21     | 1.34    | ppb   |
| Molybdenum | 98-1  | 247.71  | 256.10  | 246.31  | 250.04     | 2.12    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 52.75   | 56.10   | 53.98   | 54.28      | 3.12    | ppb   |
| Phosphorus | 31-2  | 939.88  | 905.42  | 1131.31 | 992.20     | 12.27   | ppb   |
| Potassium  | 39-2  | 2544.20 | 2839.60 | 2686.15 | 2689.98    | 5.49    | ppb   |
| Rhodium    | 103-1 |         |         |         | 101        |         | %     |
| Rhodium    | 103-2 |         |         |         | 97         |         | %     |
| Scandium   | 45-1  |         |         |         | 101        |         | %     |
| Scandium   | 45-2  |         |         |         | 97         |         | %     |
| Selenium   | 77-2  | 72.29   | 50.69   | 55.01   | 59.33      | 19.26   | ppb   |
| Selenium   | 78-2  | 62.61   | 63.15   | 49.16   | 58.31      | 13.59   | ppb   |
| Selenium   | 82-1  | 51.90   | 50.11   | 51.55   | 51.19      | 1.85    | ppb   |
| Silicon    | 28-1  | 63.00   | 62.04   | 63.54   | 62.86      | 1.20    | ppb   |
| Silver     | 109-1 | 53.15   | 53.46   | 52.87   | 53.16      | 0.56    | ppb   |
| Silver     | 107-1 | 53.22   | 53.84   | 52.61   | 53.22      | 1.16    | ppb   |
| Sodium     | 23-2  | 5236.00 | 5689.42 | 5353.21 | 5426.21    | 4.34    | ppb   |
| Strontium  | 86-1  | 50.39   | 49.50   | 48.88   | 49.59      | 1.54    | ppb   |
| Strontium  | 88-1  | 50.65   | 51.45   | 50.48   | 50.86      | 1.02    | ppb   |
| Sulfur     | 34-1  | 1502.67 | 1419.75 | 1409.63 | 1444.02    | 3.54    | ppb   |
| Terbium    | 159-1 |         |         |         | 102        |         | %     |
| Terbium    | 159-2 |         |         |         | 97         |         | %     |
| Thallium   | 203-1 | 48.77   | 49.24   | 48.81   | 48.94      | 0.54    | ppb   |
| Thallium   | 205-1 | 49.78   | 50.11   | 49.38   | 49.76      | 0.74    | ppb   |
| Tin        | 118-1 | 51.78   | 52.26   | 51.44   | 51.83      | 0.79    | ppb   |
| Titanium   | 47-1  | 249.30  | 249.11  | 252.33  | 250.25     | 0.72    | ppb   |
| Uranium    | 238-1 | 47.85   | 48.01   | 48.04   | 47.96      | 0.22    | ppb   |
| Vanadium   | 51-2  | 51.40   | 54.20   | 52.07   | 52.56      | 2.78    | ppb   |
| Yttrium    | 89-1  |         |         |         | 103        |         | %     |
| Yttrium    | 89-2  |         |         |         | 98         |         | %     |
| Zinc       | 66-2  | 104.75  | 112.79  | 106.45  | 108.00     | 3.93    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S03                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 13:46:26 | DataFile Name :   | 006CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 49.54   | 49.74   | 48.93   | 49.40      | 0.86    | ppb   |
| Zirconium | 91-1 | 48.61   | 49.19   | 48.25   | 48.68      | 0.97    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB98345             | Operator :        | Jaswal     |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S04                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-10-03 13:50:09 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 2502.33  | 2403.39  | 2623.01  | 2509.57    | 4.38    | ppb   |
| Antimony   | 121-1 | 128.13   | 128.68   | 127.41   | 128.07     | 0.50    | ppb   |
| Arsenic    | 75-2  | 128.50   | 124.32   | 129.72   | 127.51     | 2.22    | ppb   |
| Barium     | 135-1 | 647.76   | 639.32   | 639.81   | 642.30     | 0.74    | ppb   |
| Barium     | 137-1 | 654.28   | 644.35   | 640.31   | 646.31     | 1.11    | ppb   |
| Beryllium  | 9-1   | 127.23   | 126.35   | 129.11   | 127.57     | 1.10    | ppb   |
| Bismuth    | 209-1 |          |          |          | 102        |         | %     |
| Bismuth    | 209-2 |          |          |          | 99         |         | %     |
| Boron      | 10-1  | 125.73   | 124.65   | 129.31   | 126.57     | 1.93    | ppb   |
| Boron      | 11-1  | 125.02   | 123.24   | 128.82   | 125.69     | 2.27    | ppb   |
| Cadmium    | 111-1 | 129.56   | 129.60   | 128.50   | 129.22     | 0.48    | ppb   |
| Cadmium    | 106-1 | 132.47   | 130.87   | 132.82   | 132.05     | 0.79    | ppb   |
| Cadmium    | 108-1 | 130.10   | 134.30   | 128.33   | 130.91     | 2.34    | ppb   |
| Calcium    | 43-1  | 12517.93 | 12269.32 | 12607.04 | 12464.76   | 1.40    | ppb   |
| Calcium    | 44-1  | 12473.97 | 12431.59 | 12449.53 | 12451.70   | 0.17    | ppb   |
| Chromium   | 52-2  | 127.22   | 124.19   | 132.18   | 127.86     | 3.15    | ppb   |
| Cobalt     | 59-2  | 127.57   | 124.45   | 131.00   | 127.67     | 2.57    | ppb   |
| Copper     | 63-2  | 255.45   | 249.20   | 265.59   | 256.75     | 3.22    | 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 |          |          |          | 104        |         | %     |
| Holmium    | 165-2 |          |          |          | 100        |         | %     |
| Indium     | 115-1 |          |          |          | 101        |         | %     |
| Indium     | 115-2 |          |          |          | 98         |         | %     |
| Iron       | 56-2  | 6566.95  | 6463.38  | 6820.88  | 6617.07    | 2.78    | ppb   |
| Iron       | 57-2  | 6439.64  | 6352.73  | 6728.32  | 6506.90    | 3.02    | ppb   |
| Krypton    | 83-1  | -787.96  | -476.27  | 3909.87  | 881.88     | 297.88  | ppb   |
| Lead       | 206-1 | 123.74   | 124.22   | 123.36   | 123.78     | 0.35    | ppb   |
| Lead       | 207-1 | 122.72   | 122.47   | 121.98   | 122.39     | 0.30    | ppb   |
| Lead       | 208-1 | 123.72   | 123.88   | 123.42   | 123.68     | 0.19    | ppb   |
| Lithium    | 6-1   |          |          |          | 102        |         | %     |
| Magnesium  | 24-2  | 13119.83 | 12811.36 | 13612.29 | 13181.16   | 3.06    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB98345             | Operator :        | Jaswal     |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S04                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-10-03 13:50:09 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 255.50   | 252.25   | 265.71   | 257.82     | 2.72    | ppb   |
| Molybdenum | 94-1  | 638.33   | 632.77   | 644.14   | 638.41     | 0.89    | ppb   |
| Molybdenum | 95-1  | 638.87   | 630.96   | 628.41   | 632.75     | 0.86    | ppb   |
| Molybdenum | 96-1  | 645.69   | 619.23   | 639.42   | 634.78     | 2.18    | ppb   |
| Molybdenum | 97-1  | 643.86   | 618.02   | 624.72   | 628.87     | 2.13    | ppb   |
| Molybdenum | 98-1  | 637.71   | 616.32   | 616.77   | 623.60     | 1.96    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 128.59   | 126.05   | 133.93   | 129.52     | 3.11    | ppb   |
| Phosphorus | 31-2  | 2992.05  | 2644.95  | 2880.15  | 2839.05    | 6.24    | ppb   |
| Potassium  | 39-2  | 6420.83  | 6281.06  | 6632.65  | 6444.85    | 2.75    | ppb   |
| Rhodium    | 103-1 |          |          |          | 100        |         | %     |
| Rhodium    | 103-2 |          |          |          | 97         |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 97         |         | %     |
| Selenium   | 77-2  | 136.52   | 121.31   | 142.06   | 133.30     | 8.06    | ppb   |
| Selenium   | 78-2  | 130.87   | 124.20   | 130.78   | 128.62     | 2.97    | ppb   |
| Selenium   | 82-1  | 129.05   | 129.30   | 127.88   | 128.74     | 0.59    | ppb   |
| Silicon    | 28-1  | 154.50   | 151.44   | 154.60   | 153.51     | 1.17    | ppb   |
| Silver     | 109-1 | 131.03   | 130.35   | 131.05   | 130.81     | 0.31    | ppb   |
| Silver     | 107-1 | 129.64   | 130.29   | 129.67   | 129.86     | 0.28    | ppb   |
| Sodium     | 23-2  | 13170.75 | 13033.96 | 13536.22 | 13246.98   | 1.96    | ppb   |
| Strontium  | 86-1  | 125.60   | 123.82   | 122.85   | 124.09     | 1.12    | ppb   |
| Strontium  | 88-1  | 129.46   | 128.60   | 127.08   | 128.38     | 0.94    | ppb   |
| Sulfur     | 34-1  | 3298.99  | 2861.87  | 3144.06  | 3101.64    | 7.15    | ppb   |
| Terbium    | 159-1 |          |          |          | 104        |         | %     |
| Terbium    | 159-2 |          |          |          | 99         |         | %     |
| Thallium   | 203-1 | 124.62   | 125.39   | 123.32   | 124.44     | 0.84    | ppb   |
| Thallium   | 205-1 | 125.43   | 128.73   | 127.83   | 127.33     | 1.34    | ppb   |
| Tin        | 118-1 | 129.74   | 128.40   | 127.51   | 128.55     | 0.87    | ppb   |
| Titanium   | 47-1  | 638.56   | 628.20   | 635.61   | 634.12     | 0.84    | ppb   |
| Uranium    | 238-1 | 124.72   | 123.52   | 125.22   | 124.49     | 0.70    | ppb   |
| Vanadium   | 51-2  | 127.58   | 123.48   | 130.70   | 127.25     | 2.84    | ppb   |
| Yttrium    | 89-1  |          |          |          | 102        |         | %     |
| Yttrium    | 89-2  |          |          |          | 99         |         | %     |
| Zinc       | 66-2  | 258.54   | 250.17   | 263.44   | 257.38     | 2.61    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S04                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 13:50:09 | DataFile Name :   | 007CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 126.76  | 126.47  | 128.06  | 127.10     | 0.67    | ppb   |
| Zirconium | 91-1 | 124.74  | 121.77  | 121.44  | 122.65     | 1.48    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB98345             | Operator :        | Jaswal     |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S05                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-10-03 13:53:44 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 4876.35  | 4903.16  | 4965.30  | 4914.94    | 0.93    | ppb   |
| Antimony   | 121-1 | 265.71   | 280.52   | 258.79   | 268.34     | 4.14    | ppb   |
| Arsenic    | 75-2  | 251.13   | 252.23   | 250.21   | 251.19     | 0.40    | ppb   |
| Barium     | 135-1 | 1325.28  | 1418.55  | 1286.10  | 1343.31    | 5.07    | ppb   |
| Barium     | 137-1 | 1319.70  | 1397.08  | 1294.85  | 1337.21    | 3.99    | ppb   |
| Beryllium  | 9-1   | 253.01   | 272.36   | 253.73   | 259.70     | 4.22    | ppb   |
| Bismuth    | 209-1 |          |          |          | 100        |         | %     |
| Bismuth    | 209-2 |          |          |          | 99         |         | %     |
| Boron      | 10-1  | 246.78   | 264.61   | 254.14   | 255.18     | 3.51    | ppb   |
| Boron      | 11-1  | 248.53   | 266.99   | 249.04   | 254.85     | 4.12    | ppb   |
| Cadmium    | 111-1 | 259.84   | 278.74   | 256.29   | 264.96     | 4.55    | ppb   |
| Cadmium    | 106-1 | 272.67   | 281.82   | 267.32   | 273.94     | 2.68    | ppb   |
| Cadmium    | 108-1 | 263.16   | 287.10   | 260.98   | 270.41     | 5.36    | ppb   |
| Calcium    | 43-1  | 25400.11 | 26999.58 | 24717.52 | 25705.74   | 4.56    | ppb   |
| Calcium    | 44-1  | 25335.43 | 27083.43 | 24786.94 | 25735.27   | 4.66    | ppb   |
| Chromium   | 52-2  | 249.82   | 250.72   | 247.31   | 249.28     | 0.71    | ppb   |
| Cobalt     | 59-2  | 249.17   | 249.18   | 245.81   | 248.05     | 0.78    | ppb   |
| Copper     | 63-2  | 503.53   | 504.86   | 498.98   | 502.46     | 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 |          |          |          | 101        |         | %     |
| Holmium    | 165-2 |          |          |          | 100        |         | %     |
| Indium     | 115-1 |          |          |          | 97         |         | %     |
| Indium     | 115-2 |          |          |          | 96         |         | %     |
| Iron       | 56-2  | 12884.70 | 12869.46 | 12656.36 | 12803.51   | 1.00    | ppb   |
| Iron       | 57-2  | 12692.39 | 12723.50 | 12541.14 | 12652.35   | 0.77    | ppb   |
| Krypton    | 83-1  | 994.98   | -2555.63 | -1488.02 | -1016.22   |         | ppb   |
| Lead       | 206-1 | 252.52   | 275.64   | 251.75   | 259.97     | 5.22    | ppb   |
| Lead       | 207-1 | 249.28   | 270.48   | 247.67   | 255.81     | 4.98    | ppb   |
| Lead       | 208-1 | 253.89   | 275.90   | 253.72   | 261.17     | 4.88    | ppb   |
| Lithium    | 6-1   |          |          |          | 99         |         | %     |
| Magnesium  | 24-2  | 25813.63 | 25690.02 | 25397.35 | 25633.66   | 0.83    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB98345             | Operator :        | Jaswal     |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S05                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-10-03 13:53:44 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 500.99   | 500.26   | 499.04   | 500.09     | 0.20    | ppb   |
| Molybdenum | 94-1  | 1285.04  | 1377.93  | 1266.46  | 1309.81    | 4.56    | ppb   |
| Molybdenum | 95-1  | 1277.56  | 1360.47  | 1266.23  | 1301.42    | 3.95    | ppb   |
| Molybdenum | 96-1  | 1282.82  | 1363.86  | 1264.08  | 1303.59    | 4.07    | ppb   |
| Molybdenum | 97-1  | 1292.87  | 1396.17  | 1266.69  | 1318.57    | 5.19    | ppb   |
| Molybdenum | 98-1  | 1271.15  | 1364.97  | 1253.22  | 1296.45    | 4.63    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 254.00   | 253.42   | 249.62   | 252.35     | 0.94    | ppb   |
| Phosphorus | 31-2  | 4989.14  | 5035.23  | 5496.11  | 5173.49    | 5.42    | ppb   |
| Potassium  | 39-2  | 12462.58 | 12640.66 | 12256.67 | 12453.30   | 1.54    | ppb   |
| Rhodium    | 103-1 |          |          |          | 97         |         | %     |
| Rhodium    | 103-2 |          |          |          | 96         |         | %     |
| Scandium   | 45-1  |          |          |          | 95         |         | %     |
| Scandium   | 45-2  |          |          |          | 96         |         | %     |
| Selenium   | 77-2  | 254.70   | 196.27   | 318.05   | 256.34     | 23.76   | ppb   |
| Selenium   | 78-2  | 263.88   | 252.33   | 244.65   | 253.62     | 3.82    | ppb   |
| Selenium   | 82-1  | 262.14   | 279.89   | 253.51   | 265.18     | 5.07    | ppb   |
| Silicon    | 28-1  | 286.40   | 305.16   | 274.07   | 288.55     | 5.43    | ppb   |
| Silver     | 109-1 | 269.65   | 287.99   | 264.06   | 273.90     | 4.57    | ppb   |
| Silver     | 107-1 | 269.82   | 290.63   | 264.42   | 274.96     | 5.03    | ppb   |
| Sodium     | 23-2  | 25681.09 | 25835.24 | 25187.76 | 25568.03   | 1.32    | ppb   |
| Strontium  | 86-1  | 251.96   | 269.12   | 248.94   | 256.67     | 4.24    | ppb   |
| Strontium  | 88-1  | 257.10   | 274.72   | 253.58   | 261.80     | 4.33    | ppb   |
| Sulfur     | 34-1  | 6415.03  | 7877.08  | 5896.79  | 6729.63    | 15.26   | ppb   |
| Terbium    | 159-1 |          |          |          | 101        |         | %     |
| Terbium    | 159-2 |          |          |          | 99         |         | %     |
| Thallium   | 203-1 | 251.14   | 275.98   | 254.43   | 260.52     | 5.18    | ppb   |
| Thallium   | 205-1 | 255.67   | 279.54   | 255.40   | 263.54     | 5.26    | ppb   |
| Tin        | 118-1 | 261.85   | 279.27   | 255.21   | 265.45     | 4.68    | ppb   |
| Titanium   | 47-1  | 1301.79  | 1399.64  | 1263.20  | 1321.54    | 5.32    | ppb   |
| Uranium    | 238-1 | 253.89   | 270.45   | 253.60   | 259.31     | 3.72    | ppb   |
| Vanadium   | 51-2  | 247.77   | 249.50   | 247.75   | 248.34     | 0.40    | ppb   |
| Yttrium    | 89-1  |          |          |          | 99         |         | %     |
| Yttrium    | 89-2  |          |          |          | 97         |         | %     |
| Zinc       | 66-2  | 503.19   | 502.77   | 504.39   | 503.45     | 0.17    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S05                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 13:53:44 | DataFile Name :   | 008CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 257.77  | 276.44  | 255.11  | 263.11     | 4.42    | ppb   |
| Zirconium | 91-1 | 252.64  | 270.50  | 248.35  | 257.17     | 4.57    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB98345             | Operator :        | Jaswal     |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S06                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-10-03 13:57:15 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9668.39  | 9540.56  | 9740.26  | 9649.74    | 1.05    | ppb   |
| Antimony   | 121-1 | 513.48   | 497.40   | 501.93   | 504.27     | 1.64    | ppb   |
| Arsenic    | 75-2  | 505.93   | 492.98   | 499.30   | 499.40     | 1.30    | ppb   |
| Barium     | 135-1 | 2586.31  | 2473.66  | 2497.93  | 2519.30    | 2.35    | ppb   |
| Barium     | 137-1 | 2559.99  | 2452.31  | 2471.70  | 2494.67    | 2.30    | ppb   |
| Beryllium  | 9-1   | 500.51   | 478.41   | 487.29   | 488.74     | 2.27    | ppb   |
| Bismuth    | 209-1 |          |          |          | 106        |         | %     |
| Bismuth    | 209-2 |          |          |          | 99         |         | %     |
| Boron      | 10-1  | 490.81   | 483.41   | 497.06   | 490.43     | 1.39    | ppb   |
| Boron      | 11-1  | 491.50   | 479.65   | 485.64   | 485.60     | 1.22    | ppb   |
| Cadmium    | 111-1 | 511.95   | 492.65   | 493.00   | 499.20     | 2.21    | ppb   |
| Cadmium    | 106-1 | 521.73   | 500.70   | 492.01   | 504.81     | 3.03    | ppb   |
| Cadmium    | 108-1 | 512.87   | 501.58   | 501.61   | 505.35     | 1.29    | ppb   |
| Calcium    | 43-1  | 51377.07 | 48464.30 | 48576.64 | 49472.67   | 3.34    | ppb   |
| Calcium    | 44-1  | 50750.51 | 48120.07 | 48136.05 | 49002.21   | 3.09    | ppb   |
| Chromium   | 52-2  | 493.56   | 486.84   | 492.81   | 491.07     | 0.75    | ppb   |
| Cobalt     | 59-2  | 488.14   | 484.90   | 494.56   | 489.20     | 1.00    | ppb   |
| Copper     | 63-2  | 1004.67  | 998.09   | 999.33   | 1000.70    | 0.35    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 106        |         | %     |
| Holmium    | 165-2 |          |          |          | 101        |         | %     |
| Indium     | 115-1 |          |          |          | 101        |         | %     |
| Indium     | 115-2 |          |          |          | 95         |         | %     |
| Iron       | 56-2  | 25336.60 | 24970.59 | 25379.84 | 25229.01   | 0.89    | ppb   |
| Iron       | 57-2  | 25007.46 | 24987.38 | 25296.92 | 25097.25   | 0.69    | ppb   |
| Krypton    | 83-1  | 2527.13  | 7918.93  | -4936.76 | 1836.43    | 351.53  | ppb   |
| Lead       | 206-1 | 521.30   | 494.17   | 488.90   | 501.46     | 3.47    | ppb   |
| Lead       | 207-1 | 512.07   | 494.33   | 493.78   | 500.06     | 2.08    | ppb   |
| Lead       | 208-1 | 517.31   | 494.38   | 493.50   | 501.73     | 2.69    | ppb   |
| Lithium    | 6-1   |          |          |          | 102        |         | %     |
| Magnesium  | 24-2  | 51377.36 | 50910.30 | 51353.58 | 51213.75   | 0.51    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB98345             | Operator :        | Jaswal     |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S06                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-10-03 13:57:15 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 990.43   | 977.00   | 993.74   | 987.06     | 0.90    | ppb   |
| Molybdenum | 94-1  | 2548.63  | 2446.93  | 2455.39  | 2483.65    | 2.27    | ppb   |
| Molybdenum | 95-1  | 2529.25  | 2431.49  | 2444.60  | 2468.45    | 2.15    | ppb   |
| Molybdenum | 96-1  | 2553.72  | 2437.05  | 2437.30  | 2476.02    | 2.72    | ppb   |
| Molybdenum | 97-1  | 2550.88  | 2435.61  | 2460.84  | 2482.44    | 2.44    | ppb   |
| Molybdenum | 98-1  | 2550.41  | 2425.21  | 2460.09  | 2478.57    | 2.61    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 496.98   | 492.60   | 499.60   | 496.39     | 0.71    | ppb   |
| Phosphorus | 31-2  | 9520.67  | 9678.82  | 10756.11 | 9985.20    | 6.73    | ppb   |
| Potassium  | 39-2  | 24375.92 | 24104.14 | 24634.92 | 24371.66   | 1.09    | ppb   |
| Rhodium    | 103-1 |          |          |          | 100        |         | %     |
| Rhodium    | 103-2 |          |          |          | 95         |         | %     |
| Scandium   | 45-1  |          |          |          | 98         |         | %     |
| Scandium   | 45-2  |          |          |          | 95         |         | %     |
| Selenium   | 77-2  | 496.94   | 461.60   | 565.91   | 508.15     | 10.44   | ppb   |
| Selenium   | 78-2  | 552.35   | 514.54   | 480.50   | 515.80     | 6.97    | ppb   |
| Selenium   | 82-1  | 513.67   | 492.43   | 495.70   | 500.60     | 2.28    | ppb   |
| Silicon    | 28-1  | 534.02   | 513.63   | 501.78   | 516.48     | 3.16    | ppb   |
| Silver     | 109-1 | 518.87   | 502.53   | 501.54   | 507.65     | 1.92    | ppb   |
| Silver     | 107-1 | 515.18   | 503.83   | 505.26   | 508.09     | 1.22    | ppb   |
| Sodium     | 23-2  | 49591.49 | 49336.30 | 49221.82 | 49383.21   | 0.38    | ppb   |
| Strontium  | 86-1  | 503.79   | 486.67   | 489.38   | 493.28     | 1.86    | ppb   |
| Strontium  | 88-1  | 506.41   | 491.96   | 495.51   | 497.96     | 1.51    | ppb   |
| Sulfur     | 34-1  | 12492.51 | 11221.46 | 11095.85 | 11603.27   | 6.66    | ppb   |
| Terbium    | 159-1 |          |          |          | 107        |         | %     |
| Terbium    | 159-2 |          |          |          | 100        |         | %     |
| Thallium   | 203-1 | 517.46   | 493.04   | 496.36   | 502.29     | 2.64    | ppb   |
| Thallium   | 205-1 | 513.23   | 489.48   | 487.96   | 496.89     | 2.85    | ppb   |
| Tin        | 118-1 | 518.02   | 496.57   | 502.53   | 505.71     | 2.19    | ppb   |
| Titanium   | 47-1  | 2603.89  | 2474.57  | 2446.14  | 2508.20    | 3.35    | ppb   |
| Uranium    | 238-1 | 513.03   | 487.45   | 488.44   | 496.31     | 2.92    | ppb   |
| Vanadium   | 51-2  | 492.85   | 489.65   | 491.47   | 491.33     | 0.33    | ppb   |
| Yttrium    | 89-1  |          |          |          | 103        |         | %     |
| Yttrium    | 89-2  |          |          |          | 96         |         | %     |
| Zinc       | 66-2  | 999.87   | 998.67   | 1003.63  | 1000.72    | 0.26    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S06                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 13:57:15 | DataFile Name :   | 009CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 505.45  | 493.75  | 490.22  | 496.47     | 1.61    | ppb   |
| Zirconium | 91-1 | 514.21  | 501.31  | 491.35  | 502.29     | 2.28    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB98345             | Operator :        | Jaswal     |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S07                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-10-03 14:00:42 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 19209.42  | 19944.99  | 19595.59  | 19583.34   | 1.88    | ppb   |
| Antimony   | 121-1 | 989.51    | 1010.34   | 978.62    | 992.82     | 1.62    | ppb   |
| Arsenic    | 75-2  | 982.37    | 1030.68   | 985.54    | 999.53     | 2.70    | ppb   |
| Barium     | 135-1 | 5006.95   | 5025.90   | 4860.46   | 4964.43    | 1.82    | ppb   |
| Barium     | 137-1 | 5024.36   | 5018.37   | 4890.93   | 4977.89    | 1.51    | ppb   |
| Beryllium  | 9-1   | 1002.17   | 1021.31   | 984.94    | 1002.81    | 1.81    | ppb   |
| Bismuth    | 209-1 |           |           |           | 105        |         | %     |
| Bismuth    | 209-2 |           |           |           | 94         |         | %     |
| Boron      | 10-1  | 997.80    | 1022.86   | 989.10    | 1003.25    | 1.75    | ppb   |
| Boron      | 11-1  | 998.17    | 1019.26   | 1000.57   | 1006.00    | 1.15    | ppb   |
| Cadmium    | 111-1 | 998.43    | 1009.22   | 980.40    | 996.02     | 1.46    | ppb   |
| Cadmium    | 106-1 | 983.48    | 1009.84   | 978.20    | 990.51     | 1.71    | ppb   |
| Cadmium    | 108-1 | 989.06    | 998.34    | 986.40    | 991.27     | 0.63    | ppb   |
| Calcium    | 43-1  | 98807.46  | 103873.91 | 98481.99  | 100387.78  | 3.01    | ppb   |
| Calcium    | 44-1  | 97501.87  | 102500.94 | 96724.00  | 98908.94   | 3.17    | ppb   |
| Chromium   | 52-2  | 981.11    | 1024.97   | 1006.26   | 1004.11    | 2.19    | ppb   |
| Cobalt     | 59-2  | 977.39    | 1022.46   | 1016.39   | 1005.41    | 2.43    | ppb   |
| Copper     | 63-2  | 1965.56   | 2027.69   | 2000.42   | 1997.89    | 1.56    | 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 |           |           |           | 99         |         | %     |
| Indium     | 115-2 |           |           |           | 89         |         | %     |
| Iron       | 56-2  | 50167.97  | 52217.59  | 51269.57  | 51218.37   | 2.00    | ppb   |
| Iron       | 57-2  | 49945.72  | 52087.92  | 51485.60  | 51173.08   | 2.16    | ppb   |
| Krypton    | 83-1  | 886.86    | 242.72    | 522.75    | 550.78     | 58.64   | ppb   |
| Lead       | 206-1 | 982.46    | 1023.29   | 985.18    | 996.98     | 2.29    | ppb   |
| Lead       | 207-1 | 982.76    | 1020.53   | 993.47    | 998.92     | 1.95    | ppb   |
| Lead       | 208-1 | 978.93    | 1020.53   | 990.23    | 996.56     | 2.16    | ppb   |
| Lithium    | 6-1   |           |           |           | 97         |         | %     |
| Magnesium  | 24-2  | 100667.70 | 104366.65 | 102121.26 | 102385.20  | 1.82    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB98345             | Operator :        | Jaswal     |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S07                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-10-03 14:00:42 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 1967.64  | 2035.84   | 2011.87   | 2005.12    | 1.73    | ppb   |
| Molybdenum | 94-1  | 4940.86  | 5075.74   | 4958.26   | 4991.62    | 1.47    | ppb   |
| Molybdenum | 95-1  | 4920.11  | 5105.60   | 4980.32   | 5002.01    | 1.89    | ppb   |
| Molybdenum | 96-1  | 4950.61  | 5073.86   | 4968.28   | 4997.58    | 1.33    | ppb   |
| Molybdenum | 97-1  | 4955.75  | 5068.74   | 4949.84   | 4991.44    | 1.34    | ppb   |
| Molybdenum | 98-1  | 4994.03  | 5076.47   | 4927.33   | 4999.28    | 1.49    | ppb   |
| Neodymium  | 150-1 |          |           |           |            |         | cps   |
| Neodymium  | 150-2 |          |           |           |            |         | cps   |
| Nickel     | 60-2  | 974.44   | 1017.83   | 1009.04   | 1000.44    | 2.29    | ppb   |
| Phosphorus | 31-2  | 19391.70 | 20179.92  | 20194.47  | 19922.03   | 2.31    | ppb   |
| Potassium  | 39-2  | 48664.09 | 50282.03  | 49757.54  | 49567.89   | 1.67    | ppb   |
| Rhodium    | 103-1 |          |           |           | 98         |         | %     |
| Rhodium    | 103-2 |          |           |           | 92         |         | %     |
| Scandium   | 45-1  |          |           |           | 97         |         | %     |
| Scandium   | 45-2  |          |           |           | 91         |         | %     |
| Selenium   | 77-2  | 989.49   | 976.07    | 1012.98   | 992.85     | 1.88    | ppb   |
| Selenium   | 78-2  | 975.50   | 1027.18   | 968.29    | 990.32     | 3.24    | ppb   |
| Selenium   | 82-1  | 998.27   | 1005.00   | 982.86    | 995.38     | 1.14    | ppb   |
| Silicon    | 28-1  | 964.36   | 1009.73   | 959.35    | 977.81     | 2.84    | ppb   |
| Silver     | 109-1 | 988.70   | 1008.18   | 971.08    | 989.32     | 1.88    | ppb   |
| Silver     | 107-1 | 1000.61  | 999.73    | 966.49    | 988.95     | 1.97    | ppb   |
| Sodium     | 23-2  | 97755.37 | 102541.95 | 100444.71 | 100247.34  | 2.39    | ppb   |
| Strontium  | 86-1  | 1000.35  | 1019.00   | 986.13    | 1001.83    | 1.65    | ppb   |
| Strontium  | 88-1  | 993.10   | 1009.85   | 989.88    | 997.61     | 1.07    | ppb   |
| Sulfur     | 34-1  | 18092.67 | 19928.87  | 17984.12  | 18668.55   | 5.85    | ppb   |
| Terbium    | 159-1 |          |           |           | 107        |         | %     |
| Terbium    | 159-2 |          |           |           | 97         |         | %     |
| Thallium   | 203-1 | 975.53   | 1023.06   | 990.46    | 996.35     | 2.44    | ppb   |
| Thallium   | 205-1 | 980.48   | 1024.63   | 988.56    | 997.89     | 2.36    | ppb   |
| Tin        | 118-1 | 988.44   | 1007.69   | 982.11    | 992.75     | 1.34    | ppb   |
| Titanium   | 47-1  | 4884.88  | 5202.50   | 4843.19   | 4976.86    | 3.95    | ppb   |
| Uranium    | 238-1 | 977.49   | 1029.35   | 992.21    | 999.68     | 2.67    | ppb   |
| Vanadium   | 51-2  | 983.71   | 1022.58   | 1006.74   | 1004.34    | 1.95    | ppb   |
| Yttrium    | 89-1  |          |           |           | 102        |         | %     |
| Yttrium    | 89-2  |          |           |           | 93         |         | %     |
| Zinc       | 66-2  | 1953.47  | 2035.16   | 2003.73   | 1997.45    | 2.06    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S07                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 14:00:42 | DataFile Name :   | 010CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 991.32  | 1014.13 | 989.32  | 998.25     | 1.38    | ppb   |
| Zirconium | 91-1 | 989.61  | 1003.02 | 999.64  | 997.42     | 0.70    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB98345             | Operator :        | Jaswal     |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S08                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-10-03 14:04:02 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 100830.17 | 100018.20 | 99517.01  | 100121.79  | 0.66    | ppb   |
| Antimony   | 121-1 | 2.75      | 2.80      | 2.68      | 2.74       | 2.19    | ppb   |
| Arsenic    | 75-2  | 1.82      | 1.51      | 1.54      | 1.62       | 10.52   | ppb   |
| Barium     | 135-1 | 1.64      | 1.57      | 1.67      | 1.63       | 3.13    | ppb   |
| Barium     | 137-1 | 1.45      | 1.45      | 1.38      | 1.43       | 2.74    | ppb   |
| Beryllium  | 9-1   | 0.56      | 0.57      | 0.52      | 0.55       | 4.65    | ppb   |
| Bismuth    | 209-1 |           |           |           | 95         |         | %     |
| Bismuth    | 209-2 |           |           |           | 87         |         | %     |
| Boron      | 10-1  | 24.18     | 21.09     | 19.59     | 21.62      | 10.82   | ppb   |
| Boron      | 11-1  | 24.46     | 22.05     | 19.47     | 21.99      | 11.34   | ppb   |
| Cadmium    | 111-1 | 0.14      | 0.21      | 0.11      | 0.16       | 30.99   | ppb   |
| Cadmium    | 106-1 | 0.10      | 0.51      | -0.27     | 0.11       | 344.14  | ppb   |
| Cadmium    | 108-1 | 0.20      | 0.11      | 0.33      | 0.21       | 51.04   | ppb   |
| Calcium    | 43-1  | 502013.34 | 496811.22 | 500999.89 | 499941.48  | 0.55    | ppb   |
| Calcium    | 44-1  | 499611.37 | 499734.09 | 501500.69 | 500282.05  | 0.21    | ppb   |
| Chromium   | 52-2  | 45.49     | 45.82     | 44.70     | 45.34      | 1.27    | ppb   |
| Cobalt     | 59-2  | 12.71     | 12.22     | 11.96     | 12.30      | 3.07    | ppb   |
| Copper     | 63-2  | 4.15      | 4.27      | 4.02      | 4.15       | 2.99    | 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 |           |           |           | 98         |         | %     |
| Indium     | 115-1 |           |           |           | 95         |         | %     |
| Indium     | 115-2 |           |           |           | 91         |         | %     |
| Iron       | 56-2  | 251405.59 | 251543.94 | 246170.32 | 249706.62  | 1.23    | ppb   |
| Iron       | 57-2  | 252331.83 | 249634.18 | 247254.18 | 249740.06  | 1.02    | ppb   |
| Krypton    | 83-1  | -4590.54  | 3819.98   | 3280.50   | 836.65     | 562.70  | ppb   |
| Lead       | 206-1 | 1.11      | 1.04      | 1.02      | 1.06       | 4.72    | ppb   |
| Lead       | 207-1 | 1.03      | 0.95      | 0.94      | 0.97       | 5.37    | ppb   |
| Lead       | 208-1 | 1.03      | 1.00      | 0.99      | 1.01       | 2.17    | ppb   |
| Lithium    | 6-1   |           |           |           | 93         |         | %     |
| Magnesium  | 24-2  | 500133.96 | 500018.11 | 497890.80 | 499347.62  | 0.25    | ppb   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB98345             | Operator :        | Jaswal     |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S08                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-10-03 14:04:02 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 11.54     | 11.37     | 12.08     | 11.66      | 3.17    | ppb   |
| Molybdenum | 94-1  | 6.24      | 6.11      | 5.72      | 6.02       | 4.50    | ppb   |
| Molybdenum | 95-1  | 7.91      | 7.87      | 7.86      | 7.88       | 0.36    | ppb   |
| Molybdenum | 96-1  | 8.19      | 7.60      | 8.09      | 7.96       | 3.98    | ppb   |
| Molybdenum | 97-1  | 8.36      | 7.85      | 7.86      | 8.02       | 3.63    | ppb   |
| Molybdenum | 98-1  | 8.00      | 7.72      | 7.66      | 7.79       | 2.38    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 35.83     | 34.98     | 35.36     | 35.39      | 1.20    | ppb   |
| Phosphorus | 31-2  | -12.65    | 50.49     | 2.91      | 13.58      | 242.21  | ppb   |
| Potassium  | 39-2  | 251809.63 | 250738.41 | 247886.40 | 250144.82  | 0.81    | ppb   |
| Rhodium    | 103-1 |           |           |           | 91         |         | %     |
| Rhodium    | 103-2 |           |           |           | 88         |         | %     |
| Scandium   | 45-1  |           |           |           | 94         |         | %     |
| Scandium   | 45-2  |           |           |           | 92         |         | %     |
| Selenium   | 77-2  | 0.00      | 0.00      | 0.00      | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 1.31      | 0.67      | 0.04      | 0.67       | 94.90   | ppb   |
| Selenium   | 82-1  | 1.09      | 1.05      | 1.42      | 1.19       | 17.18   | ppb   |
| Silicon    | 28-1  | 43.61     | 45.54     | 48.66     | 45.94      | 5.55    | ppb   |
| Silver     | 109-1 | 0.14      | 0.11      | 0.11      | 0.12       | 14.27   | ppb   |
| Silver     | 107-1 | 0.12      | 0.10      | 0.11      | 0.11       | 7.28    | ppb   |
| Sodium     | 23-2  | 502911.86 | 499904.88 | 497065.88 | 499960.87  | 0.58    | ppb   |
| Strontium  | 86-1  | 4.36      | 4.14      | 4.29      | 4.26       | 2.63    | ppb   |
| Strontium  | 88-1  | 4.64      | 4.58      | 4.56      | 4.59       | 0.92    | ppb   |
| Sulfur     | 34-1  | -1078.33  | -1033.54  | -911.23   | -1007.70   |         | ppb   |
| Terbium    | 159-1 |           |           |           | 102        |         | %     |
| Terbium    | 159-2 |           |           |           | 96         |         | %     |
| Thallium   | 203-1 | 0.52      | 0.54      | 0.49      | 0.52       | 4.48    | ppb   |
| Thallium   | 205-1 | 0.53      | 0.51      | 0.44      | 0.49       | 9.27    | ppb   |
| Tin        | 118-1 | 1.28      | 1.20      | 1.23      | 1.24       | 3.30    | ppb   |
| Titanium   | 47-1  | 0.97      | 1.00      | 1.09      | 1.02       | 6.17    | ppb   |
| Uranium    | 238-1 | 0.19      | 0.18      | 0.17      | 0.18       | 5.89    | ppb   |
| Vanadium   | 51-2  | 0.58      | 0.52      | 0.58      | 0.56       | 6.03    | ppb   |
| Yttrium    | 89-1  |           |           |           | 98         |         | %     |
| Yttrium    | 89-2  |           |           |           | 94         |         | %     |
| Zinc       | 66-2  | 11.34     | 11.50     | 11.58     | 11.47      | 1.07    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S08                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 14:04:02 | DataFile Name :   | 011CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.22    | 0.23    | 0.23    | 0.23       | 2.20    | ppb   |
| Zirconium | 91-1 | 0.30    | 0.24    | 0.20    | 0.25       | 19.80   | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB98345             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P8       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-10-03 14:19:25 | DataFile Name :   | 012ICV.d |

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 517.37  | 532.85   | 505.84  | 518.69     | 2.61    | ppb   |
| Antimony   | 121-1 | 191.79  | 203.60   | 195.75  | 197.05     | 3.05    | ppb   |
| Arsenic    | 75-2  | 192.78  | 195.56   | 191.44  | 193.26     | 1.09    | ppb   |
| Barium     | 135-1 | 96.13   | 101.88   | 97.45   | 98.49      | 3.06    | ppb   |
| Barium     | 137-1 | 96.04   | 100.35   | 96.65   | 97.68      | 2.39    | ppb   |
| Beryllium  | 9-1   | 96.72   | 98.08    | 96.66   | 97.15      | 0.83    | ppb   |
| Bismuth    | 209-1 |         |          |         | 104        |         | %     |
| Bismuth    | 209-2 |         |          |         | 101        |         | %     |
| Boron      | 10-1  | 2.61    | 2.45     | 2.76    | 2.61       | 5.95    | ppb   |
| Boron      | 11-1  | 2.52    | 2.27     | 2.50    | 2.43       | 5.75    | ppb   |
| Cadmium    | 111-1 | 97.35   | 102.50   | 98.36   | 99.40      | 2.74    | ppb   |
| Cadmium    | 106-1 | 83.94   | 86.54    | 81.67   | 84.05      | 2.90    | ppb   |
| Cadmium    | 108-1 | 86.59   | 87.07    | 85.54   | 86.40      | 0.90    | ppb   |
| Calcium    | 43-1  | 1851.99 | 1998.35  | 1869.67 | 1906.67    | 4.19    | ppb   |
| Calcium    | 44-1  | 1875.84 | 1977.99  | 1887.00 | 1913.61    | 2.93    | ppb   |
| Chromium   | 52-2  | 94.16   | 95.87    | 91.26   | 93.76      | 2.49    | ppb   |
| Cobalt     | 59-2  | 96.60   | 98.54    | 93.81   | 96.32      | 2.47    | ppb   |
| Copper     | 63-2  | 97.48   | 100.23   | 94.60   | 97.44      | 2.89    | 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 |         |          |         | 104        |         | %     |
| Holmium    | 165-2 |         |          |         | 102        |         | %     |
| Indium     | 115-1 |         |          |         | 103        |         | %     |
| Indium     | 115-2 |         |          |         | 101        |         | %     |
| Iron       | 56-2  | 987.39  | 1004.59  | 967.39  | 986.46     | 1.89    | ppb   |
| Iron       | 57-2  | 988.34  | 1035.80  | 991.49  | 1005.21    | 2.64    | ppb   |
| Krypton    | 83-1  | 3830.18 | -1346.13 | 7213.91 | 3232.65    | 133.36  | ppb   |
| Lead       | 206-1 | 190.83  | 200.81   | 191.63  | 194.42     | 2.85    | ppb   |
| Lead       | 207-1 | 181.49  | 193.37   | 181.26  | 185.37     | 3.73    | ppb   |
| Lead       | 208-1 | 190.82  | 201.27   | 190.03  | 194.04     | 3.23    | ppb   |
| Lithium    | 6-1   |         |          |         | 104        |         | %     |
| Magnesium  | 24-2  | 1191.35 | 1210.93  | 1180.29 | 1194.19    | 1.30    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB98345             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P8       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-10-03 14:19:25 | DataFile Name :   | 012ICV.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 94.58   | 97.38   | 89.78   | 93.91      | 4.09    | ppb   |
| Molybdenum | 94-1  | 0.25    | 0.25    | 0.26    | 0.25       | 3.26    | ppb   |
| Molybdenum | 95-1  | 0.14    | 0.13    | 0.13    | 0.13       | 7.06    | ppb   |
| Molybdenum | 96-1  | 0.13    | 0.17    | 0.15    | 0.15       | 12.98   | ppb   |
| Molybdenum | 97-1  | 0.08    | 0.08    | 0.14    | 0.10       | 35.80   | ppb   |
| Molybdenum | 98-1  | 0.09    | 0.10    | 0.10    | 0.10       | 3.52    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 99.79   | 102.62  | 95.71   | 99.38      | 3.50    | ppb   |
| Phosphorus | 31-2  | 1.63    | -12.65  | -12.65  | -7.89      |         | ppb   |
| Potassium  | 39-2  | 1927.26 | 2020.34 | 1929.73 | 1959.11    | 2.71    | ppb   |
| Rhodium    | 103-1 |         |         |         | 103        |         | %     |
| Rhodium    | 103-2 |         |         |         | 101        |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 101        |         | %     |
| Selenium   | 77-2  | 230.24  | 171.30  | 178.39  | 193.31     | 16.65   | ppb   |
| Selenium   | 78-2  | 228.72  | 211.48  | 190.67  | 210.29     | 9.06    | ppb   |
| Selenium   | 82-1  | 194.50  | 203.75  | 198.27  | 198.84     | 2.34    | ppb   |
| Silicon    | 28-1  | -0.13   | 2.72    | -0.54   | 0.68       | 259.56  | ppb   |
| Silver     | 109-1 | 98.97   | 103.11  | 100.08  | 100.72     | 2.12    | ppb   |
| Silver     | 107-1 | 98.89   | 102.07  | 99.00   | 99.99      | 1.81    | ppb   |
| Sodium     | 23-2  | 2015.15 | 2070.40 | 1947.41 | 2010.99    | 3.06    | ppb   |
| Strontium  | 86-1  | 2.17    | 2.21    | 2.10    | 2.16       | 2.57    | ppb   |
| Strontium  | 88-1  | 2.19    | 2.37    | 2.28    | 2.28       | 4.06    | ppb   |
| Sulfur     | 34-1  | -970.89 | -66.90  | -748.71 | -595.50    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 104        |         | %     |
| Terbium    | 159-2 |         |         |         | 101        |         | %     |
| Thallium   | 203-1 | 191.01  | 202.30  | 191.83  | 195.05     | 3.23    | ppb   |
| Thallium   | 205-1 | 196.46  | 208.01  | 196.95  | 200.47     | 3.26    | ppb   |
| Tin        | 118-1 | 0.06    | 0.06    | 0.05    | 0.06       | 9.44    | ppb   |
| Titanium   | 47-1  | 0.08    | 0.23    | 0.17    | 0.16       | 48.39   | ppb   |
| Uranium    | 238-1 | 476.70  | 492.80  | 463.83  | 477.78     | 3.04    | ppb   |
| Vanadium   | 51-2  | 93.24   | 96.61   | 92.84   | 94.23      | 2.19    | ppb   |
| Yttrium    | 89-1  |         |         |         | 103        |         | %     |
| Yttrium    | 89-2  |         |         |         | 101        |         | %     |
| Zinc       | 66-2  | 196.29  | 197.28  | 189.74  | 194.44     | 2.11    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB98345             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P8       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-10-03 14:19:25 | DataFile Name :   | 012ICV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.08    | 0.09    | 0.08    | 0.08       | 8.73    | ppb   |
| Zirconium | 91-1 | 0.09    | 0.15    | 0.12    | 0.12       | 27.42   | ppb   |

LB Number : LB98345 Operator : Jaswal  
 Lab Sample ID : ICB Instrumnet Name : P8  
 Client Sample ID : ICB Dilution Factor : 1  
 Date & Time Acquired :: 2018-10-03 14:32:14 DataFile Name : 014CCBE.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 1.14     | -0.37    | 1.47     | 0.74       | 131.69  | ppb   |
| Antimony   | 121-1 | 0.06     | 0.07     | 0.09     | 0.07       | 25.54   | ppb   |
| Arsenic    | 75-2  | 0.03     | 0.03     | 0.00     | 0.02       | 77.48   | ppb   |
| Barium     | 135-1 | 0.00     | -0.01    | 0.00     | 0.00       |         | ppb   |
| Barium     | 137-1 | -0.02    | 0.00     | -0.01    | -0.01      |         | ppb   |
| Beryllium  | 9-1   | 0.03     | 0.05     | 0.09     | 0.06       | 58.13   | ppb   |
| Bismuth    | 209-1 |          |          |          | 97         |         | %     |
| Bismuth    | 209-2 |          |          |          | 91         |         | %     |
| Boron      | 10-1  | 3.45     | 2.10     | 3.85     | 3.14       | 29.19   | ppb   |
| Boron      | 11-1  | 2.31     | 2.46     | 3.06     | 2.61       | 15.15   | ppb   |
| Cadmium    | 111-1 | 0.04     | 0.07     | 0.08     | 0.06       | 30.75   | ppb   |
| Cadmium    | 106-1 | 0.49     | 0.87     | 1.07     | 0.81       | 36.18   | ppb   |
| Cadmium    | 108-1 | -0.04    | -0.04    | 0.00     | -0.03      |         | ppb   |
| Calcium    | 43-1  | -4.48    | 7.06     | -0.45    | 0.71       | 826.07  | ppb   |
| Calcium    | 44-1  | 2.33     | 1.68     | 7.85     | 3.95       | 85.67   | ppb   |
| Chromium   | 52-2  | 0.03     | 0.00     | 0.02     | 0.02       | 82.53   | ppb   |
| Cobalt     | 59-2  | 0.02     | 0.01     | -0.01    | 0.00       | 300.44  | ppb   |
| Copper     | 63-2  | -0.01    | 0.00     | -0.04    | -0.01      |         | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 98         |         | %     |
| Holmium    | 165-2 |          |          |          | 92         |         | %     |
| Indium     | 115-1 |          |          |          | 97         |         | %     |
| Indium     | 115-2 |          |          |          | 93         |         | %     |
| Iron       | 56-2  | 0.64     | 0.65     | 0.82     | 0.70       | 14.72   | ppb   |
| Iron       | 57-2  | 0.51     | -0.50    | -0.16    | -0.05      |         | ppb   |
| Krypton    | 83-1  | -1891.04 | -3098.67 | -4102.11 | -3030.61   |         | ppb   |
| Lead       | 206-1 | 0.01     | 0.03     | 0.03     | 0.02       | 43.79   | ppb   |
| Lead       | 207-1 | 0.01     | 0.04     | 0.03     | 0.03       | 50.03   | ppb   |
| Lead       | 208-1 | 0.01     | 0.03     | 0.03     | 0.02       | 48.69   | ppb   |
| Lithium    | 6-1   |          |          |          | 97         |         | %     |
| Magnesium  | 24-2  | 3.44     | 1.23     | 1.17     | 1.95       | 66.41   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P8        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 14:32:14 | DataFile Name :   | 014CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | -0.06   | -0.01   | -0.13   | -0.06      |         | ppb   |
| Molybdenum | 94-1  | 0.07    | 0.05    | 0.05    | 0.05       | 26.92   | ppb   |
| Molybdenum | 95-1  | 0.03    | 0.03    | 0.03    | 0.03       | 10.14   | ppb   |
| Molybdenum | 96-1  | 0.04    | 0.01    | -0.01   | 0.01       | 184.07  | ppb   |
| Molybdenum | 97-1  | -0.03   | -0.02   | 0.03    | -0.01      |         | ppb   |
| Molybdenum | 98-1  | 0.01    | 0.01    | 0.01    | 0.01       | 37.31   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.02    | 0.12    | -0.01   | 0.05       | 150.97  | ppb   |
| Phosphorus | 31-2  | 2.83    | 3.04    | -12.65  | -2.26      |         | ppb   |
| Potassium  | 39-2  | 12.41   | 18.35   | 2.31    | 11.02      | 73.55   | ppb   |
| Rhodium    | 103-1 |         |         |         | 98         |         | %     |
| Rhodium    | 103-2 |         |         |         | 92         |         | %     |
| Scandium   | 45-1  |         |         |         | 97         |         | %     |
| Scandium   | 45-2  |         |         |         | 93         |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 3.94    | 1.31       | 173.21  | ppb   |
| Selenium   | 78-2  | 0.05    | 0.04    | 0.05    | 0.05       | 7.83    | ppb   |
| Selenium   | 82-1  | 0.03    | -0.28   | 0.23    | -0.01      |         | ppb   |
| Silicon    | 28-1  | 0.52    | -1.21   | 5.00    | 1.44       | 223.10  | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.00    | 0.00       | 164.26  | ppb   |
| Sodium     | 23-2  | 12.64   | 21.15   | 23.35   | 19.05      | 29.70   | ppb   |
| Strontium  | 86-1  | -0.03   | -0.05   | 0.00    | -0.03      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | 36.16   | ppb   |
| Sulfur     | 34-1  | -9.25   | -161.52 | 1219.53 | 349.59     | 216.61  | ppb   |
| Terbium    | 159-1 |         |         |         | 98         |         | %     |
| Terbium    | 159-2 |         |         |         | 91         |         | %     |
| Thallium   | 203-1 | 0.03    | 0.04    | 0.04    | 0.04       | 8.34    | ppb   |
| Thallium   | 205-1 | 0.03    | 0.04    | 0.03    | 0.03       | 12.21   | ppb   |
| Tin        | 118-1 | 0.01    | 0.01    | 0.03    | 0.02       | 64.46   | ppb   |
| Titanium   | 47-1  | 0.04    | 0.04    | 0.11    | 0.06       | 72.39   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.00    | 0.01    | 0.01       | 87.96   | ppb   |
| Yttrium    | 89-1  |         |         |         | 99         |         | %     |
| Yttrium    | 89-2  |         |         |         | 93         |         | %     |
| Zinc       | 66-2  | -0.14   | -0.09   | 0.08    | -0.05      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P8        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 14:32:14 | DataFile Name :   | 014CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.03    | 0.02    | 0.00    | 0.02       | 68.77   | ppb   |
| Zirconium | 91-1 | 0.01    | 0.02    | 0.04    | 0.02       | 73.25   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 14:35:37 | DataFile Name :   | 015ICSA.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 86995.95 | 87281.63 | 89394.62  | 87890.73   | 1.49    | ppb   |
| Antimony   | 121-1 | 1.16     | 1.14     | 1.13      | 1.15       | 1.47    | ppb   |
| Arsenic    | 75-2  | 0.21     | 0.35     | 0.38      | 0.31       | 29.30   | ppb   |
| Barium     | 135-1 | 1.62     | 1.56     | 1.50      | 1.56       | 3.74    | ppb   |
| Barium     | 137-1 | 1.33     | 1.57     | 1.43      | 1.44       | 8.24    | ppb   |
| Beryllium  | 9-1   | 0.32     | 0.32     | 0.38      | 0.34       | 9.74    | ppb   |
| Bismuth    | 209-1 |          |          |           | 99         |         | %     |
| Bismuth    | 209-2 |          |          |           | 89         |         | %     |
| Boron      | 10-1  | 3.55     | 3.90     | 3.58      | 3.68       | 5.33    | ppb   |
| Boron      | 11-1  | 3.22     | 3.19     | 3.31      | 3.24       | 1.86    | ppb   |
| Cadmium    | 111-1 | 0.45     | 0.36     | 0.30      | 0.37       | 19.58   | ppb   |
| Cadmium    | 106-1 | 0.52     | 0.51     | -1.13     | -0.03      |         | ppb   |
| Cadmium    | 108-1 | 9.27     | 10.82    | 9.89      | 9.99       | 7.82    | ppb   |
| Calcium    | 43-1  | 94949.97 | 96049.45 | 93867.50  | 94955.64   | 1.15    | ppb   |
| Calcium    | 44-1  | 95074.01 | 95371.68 | 93288.71  | 94578.13   | 1.19    | ppb   |
| Chromium   | 52-2  | 21.93    | 21.35    | 22.47     | 21.92      | 2.56    | ppb   |
| Cobalt     | 59-2  | 1.11     | 1.20     | 1.20      | 1.17       | 4.44    | ppb   |
| Copper     | 63-2  | 7.23     | 7.17     | 7.32      | 7.24       | 1.00    | 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 |          |          |           | 103        |         | %     |
| Holmium    | 165-2 |          |          |           | 95         |         | %     |
| Indium     | 115-1 |          |          |           | 98         |         | %     |
| Indium     | 115-2 |          |          |           | 91         |         | %     |
| Iron       | 56-2  | 96202.06 | 96437.14 | 99470.33  | 97369.84   | 1.87    | ppb   |
| Iron       | 57-2  | 97559.00 | 98272.50 | 101558.35 | 99129.95   | 2.15    | ppb   |
| Krypton    | 83-1  | -534.89  | 3948.84  | 1734.84   | 1716.26    | 130.63  | ppb   |
| Lead       | 206-1 | 5.13     | 4.96     | 5.02      | 5.04       | 1.71    | ppb   |
| Lead       | 207-1 | 4.31     | 4.13     | 4.30      | 4.25       | 2.35    | ppb   |
| Lead       | 208-1 | 4.64     | 4.53     | 4.51      | 4.56       | 1.53    | ppb   |
| Lithium    | 6-1   |          |          |           | 97         |         | %     |
| Magnesium  | 24-2  | 97693.90 | 97743.73 | 100009.34 | 98482.32   | 1.34    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 14:35:37 | DataFile Name :   | 015ICSA.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 7.14     | 7.78     | 7.87     | 7.60       | 5.23    | ppb   |
| Molybdenum | 94-1  | 1348.76  | 1334.15  | 1327.51  | 1336.81    | 0.81    | ppb   |
| Molybdenum | 95-1  | 1905.30  | 1899.54  | 1882.26  | 1895.70    | 0.63    | ppb   |
| Molybdenum | 96-1  | 1834.49  | 1833.82  | 1809.32  | 1825.88    | 0.79    | ppb   |
| Molybdenum | 97-1  | 1924.53  | 1912.18  | 1885.14  | 1907.28    | 1.06    | ppb   |
| Molybdenum | 98-1  | 1897.51  | 1903.65  | 1866.11  | 1889.09    | 1.07    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 7.03     | 7.49     | 7.39     | 7.30       | 3.33    | ppb   |
| Phosphorus | 31-2  | 98454.75 | 95557.57 | 98827.62 | 97613.31   | 1.83    | ppb   |
| Potassium  | 39-2  | 97232.34 | 96488.73 | 99025.93 | 97582.34   | 1.34    | ppb   |
| Rhodium    | 103-1 |          |          |          | 95         |         | %     |
| Rhodium    | 103-2 |          |          |          | 91         |         | %     |
| Scandium   | 45-1  |          |          |          | 97         |         | %     |
| Scandium   | 45-2  |          |          |          | 92         |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.68     | 0.05     | -0.59    | 0.05       | 1400.22 | ppb   |
| Selenium   | 82-1  | 0.29     | 0.31     | 0.28     | 0.30       | 4.25    | ppb   |
| Silicon    | 28-1  | 36.76    | 35.34    | 74.91    | 49.00      | 45.80   | ppb   |
| Silver     | 109-1 | 0.05     | 0.06     | 0.07     | 0.06       | 19.12   | ppb   |
| Silver     | 107-1 | 0.04     | 0.06     | 0.07     | 0.06       | 27.49   | ppb   |
| Sodium     | 23-2  | 95328.07 | 96464.69 | 99097.46 | 96963.41   | 1.99    | ppb   |
| Strontium  | 86-1  | 32.72    | 33.11    | 32.31    | 32.72      | 1.22    | ppb   |
| Strontium  | 88-1  | 33.59    | 33.43    | 33.16    | 33.39      | 0.66    | ppb   |
| Sulfur     | 34-1  | 95715.11 | 96303.79 | 93529.17 | 95182.69   | 1.54    | ppb   |
| Terbium    | 159-1 |          |          |          | 103        |         | %     |
| Terbium    | 159-2 |          |          |          | 94         |         | %     |
| Thallium   | 203-1 | 0.13     | 0.15     | 0.16     | 0.15       | 9.21    | ppb   |
| Thallium   | 205-1 | 0.11     | 0.12     | 0.13     | 0.12       | 9.13    | ppb   |
| Tin        | 118-1 | 0.15     | 0.17     | 0.20     | 0.17       | 15.70   | ppb   |
| Titanium   | 47-1  | 1956.77  | 1980.99  | 1948.97  | 1962.24    | 0.85    | ppb   |
| Uranium    | 238-1 | 0.02     | 0.01     | 0.02     | 0.02       | 24.35   | ppb   |
| Vanadium   | 51-2  | 0.14     | 0.17     | 0.16     | 0.16       | 8.59    | ppb   |
| Yttrium    | 89-1  |          |          |          | 100        |         | %     |
| Yttrium    | 89-2  |          |          |          | 93         |         | %     |
| Zinc       | 66-2  | 10.67    | 11.15    | 11.14    | 10.99      | 2.48    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 14:35:37 | DataFile Name :   | 015ICSA.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.30    | 0.25    | 0.23    | 0.26       | 15.02   | ppb   |
| Zirconium | 91-1 | 0.34    | 0.28    | 0.24    | 0.29       | 17.76   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 14:38:54 | DataFile Name :   | 016ICSB.d |

| Parameter  | Mass  | ConRep1  | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 87739.99 | 88887.51  | 89461.72  | 88696.41   | 0.99    | ppb   |
| Antimony   | 121-1 | 20.38    | 20.30     | 20.15     | 20.27      | 0.58    | ppb   |
| Arsenic    | 75-2  | 20.00    | 18.70     | 19.05     | 19.25      | 3.49    | ppb   |
| Barium     | 135-1 | 21.80    | 20.81     | 20.82     | 21.14      | 2.68    | ppb   |
| Barium     | 137-1 | 20.76    | 20.60     | 21.10     | 20.82      | 1.21    | ppb   |
| Beryllium  | 9-1   | 20.56    | 19.96     | 19.80     | 20.10      | 1.98    | ppb   |
| Bismuth    | 209-1 |          |           |           | 99         |         | %     |
| Bismuth    | 209-2 |          |           |           | 87         |         | %     |
| Boron      | 10-1  | 3.34     | 2.89      | 2.98      | 3.07       | 7.76    | ppb   |
| Boron      | 11-1  | 2.55     | 2.68      | 2.56      | 2.59       | 2.81    | ppb   |
| Cadmium    | 111-1 | 19.22    | 19.58     | 19.11     | 19.30      | 1.28    | ppb   |
| Cadmium    | 106-1 | 14.91    | 16.77     | 16.94     | 16.21      | 6.94    | ppb   |
| Cadmium    | 108-1 | 27.31    | 24.92     | 25.12     | 25.78      | 5.13    | ppb   |
| Calcium    | 43-1  | 96027.40 | 92834.22  | 93530.91  | 94130.84   | 1.78    | ppb   |
| Calcium    | 44-1  | 94978.86 | 91162.88  | 93193.80  | 93111.84   | 2.05    | ppb   |
| Chromium   | 52-2  | 43.40    | 44.59     | 44.97     | 44.32      | 1.85    | ppb   |
| Cobalt     | 59-2  | 20.17    | 20.44     | 20.64     | 20.42      | 1.16    | ppb   |
| Copper     | 63-2  | 26.66    | 27.22     | 27.54     | 27.14      | 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 |          |           |           | 104        |         | %     |
| Holmium    | 165-2 |          |           |           | 94         |         | %     |
| Indium     | 115-1 |          |           |           | 99         |         | %     |
| Indium     | 115-2 |          |           |           | 89         |         | %     |
| Iron       | 56-2  | 96455.48 | 99095.30  | 99124.27  | 98225.02   | 1.56    | ppb   |
| Iron       | 57-2  | 97247.55 | 100669.30 | 100719.20 | 99545.35   | 2.00    | ppb   |
| Krypton    | 83-1  | 2556.89  | 1497.99   | -4126.38  | -23.83     |         | ppb   |
| Lead       | 206-1 | 25.09    | 24.11     | 24.37     | 24.52      | 2.07    | ppb   |
| Lead       | 207-1 | 22.63    | 22.10     | 22.23     | 22.32      | 1.22    | ppb   |
| Lead       | 208-1 | 23.58    | 22.99     | 23.21     | 23.26      | 1.28    | ppb   |
| Lithium    | 6-1   |          |           |           | 96         |         | %     |
| Magnesium  | 24-2  | 98307.55 | 99453.92  | 100553.43 | 99438.30   | 1.13    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 14:38:54 | DataFile Name :   | 016ICSB.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 26.89    | 26.72    | 27.29     | 26.97      | 1.09    | ppb   |
| Molybdenum | 94-1  | 1362.60  | 1297.95  | 1325.55   | 1328.70    | 2.44    | ppb   |
| Molybdenum | 95-1  | 1935.21  | 1860.41  | 1894.69   | 1896.77    | 1.97    | ppb   |
| Molybdenum | 96-1  | 1846.98  | 1798.40  | 1822.85   | 1822.74    | 1.33    | ppb   |
| Molybdenum | 97-1  | 1915.50  | 1865.84  | 1903.77   | 1895.04    | 1.37    | ppb   |
| Molybdenum | 98-1  | 1888.43  | 1856.24  | 1874.19   | 1872.96    | 0.86    | ppb   |
| Neodymium  | 150-1 |          |          |           |            |         | cps   |
| Neodymium  | 150-2 |          |          |           |            |         | cps   |
| Nickel     | 60-2  | 28.36    | 28.13    | 29.50     | 28.66      | 2.56    | ppb   |
| Phosphorus | 31-2  | 95429.10 | 95279.11 | 99762.19  | 96823.46   | 2.63    | ppb   |
| Potassium  | 39-2  | 97219.99 | 98884.64 | 100784.36 | 98963.00   | 1.80    | ppb   |
| Rhodium    | 103-1 |          |          |           | 96         |         | %     |
| Rhodium    | 103-2 |          |          |           | 88         |         | %     |
| Scandium   | 45-1  |          |          |           | 97         |         | %     |
| Scandium   | 45-2  |          |          |           | 88         |         | %     |
| Selenium   | 77-2  | 11.82    | 12.30    | 8.12      | 10.75      | 21.26   | ppb   |
| Selenium   | 78-2  | 22.60    | 18.17    | 25.95     | 22.24      | 17.56   | ppb   |
| Selenium   | 82-1  | 20.29    | 19.23    | 19.27     | 19.60      | 3.05    | ppb   |
| Silicon    | 28-1  | 39.07    | 33.40    | 38.94     | 37.14      | 8.73    | ppb   |
| Silver     | 109-1 | 18.77    | 18.43    | 18.50     | 18.57      | 0.98    | ppb   |
| Silver     | 107-1 | 18.27    | 18.16    | 18.69     | 18.37      | 1.52    | ppb   |
| Sodium     | 23-2  | 97086.95 | 98678.95 | 98856.72  | 98207.54   | 0.99    | ppb   |
| Strontium  | 86-1  | 32.48    | 31.69    | 32.54     | 32.24      | 1.48    | ppb   |
| Strontium  | 88-1  | 33.25    | 32.41    | 33.10     | 32.92      | 1.35    | ppb   |
| Sulfur     | 34-1  | 95718.14 | 91917.55 | 94118.86  | 93918.18   | 2.03    | ppb   |
| Terbium    | 159-1 |          |          |           | 103        |         | %     |
| Terbium    | 159-2 |          |          |           | 91         |         | %     |
| Thallium   | 203-1 | 20.19    | 19.49    | 19.97     | 19.88      | 1.80    | ppb   |
| Thallium   | 205-1 | 19.90    | 19.65    | 19.95     | 19.83      | 0.82    | ppb   |
| Tin        | 118-1 | 0.18     | 0.17     | 0.15      | 0.17       | 6.96    | ppb   |
| Titanium   | 47-1  | 1998.41  | 1909.45  | 1944.60   | 1950.82    | 2.30    | ppb   |
| Uranium    | 238-1 | 0.02     | 0.01     | 0.01      | 0.01       | 8.77    | ppb   |
| Vanadium   | 51-2  | 19.32    | 19.44    | 20.05     | 19.60      | 1.99    | ppb   |
| Yttrium    | 89-1  |          |          |           | 100        |         | %     |
| Yttrium    | 89-2  |          |          |           | 90         |         | %     |
| Zinc       | 66-2  | 32.23    | 29.82    | 31.54     | 31.20      | 3.97    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 14:38:54 | DataFile Name :   | 016ICSB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.15    | 0.12    | 0.11    | 0.13       | 15.48   | ppb   |
| Zirconium | 91-1 | 0.17    | 0.11    | 0.14    | 0.14       | 20.89   | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB98345             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV069              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV069              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-10-03 14:42:11 | DataFile Name :   | 017CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 51569.27  | 52545.55  | 54341.20  | 52818.67   | 2.66    | ppb   |
| Antimony   | 121-1 | 508.52    | 508.22    | 507.27    | 508.00     | 0.13    | ppb   |
| Arsenic    | 75-2  | 506.13    | 498.22    | 536.09    | 513.48     | 3.89    | ppb   |
| Barium     | 135-1 | 2558.04   | 2585.49   | 2549.09   | 2564.21    | 0.74    | ppb   |
| Barium     | 137-1 | 2532.39   | 2529.78   | 2519.47   | 2527.21    | 0.27    | ppb   |
| Beryllium  | 9-1   | 519.12    | 518.58    | 511.72    | 516.48     | 0.80    | ppb   |
| Bismuth    | 209-1 |           |           |           | 98         |         | %     |
| Bismuth    | 209-2 |           |           |           | 82         |         | %     |
| Boron      | 10-1  | 457.60    | 462.23    | 459.84    | 459.89     | 0.50    | ppb   |
| Boron      | 11-1  | 442.10    | 458.26    | 460.12    | 453.49     | 2.19    | ppb   |
| Cadmium    | 111-1 | 492.76    | 492.22    | 492.89    | 492.63     | 0.07    | ppb   |
| Cadmium    | 106-1 | 498.30    | 502.99    | 494.95    | 498.74     | 0.81    | ppb   |
| Cadmium    | 108-1 | 501.34    | 500.13    | 501.64    | 501.04     | 0.16    | ppb   |
| Calcium    | 43-1  | 244410.48 | 242569.88 | 245791.44 | 244257.27  | 0.66    | ppb   |
| Calcium    | 44-1  | 246287.71 | 242732.09 | 245716.02 | 244911.94  | 0.78    | ppb   |
| Chromium   | 52-2  | 512.98    | 522.55    | 548.44    | 527.99     | 3.47    | ppb   |
| Cobalt     | 59-2  | 482.98    | 495.66    | 515.93    | 498.19     | 3.34    | ppb   |
| Copper     | 63-2  | 966.10    | 975.51    | 1004.84   | 982.15     | 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 |           |           |           | 103        |         | %     |
| Holmium    | 165-2 |           |           |           | 90         |         | %     |
| Indium     | 115-1 |           |           |           | 96         |         | %     |
| Indium     | 115-2 |           |           |           | 83         |         | %     |
| Iron       | 56-2  | 123840.21 | 127074.36 | 131041.03 | 127318.53  | 2.83    | ppb   |
| Iron       | 57-2  | 125528.32 | 129263.48 | 133553.92 | 129448.57  | 3.10    | ppb   |
| Krypton    | 83-1  | 589.79    | 6073.03   | -153.69   | 2169.71    | 156.74  | ppb   |
| Lead       | 206-1 | 521.29    | 525.92    | 520.09    | 522.43     | 0.59    | ppb   |
| Lead       | 207-1 | 519.81    | 516.38    | 504.29    | 513.49     | 1.59    | ppb   |
| Lead       | 208-1 | 516.79    | 521.12    | 510.69    | 516.20     | 1.02    | ppb   |
| Lithium    | 6-1   |           |           |           | 95         |         | %     |
| Magnesium  | 24-2  | 246324.49 | 249630.74 | 258984.47 | 251646.57  | 2.61    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB98345             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV069              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV069              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-10-03 14:42:11 | DataFile Name :   | 017CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 993.19    | 1018.49   | 1044.86   | 1018.85    | 2.54    | ppb   |
| Molybdenum | 94-1  | 2554.70   | 2552.23   | 2545.47   | 2550.80    | 0.19    | ppb   |
| Molybdenum | 95-1  | 2533.12   | 2566.88   | 2522.37   | 2540.79    | 0.91    | ppb   |
| Molybdenum | 96-1  | 2578.97   | 2552.37   | 2536.15   | 2555.83    | 0.85    | ppb   |
| Molybdenum | 97-1  | 2564.91   | 2562.47   | 2544.09   | 2557.16    | 0.45    | ppb   |
| Molybdenum | 98-1  | 2546.29   | 2549.20   | 2519.33   | 2538.27    | 0.65    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 497.73    | 508.50    | 527.32    | 511.18     | 2.93    | ppb   |
| Phosphorus | 31-2  | 10061.89  | 10243.67  | 10530.48  | 10278.68   | 2.30    | ppb   |
| Potassium  | 39-2  | 125489.89 | 128256.46 | 131532.29 | 128426.21  | 2.36    | ppb   |
| Rhodium    | 103-1 |           |           |           | 93         |         | %     |
| Rhodium    | 103-2 |           |           |           | 83         |         | %     |
| Scandium   | 45-1  |           |           |           | 95         |         | %     |
| Scandium   | 45-2  |           |           |           | 87         |         | %     |
| Selenium   | 77-2  | 586.87    | 458.56    | 530.77    | 525.40     | 12.24   | ppb   |
| Selenium   | 78-2  | 482.38    | 495.02    | 491.00    | 489.47     | 1.32    | ppb   |
| Selenium   | 82-1  | 500.79    | 508.46    | 496.22    | 501.82     | 1.23    | ppb   |
| Silicon    | 28-1  | 587.74    | 588.10    | 600.31    | 592.05     | 1.21    | ppb   |
| Silver     | 109-1 | 525.03    | 517.99    | 517.40    | 520.14     | 0.82    | ppb   |
| Silver     | 107-1 | 514.09    | 522.86    | 515.26    | 517.40     | 0.92    | ppb   |
| Sodium     | 23-2  | 246321.29 | 249318.40 | 258395.59 | 251345.09  | 2.50    | ppb   |
| Strontium  | 86-1  | 504.20    | 501.39    | 496.80    | 500.80     | 0.75    | ppb   |
| Strontium  | 88-1  | 510.27    | 510.87    | 502.92    | 508.02     | 0.87    | ppb   |
| Sulfur     | 34-1  | 12475.14  | 11974.16  | 12503.10  | 12317.47   | 2.42    | ppb   |
| Terbium    | 159-1 |           |           |           | 102        |         | %     |
| Terbium    | 159-2 |           |           |           | 88         |         | %     |
| Thallium   | 203-1 | 524.35    | 524.19    | 515.68    | 521.40     | 0.95    | ppb   |
| Thallium   | 205-1 | 511.11    | 515.56    | 511.11    | 512.59     | 0.50    | ppb   |
| Tin        | 118-1 | 509.88    | 512.40    | 502.92    | 508.40     | 0.97    | ppb   |
| Titanium   | 47-1  | 2560.24   | 2544.77   | 2557.03   | 2554.01    | 0.32    | ppb   |
| Uranium    | 238-1 | 515.80    | 515.06    | 510.30    | 513.72     | 0.58    | ppb   |
| Vanadium   | 51-2  | 503.02    | 508.24    | 533.14    | 514.80     | 3.13    | ppb   |
| Yttrium    | 89-1  |           |           |           | 99         |         | %     |
| Yttrium    | 89-2  |           |           |           | 86         |         | %     |
| Zinc       | 66-2  | 984.00    | 1003.40   | 1039.97   | 1009.13    | 2.82    | ppb   |



|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB98345             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV069              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV069              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-10-03 14:42:11 | DataFile Name :   | 017CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 507.07  | 509.12  | 507.67  | 507.96     | 0.21    | ppb   |
| Zirconium | 91-1 | 511.65  | 511.91  | 505.48  | 509.68     | 0.71    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB069              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB069              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 14:46:03 | DataFile Name :   | 018CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.78    | 1.97    | 1.39    | 1.38       | 42.99   | ppb   |
| Antimony   | 121-1 | 0.69    | 0.69    | 0.68    | 0.69       | 0.63    | ppb   |
| Arsenic    | 75-2  | 0.02    | 0.03    | 0.05    | 0.03       | 49.29   | ppb   |
| Barium     | 135-1 | 0.09    | 0.07    | 0.04    | 0.07       | 40.73   | ppb   |
| Barium     | 137-1 | 0.06    | 0.04    | 0.02    | 0.04       | 39.34   | ppb   |
| Beryllium  | 9-1   | 0.25    | 0.16    | 0.18    | 0.20       | 23.69   | ppb   |
| Bismuth    | 209-1 |         |         |         | 101        |         | %     |
| Bismuth    | 209-2 |         |         |         | 99         |         | %     |
| Boron      | 10-1  | 10.55   | 9.76    | 8.14    | 9.48       | 12.95   | ppb   |
| Boron      | 11-1  | 10.26   | 9.79    | 7.98    | 9.34       | 12.85   | ppb   |
| Cadmium    | 111-1 | -0.05   | 0.03    | 0.05    | 0.01       | 606.62  | ppb   |
| Cadmium    | 106-1 | -1.05   | 0.09    | 0.42    | -0.18      |         | ppb   |
| Cadmium    | 108-1 | -0.07   | 0.06    | 0.02    | 0.00       |         | ppb   |
| Calcium    | 43-1  | 3.60    | 11.23   | 1.58    | 5.47       | 93.11   | ppb   |
| Calcium    | 44-1  | 13.74   | 15.28   | 8.79    | 12.60      | 26.94   | ppb   |
| Chromium   | 52-2  | 0.04    | -0.01   | 0.04    | 0.02       | 114.31  | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.01    | 0.00    | 0.00       | 251.26  | ppb   |
| Copper     | 63-2  | 0.03    | 0.04    | 0.00    | 0.02       | 105.46  | 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 |         |         |         | 102        |         | %     |
| Holmium    | 165-2 |         |         |         | 99         |         | %     |
| Indium     | 115-1 |         |         |         | 99         |         | %     |
| Indium     | 115-2 |         |         |         | 97         |         | %     |
| Iron       | 56-2  | 4.03    | 4.02    | 3.76    | 3.93       | 3.95    | ppb   |
| Iron       | 57-2  | 7.23    | 2.13    | 3.53    | 4.30       | 61.31   | ppb   |
| Krypton    | 83-1  | 4514.86 | 49.24   | 2260.49 | 2274.86    | 98.15   | ppb   |
| Lead       | 206-1 | 0.10    | 0.11    | 0.09    | 0.10       | 12.72   | ppb   |
| Lead       | 207-1 | 0.10    | 0.14    | 0.08    | 0.11       | 27.03   | ppb   |
| Lead       | 208-1 | 0.10    | 0.11    | 0.09    | 0.10       | 11.80   | ppb   |
| Lithium    | 6-1   |         |         |         | 99         |         | %     |
| Magnesium  | 24-2  | 5.98    | 3.42    | 2.82    | 4.07       | 41.24   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB069              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB069              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 14:46:03 | DataFile Name :   | 018CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|----------|------------|---------|-------|
| Manganese  | 55-2  | 0.01    | -0.07   | 0.01     | -0.02      |         | ppb   |
| Molybdenum | 94-1  | 0.66    | 0.65    | 0.54     | 0.62       | 10.52   | ppb   |
| Molybdenum | 95-1  | 0.68    | 0.70    | 0.56     | 0.65       | 12.08   | ppb   |
| Molybdenum | 96-1  | 0.64    | 0.62    | 0.50     | 0.59       | 12.70   | ppb   |
| Molybdenum | 97-1  | 0.64    | 0.56    | 0.54     | 0.58       | 9.53    | ppb   |
| Molybdenum | 98-1  | 0.70    | 0.66    | 0.51     | 0.62       | 16.36   | ppb   |
| Neodymium  | 150-1 |         |         |          |            |         | cps   |
| Neodymium  | 150-2 |         |         |          |            |         | cps   |
| Nickel     | 60-2  | 0.11    | 0.13    | 0.11     | 0.12       | 8.02    | ppb   |
| Phosphorus | 31-2  | 2.54    | -12.65  | -12.65   | -7.59      |         | ppb   |
| Potassium  | 39-2  | 16.67   | 11.40   | 5.95     | 11.34      | 47.23   | ppb   |
| Rhodium    | 103-1 |         |         |          | 99         |         | %     |
| Rhodium    | 103-2 |         |         |          | 98         |         | %     |
| Scandium   | 45-1  |         |         |          | 95         |         | %     |
| Scandium   | 45-2  |         |         |          | 95         |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 1.23    | 0.63    | 0.63     | 0.83       | 41.46   | ppb   |
| Selenium   | 82-1  | 0.22    | -0.03   | 0.14     | 0.11       | 117.30  | ppb   |
| Silicon    | 28-1  | 1.79    | 4.18    | -1.32    | 1.55       | 177.79  | ppb   |
| Silver     | 109-1 | 0.06    | 0.04    | 0.05     | 0.05       | 15.78   | ppb   |
| Silver     | 107-1 | 0.03    | 0.04    | 0.02     | 0.03       | 35.46   | ppb   |
| Sodium     | 23-2  | 39.96   | 36.59   | 39.10    | 38.55      | 4.54    | ppb   |
| Strontium  | 86-1  | -0.01   | 0.00    | -0.01    | -0.01      |         | ppb   |
| Strontium  | 88-1  | 0.02    | 0.01    | 0.01     | 0.01       | 20.32   | ppb   |
| Sulfur     | 34-1  | -845.96 | -91.66  | -1145.13 | -694.25    |         | ppb   |
| Terbium    | 159-1 |         |         |          | 102        |         | %     |
| Terbium    | 159-2 |         |         |          | 99         |         | %     |
| Thallium   | 203-1 | 0.19    | 0.20    | 0.15     | 0.18       | 13.61   | ppb   |
| Thallium   | 205-1 | 0.19    | 0.21    | 0.16     | 0.19       | 12.64   | ppb   |
| Tin        | 118-1 | 0.16    | 0.16    | 0.15     | 0.16       | 3.66    | ppb   |
| Titanium   | 47-1  | 0.11    | 0.13    | 0.09     | 0.11       | 17.39   | ppb   |
| Uranium    | 238-1 | 0.02    | 0.02    | 0.01     | 0.01       | 20.14   | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00     | 0.00       | 81.77   | ppb   |
| Yttrium    | 89-1  |         |         |          | 99         |         | %     |
| Yttrium    | 89-2  |         |         |          | 97         |         | %     |
| Zinc       | 66-2  | 0.32    | 0.19    | 0.38     | 0.30       | 31.95   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB069              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB069              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 14:46:03 | DataFile Name :   | 018CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.10    | 0.09    | 0.09    | 0.09       | 6.11    | ppb   |
| Zirconium | 91-1 | 0.10    | 0.11    | 0.12    | 0.11       | 8.55    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 14:49:25 | DataFile Name :   | 019LLCC.d |

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 20.24    | 21.85   | 19.85    | 20.65      | 5.13    | ppb   |
| Antimony   | 121-1 | 2.36     | 2.33    | 2.15     | 2.28       | 4.94    | ppb   |
| Arsenic    | 75-2  | 1.12     | 1.16    | 1.07     | 1.12       | 4.11    | ppb   |
| Barium     | 135-1 | 10.61    | 10.26   | 10.11    | 10.32      | 2.48    | ppb   |
| Barium     | 137-1 | 10.52    | 9.90    | 9.80     | 10.07      | 3.85    | ppb   |
| Beryllium  | 9-1   | 1.31     | 1.17    | 1.08     | 1.18       | 9.75    | ppb   |
| Bismuth    | 209-1 |          |         |          | 103        |         | %     |
| Bismuth    | 209-2 |          |         |          | 101        |         | %     |
| Boron      | 10-1  | 26.04    | 27.29   | 24.75    | 26.03      | 4.88    | ppb   |
| Boron      | 11-1  | 26.54    | 25.66   | 25.30    | 25.83      | 2.49    | ppb   |
| Cadmium    | 111-1 | 1.14     | 0.94    | 0.90     | 0.99       | 13.14   | ppb   |
| Cadmium    | 106-1 | 1.40     | 0.55    | 0.50     | 0.82       | 62.13   | ppb   |
| Cadmium    | 108-1 | 0.83     | 1.17    | 0.96     | 0.99       | 17.41   | ppb   |
| Calcium    | 43-1  | 507.66   | 494.42  | 457.15   | 486.41     | 5.39    | ppb   |
| Calcium    | 44-1  | 520.55   | 499.22  | 477.51   | 499.09     | 4.31    | ppb   |
| Chromium   | 52-2  | 2.14     | 1.86    | 2.12     | 2.04       | 7.78    | ppb   |
| Cobalt     | 59-2  | 1.02     | 0.95    | 1.02     | 1.00       | 3.92    | ppb   |
| Copper     | 63-2  | 2.07     | 2.12    | 2.12     | 2.10       | 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 |          |         |          | 102        |         | %     |
| Holmium    | 165-2 |          |         |          | 101        |         | %     |
| Indium     | 115-1 |          |         |          | 99         |         | %     |
| Indium     | 115-2 |          |         |          | 98         |         | %     |
| Iron       | 56-2  | 53.95    | 53.68   | 54.74    | 54.12      | 1.02    | ppb   |
| Iron       | 57-2  | 44.83    | 44.14   | 52.65    | 47.21      | 10.01   | ppb   |
| Krypton    | 83-1  | -3880.22 | 371.90  | -1402.65 | -1636.99   |         | ppb   |
| Lead       | 206-1 | 1.10     | 1.04    | 1.12     | 1.09       | 4.22    | ppb   |
| Lead       | 207-1 | 1.11     | 1.06    | 1.05     | 1.07       | 3.47    | ppb   |
| Lead       | 208-1 | 1.13     | 1.06    | 1.08     | 1.09       | 3.30    | ppb   |
| Lithium    | 6-1   |          |         |          | 98         |         | %     |
| Magnesium  | 24-2  | 520.29   | 520.25  | 527.93   | 522.82     | 0.85    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 14:49:25 | DataFile Name :   | 019LLCC.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|----------|------------|---------|-------|
| Manganese  | 55-2  | 1.01    | 1.06    | 1.18     | 1.08       | 8.28    | ppb   |
| Molybdenum | 94-1  | 5.95    | 5.43    | 5.10     | 5.49       | 7.82    | ppb   |
| Molybdenum | 95-1  | 5.47    | 5.24    | 5.03     | 5.24       | 4.22    | ppb   |
| Molybdenum | 96-1  | 5.64    | 5.30    | 5.20     | 5.38       | 4.38    | ppb   |
| Molybdenum | 97-1  | 5.42    | 5.14    | 5.10     | 5.22       | 3.40    | ppb   |
| Molybdenum | 98-1  | 5.49    | 5.28    | 5.04     | 5.27       | 4.29    | ppb   |
| Neodymium  | 150-1 |         |         |          |            |         | cps   |
| Neodymium  | 150-2 |         |         |          |            |         | cps   |
| Nickel     | 60-2  | 1.11    | 1.15    | 1.16     | 1.14       | 2.52    | ppb   |
| Phosphorus | 31-2  | 2.11    | 2.20    | -12.65   | -2.78      |         | ppb   |
| Potassium  | 39-2  | 501.93  | 497.02  | 504.03   | 500.99     | 0.72    | ppb   |
| Rhodium    | 103-1 |         |         |          | 100        |         | %     |
| Rhodium    | 103-2 |         |         |          | 99         |         | %     |
| Scandium   | 45-1  |         |         |          | 96         |         | %     |
| Scandium   | 45-2  |         |         |          | 97         |         | %     |
| Selenium   | 77-2  | 3.71    | 11.13   | 11.12    | 8.66       | 49.45   | ppb   |
| Selenium   | 78-2  | 3.66    | 6.08    | 7.89     | 5.88       | 36.13   | ppb   |
| Selenium   | 82-1  | 5.72    | 5.73    | 5.15     | 5.53       | 6.00    | ppb   |
| Silicon    | 28-1  | 19.92   | 17.51   | 14.07    | 17.17      | 17.10   | ppb   |
| Silver     | 109-1 | 1.08    | 1.11    | 1.04     | 1.08       | 3.46    | ppb   |
| Silver     | 107-1 | 1.10    | 1.05    | 1.03     | 1.06       | 3.66    | ppb   |
| Sodium     | 23-2  | 525.81  | 534.93  | 542.54   | 534.43     | 1.57    | ppb   |
| Strontium  | 86-1  | 1.14    | 1.07    | 1.09     | 1.10       | 3.29    | ppb   |
| Strontium  | 88-1  | 1.11    | 1.07    | 1.01     | 1.06       | 4.56    | ppb   |
| Sulfur     | 34-1  | -317.64 | -912.46 | -1308.85 | -846.32    |         | ppb   |
| Terbium    | 159-1 |         |         |          | 102        |         | %     |
| Terbium    | 159-2 |         |         |          | 100        |         | %     |
| Thallium   | 203-1 | 1.10    | 1.12    | 1.02     | 1.08       | 4.89    | ppb   |
| Thallium   | 205-1 | 1.18    | 1.12    | 1.06     | 1.12       | 5.15    | ppb   |
| Tin        | 118-1 | 5.47    | 5.15    | 4.96     | 5.19       | 4.92    | ppb   |
| Titanium   | 47-1  | 5.51    | 5.00    | 5.23     | 5.25       | 4.88    | ppb   |
| Uranium    | 238-1 | 1.05    | 1.02    | 1.01     | 1.02       | 1.88    | ppb   |
| Vanadium   | 51-2  | 4.64    | 4.68    | 4.94     | 4.76       | 3.36    | ppb   |
| Yttrium    | 89-1  |         |         |          | 100        |         | %     |
| Yttrium    | 89-2  |         |         |          | 98         |         | %     |
| Zinc       | 66-2  | 2.08    | 2.18    | 2.16     | 2.14       | 2.44    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 14:49:25 | DataFile Name :   | 019LLCC.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 1.34    | 1.23    | 1.19    | 1.26       | 6.05    | ppb   |
| Zirconium | 91-1 | 1.32    | 1.28    | 1.20    | 1.26       | 4.84    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5079-06A           | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAK64A             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 14:52:47 | DataFile Name :   | 020SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 163.10   | 165.94   | 160.98   | 163.34     | 1.52    | ppb   |
| Antimony   | 121-1 | 0.20     | 0.21     | 0.23     | 0.22       | 5.64    | ppb   |
| Arsenic    | 75-2  | 8.23     | 7.77     | 8.35     | 8.12       | 3.80    | ppb   |
| Barium     | 135-1 | 39.19    | 40.26    | 38.47    | 39.30      | 2.29    | ppb   |
| Barium     | 137-1 | 38.40    | 38.96    | 38.13    | 38.50      | 1.10    | ppb   |
| Beryllium  | 9-1   | 0.06     | 0.05     | 0.09     | 0.06       | 32.22   | ppb   |
| Bismuth    | 209-1 |          |          |          | 108        |         | %     |
| Bismuth    | 209-2 |          |          |          | 104        |         | %     |
| Boron      | 10-1  | 258.72   | 265.36   | 264.75   | 262.94     | 1.39    | ppb   |
| Boron      | 11-1  | 257.94   | 271.02   | 264.61   | 264.52     | 2.47    | ppb   |
| Cadmium    | 111-1 | 0.04     | 0.03     | 0.03     | 0.03       | 15.65   | ppb   |
| Cadmium    | 106-1 | 0.39     | 0.18     | 0.29     | 0.29       | 36.11   | ppb   |
| Cadmium    | 108-1 | 0.15     | 0.04     | 0.01     | 0.07       | 117.84  | ppb   |
| Calcium    | 43-1  | 23155.04 | 23703.81 | 22727.21 | 23195.35   | 2.11    | ppb   |
| Calcium    | 44-1  | 23295.31 | 23771.61 | 22947.44 | 23338.12   | 1.77    | ppb   |
| Chromium   | 52-2  | 0.20     | 0.03     | 0.17     | 0.13       | 67.54   | ppb   |
| Cobalt     | 59-2  | 0.17     | 0.22     | 0.20     | 0.20       | 12.25   | ppb   |
| Copper     | 63-2  | 1.26     | 1.35     | 1.15     | 1.25       | 7.76    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 110        |         | %     |
| Holmium    | 165-2 |          |          |          | 105        |         | %     |
| Indium     | 115-1 |          |          |          | 107        |         | %     |
| Indium     | 115-2 |          |          |          | 102        |         | %     |
| Iron       | 56-2  | 230.62   | 231.89   | 229.23   | 230.58     | 0.58    | ppb   |
| Iron       | 57-2  | 226.67   | 239.79   | 222.33   | 229.60     | 3.96    | ppb   |
| Krypton    | 83-1  | -1870.57 | 4281.73  | -1695.71 | 238.48     | 1468.72 | ppb   |
| Lead       | 206-1 | 0.38     | 0.36     | 0.30     | 0.35       | 11.12   | ppb   |
| Lead       | 207-1 | 0.36     | 0.33     | 0.33     | 0.34       | 5.26    | ppb   |
| Lead       | 208-1 | 0.36     | 0.36     | 0.33     | 0.35       | 5.79    | ppb   |
| Lithium    | 6-1   |          |          |          | 105        |         | %     |
| Magnesium  | 24-2  | 6329.88  | 6461.09  | 6299.08  | 6363.35    | 1.35    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5079-06A           | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAK64A             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 14:52:47 | DataFile Name :   | 020SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 50.81    | 51.52    | 50.77    | 51.03      | 0.83    | ppb   |
| Molybdenum | 94-1  | 5.13     | 5.44     | 5.03     | 5.20       | 4.16    | ppb   |
| Molybdenum | 95-1  | 6.40     | 6.60     | 6.25     | 6.42       | 2.78    | ppb   |
| Molybdenum | 96-1  | 6.09     | 6.25     | 5.89     | 6.08       | 2.97    | ppb   |
| Molybdenum | 97-1  | 6.05     | 6.28     | 5.83     | 6.05       | 3.78    | ppb   |
| Molybdenum | 98-1  | 6.35     | 6.45     | 6.27     | 6.35       | 1.42    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.57     | 0.54     | 0.52     | 0.54       | 4.54    | ppb   |
| Phosphorus | 31-2  | 29.75    | 15.87    | 100.32   | 48.65      | 93.09   | ppb   |
| Potassium  | 39-2  | 2798.31  | 2875.07  | 2774.70  | 2816.03    | 1.86    | ppb   |
| Rhodium    | 103-1 |          |          |          | 105        |         | %     |
| Rhodium    | 103-2 |          |          |          | 102        |         | %     |
| Scandium   | 45-1  |          |          |          | 103        |         | %     |
| Scandium   | 45-2  |          |          |          | 102        |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 1.17     | 1.73     | -0.59    | 0.77       | 157.68  | ppb   |
| Selenium   | 82-1  | 0.10     | 0.34     | 0.39     | 0.28       | 57.17   | ppb   |
| Silicon    | 28-1  | 5189.94  | 5345.02  | 5047.15  | 5194.04    | 2.87    | ppb   |
| Silver     | 109-1 | 0.01     | 0.01     | 0.00     | 0.01       | 70.91   | ppb   |
| Silver     | 107-1 | 0.02     | 0.02     | 0.02     | 0.02       | 1.28    | ppb   |
| Sodium     | 23-2  | 30791.02 | 30577.40 | 30531.12 | 30633.18   | 0.45    | ppb   |
| Strontium  | 86-1  | 233.34   | 237.28   | 231.30   | 233.97     | 1.30    | ppb   |
| Strontium  | 88-1  | 240.72   | 244.85   | 236.77   | 240.78     | 1.68    | ppb   |
| Sulfur     | 34-1  | 12982.23 | 13923.72 | 12357.86 | 13087.94   | 6.02    | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 0.08     | 0.07     | 0.05     | 0.07       | 23.87   | ppb   |
| Thallium   | 205-1 | 0.07     | 0.09     | 0.06     | 0.07       | 19.50   | ppb   |
| Tin        | 118-1 | 0.23     | 0.21     | 0.22     | 0.22       | 5.74    | ppb   |
| Titanium   | 47-1  | 5.53     | 5.44     | 5.36     | 5.44       | 1.53    | ppb   |
| Uranium    | 238-1 | 9.16     | 9.39     | 8.72     | 9.09       | 3.77    | ppb   |
| Vanadium   | 51-2  | 3.06     | 3.06     | 3.03     | 3.05       | 0.55    | ppb   |
| Yttrium    | 89-1  |          |          |          | 107        |         | %     |
| Yttrium    | 89-2  |          |          |          | 102        |         | %     |
| Zinc       | 66-2  | 16.69    | 17.17    | 17.33    | 17.06      | 1.98    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5079-06A           | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAK64A             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 14:52:47 | DataFile Name :   | 020SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.58    | 0.52    | 0.52    | 0.54       | 6.53    | ppb   |
| Zirconium | 91-1 | 0.60    | 0.50    | 0.42    | 0.51       | 18.22   | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB98345             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV070              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV070              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-10-03 15:11:49 | DataFile Name :   | 021CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 53043.64  | 52233.07  | 51684.83  | 52320.51   | 1.31    | ppb   |
| Antimony   | 121-1 | 512.54    | 495.30    | 494.18    | 500.67     | 2.06    | ppb   |
| Arsenic    | 75-2  | 504.26    | 498.27    | 495.02    | 499.18     | 0.94    | ppb   |
| Barium     | 135-1 | 2548.52   | 2503.61   | 2492.57   | 2514.90    | 1.18    | ppb   |
| Barium     | 137-1 | 2535.32   | 2471.73   | 2497.64   | 2501.56    | 1.28    | ppb   |
| Beryllium  | 9-1   | 522.48    | 505.93    | 514.56    | 514.33     | 1.61    | ppb   |
| Bismuth    | 209-1 |           |           |           | 101        |         | %     |
| Bismuth    | 209-2 |           |           |           | 94         |         | %     |
| Boron      | 10-1  | 452.29    | 448.63    | 466.56    | 455.83     | 2.08    | ppb   |
| Boron      | 11-1  | 445.06    | 441.37    | 452.11    | 446.18     | 1.22    | ppb   |
| Cadmium    | 111-1 | 495.19    | 482.06    | 480.76    | 486.00     | 1.64    | ppb   |
| Cadmium    | 106-1 | 499.98    | 489.29    | 497.98    | 495.75     | 1.15    | ppb   |
| Cadmium    | 108-1 | 501.41    | 493.28    | 487.95    | 494.21     | 1.37    | ppb   |
| Calcium    | 43-1  | 245827.28 | 239483.80 | 233500.55 | 239603.87  | 2.57    | ppb   |
| Calcium    | 44-1  | 247906.91 | 240907.38 | 236535.32 | 241783.20  | 2.37    | ppb   |
| Chromium   | 52-2  | 522.10    | 516.53    | 510.36    | 516.33     | 1.14    | ppb   |
| Cobalt     | 59-2  | 493.15    | 485.33    | 478.81    | 485.76     | 1.48    | ppb   |
| Copper     | 63-2  | 966.13    | 970.76    | 952.89    | 963.26     | 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 |           |           |           | 107        |         | %     |
| Holmium    | 165-2 |           |           |           | 100        |         | %     |
| Indium     | 115-1 |           |           |           | 100        |         | %     |
| Indium     | 115-2 |           |           |           | 93         |         | %     |
| Iron       | 56-2  | 127027.68 | 125932.19 | 123128.08 | 125362.65  | 1.60    | ppb   |
| Iron       | 57-2  | 129490.62 | 125685.22 | 124096.64 | 126424.16  | 2.19    | ppb   |
| Krypton    | 83-1  | -857.08   | -6452.96  | 7976.01   | 221.99     | 3277.07 | ppb   |
| Lead       | 206-1 | 524.24    | 502.48    | 510.44    | 512.39     | 2.15    | ppb   |
| Lead       | 207-1 | 518.58    | 499.40    | 513.57    | 510.52     | 1.95    | ppb   |
| Lead       | 208-1 | 522.10    | 503.33    | 508.39    | 511.28     | 1.90    | ppb   |
| Lithium    | 6-1   |           |           |           | 100        |         | %     |
| Magnesium  | 24-2  | 252768.67 | 250895.20 | 244744.47 | 249469.45  | 1.68    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB98345             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV070              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV070              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-10-03 15:11:49 | DataFile Name :   | 021CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 1013.32   | 1002.30   | 982.39    | 999.33     | 1.57    | ppb   |
| Molybdenum | 94-1  | 2573.46   | 2492.91   | 2475.72   | 2514.03    | 2.08    | ppb   |
| Molybdenum | 95-1  | 2555.58   | 2492.16   | 2482.23   | 2509.99    | 1.59    | ppb   |
| Molybdenum | 96-1  | 2539.23   | 2484.01   | 2464.33   | 2495.86    | 1.56    | ppb   |
| Molybdenum | 97-1  | 2534.08   | 2486.11   | 2503.03   | 2507.74    | 0.97    | ppb   |
| Molybdenum | 98-1  | 2523.43   | 2470.84   | 2474.23   | 2489.50    | 1.18    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 506.45    | 501.04    | 490.84    | 499.44     | 1.59    | ppb   |
| Phosphorus | 31-2  | 10248.94  | 10829.12  | 10382.94  | 10487.00   | 2.90    | ppb   |
| Potassium  | 39-2  | 128448.17 | 126465.83 | 126030.90 | 126981.63  | 1.01    | ppb   |
| Rhodium    | 103-1 |           |           |           | 96         |         | %     |
| Rhodium    | 103-2 |           |           |           | 92         |         | %     |
| Scandium   | 45-1  |           |           |           | 99         |         | %     |
| Scandium   | 45-2  |           |           |           | 96         |         | %     |
| Selenium   | 77-2  | 507.55    | 491.26    | 488.37    | 495.73     | 2.09    | ppb   |
| Selenium   | 78-2  | 460.00    | 491.76    | 513.68    | 488.48     | 5.53    | ppb   |
| Selenium   | 82-1  | 496.38    | 491.32    | 488.30    | 492.00     | 0.83    | ppb   |
| Silicon    | 28-1  | 587.18    | 580.40    | 568.10    | 578.56     | 1.67    | ppb   |
| Silver     | 109-1 | 520.81    | 506.73    | 497.66    | 508.40     | 2.29    | ppb   |
| Silver     | 107-1 | 518.70    | 504.25    | 504.60    | 509.18     | 1.62    | ppb   |
| Sodium     | 23-2  | 253273.55 | 249215.87 | 245677.85 | 249389.09  | 1.52    | ppb   |
| Strontium  | 86-1  | 497.08    | 491.64    | 483.74    | 490.82     | 1.37    | ppb   |
| Strontium  | 88-1  | 509.19    | 498.47    | 497.33    | 501.66     | 1.30    | ppb   |
| Sulfur     | 34-1  | 13482.84  | 12563.13  | 11849.06  | 12631.68   | 6.48    | ppb   |
| Terbium    | 159-1 |           |           |           | 106        |         | %     |
| Terbium    | 159-2 |           |           |           | 99         |         | %     |
| Thallium   | 203-1 | 529.87    | 511.05    | 513.77    | 518.23     | 1.96    | ppb   |
| Thallium   | 205-1 | 519.27    | 504.76    | 509.95    | 511.33     | 1.44    | ppb   |
| Tin        | 118-1 | 507.77    | 492.65    | 497.43    | 499.28     | 1.55    | ppb   |
| Titanium   | 47-1  | 2580.39   | 2473.66   | 2445.25   | 2499.77    | 2.85    | ppb   |
| Uranium    | 238-1 | 522.53    | 504.36    | 503.60    | 510.17     | 2.10    | ppb   |
| Vanadium   | 51-2  | 508.27    | 499.48    | 498.85    | 502.20     | 1.05    | ppb   |
| Yttrium    | 89-1  |           |           |           | 103        |         | %     |
| Yttrium    | 89-2  |           |           |           | 96         |         | %     |
| Zinc       | 66-2  | 1001.67   | 993.56    | 977.57    | 990.94     | 1.24    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB98345             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV070              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV070              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-10-03 15:11:49 | DataFile Name :   | 021CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 512.94  | 500.39  | 499.75  | 504.36     | 1.47    | ppb   |
| Zirconium | 91-1 | 517.83  | 502.39  | 507.35  | 509.19     | 1.55    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB070              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB070              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:17:58 | DataFile Name :   | 022CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.48   | 0.75    | 0.47    | 0.25       | 263.57  | ppb   |
| Antimony   | 121-1 | 0.36    | 0.36    | 0.36    | 0.36       | 0.50    | ppb   |
| Arsenic    | 75-2  | 0.02    | 0.03    | 0.06    | 0.04       | 64.39   | ppb   |
| Barium     | 135-1 | 0.01    | 0.02    | 0.01    | 0.02       | 33.29   | ppb   |
| Barium     | 137-1 | -0.01   | 0.01    | 0.00    | 0.00       |         | ppb   |
| Beryllium  | 9-1   | 0.07    | 0.14    | 0.11    | 0.11       | 34.12   | ppb   |
| Bismuth    | 209-1 |         |         |         | 103        |         | %     |
| Bismuth    | 209-2 |         |         |         | 100        |         | %     |
| Boron      | 10-1  | 6.33    | 5.63    | 6.35    | 6.10       | 6.66    | ppb   |
| Boron      | 11-1  | 6.15    | 6.04    | 5.87    | 6.02       | 2.32    | ppb   |
| Cadmium    | 111-1 | -0.03   | 0.05    | 0.05    | 0.02       | 216.73  | ppb   |
| Cadmium    | 106-1 | -0.51   | 0.46    | 0.64    | 0.20       | 313.55  | ppb   |
| Cadmium    | 108-1 | -0.05   | -0.05   | -0.08   | -0.06      |         | ppb   |
| Calcium    | 43-1  | -5.24   | -3.18   | -5.97   | -4.80      |         | ppb   |
| Calcium    | 44-1  | 2.92    | 4.45    | 2.91    | 3.43       | 25.77   | ppb   |
| Chromium   | 52-2  | -0.04   | 0.05    | 0.10    | 0.03       | 216.59  | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.01   | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | -0.03   | -0.01   | -0.06   | -0.03      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 103        |         | %     |
| Holmium    | 165-2 |         |         |         | 99         |         | %     |
| Indium     | 115-1 |         |         |         | 102        |         | %     |
| Indium     | 115-2 |         |         |         | 97         |         | %     |
| Iron       | 56-2  | 1.40    | 1.45    | 1.45    | 1.43       | 1.99    | ppb   |
| Iron       | 57-2  | 1.95    | 1.43    | 2.13    | 1.84       | 19.89   | ppb   |
| Krypton    | 83-1  | 2824.07 | 3736.77 | 5467.25 | 4009.36    | 33.48   | ppb   |
| Lead       | 206-1 | 0.05    | 0.05    | 0.05    | 0.05       | 6.97    | ppb   |
| Lead       | 207-1 | 0.06    | 0.05    | 0.06    | 0.06       | 7.98    | ppb   |
| Lead       | 208-1 | 0.06    | 0.04    | 0.04    | 0.05       | 18.00   | ppb   |
| Lithium    | 6-1   |         |         |         | 102        |         | %     |
| Magnesium  | 24-2  | 0.78    | 3.11    | 4.78    | 2.89       | 69.57   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB070              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB070              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:17:58 | DataFile Name :   | 022CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | -0.01   | -0.04   | 0.01    | -0.01      |         | ppb   |
| Molybdenum | 94-1  | 0.32    | 0.30    | 0.32    | 0.31       | 4.55    | ppb   |
| Molybdenum | 95-1  | 0.28    | 0.24    | 0.22    | 0.25       | 11.43   | ppb   |
| Molybdenum | 96-1  | 0.25    | 0.26    | 0.22    | 0.24       | 8.86    | ppb   |
| Molybdenum | 97-1  | 0.25    | 0.21    | 0.24    | 0.23       | 10.80   | ppb   |
| Molybdenum | 98-1  | 0.26    | 0.23    | 0.20    | 0.23       | 13.98   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.01   | 0.08    | 0.09    | 0.05       | 98.64   | ppb   |
| Phosphorus | 31-2  | 1.89    | 2.37    | -12.65  | -2.80      |         | ppb   |
| Potassium  | 39-2  | 7.28    | 8.82    | 5.43    | 7.18       | 23.68   | ppb   |
| Rhodium    | 103-1 |         |         |         | 101        |         | %     |
| Rhodium    | 103-2 |         |         |         | 99         |         | %     |
| Scandium   | 45-1  |         |         |         | 97         |         | %     |
| Scandium   | 45-2  |         |         |         | 97         |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.59   | 0.64    | 0.02    | 0.02       | 2625.04 | ppb   |
| Selenium   | 82-1  | 0.19    | 0.55    | 0.04    | 0.26       | 101.82  | ppb   |
| Silicon    | 28-1  | -0.79   | 0.63    | 0.43    | 0.09       | 848.97  | ppb   |
| Silver     | 109-1 | 0.00    | 0.01    | 0.01    | 0.01       | 44.89   | ppb   |
| Silver     | 107-1 | 0.01    | 0.02    | 0.00    | 0.01       | 82.66   | ppb   |
| Sodium     | 23-2  | 25.68   | 33.61   | 24.82   | 28.04      | 17.28   | ppb   |
| Strontium  | 86-1  | -0.04   | 0.01    | -0.06   | -0.03      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.01    | 0.01    | 0.01       | 39.06   | ppb   |
| Sulfur     | 34-1  | -466.47 | -229.99 | -422.57 | -373.01    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 104        |         | %     |
| Terbium    | 159-2 |         |         |         | 98         |         | %     |
| Thallium   | 203-1 | 0.09    | 0.12    | 0.08    | 0.09       | 19.88   | ppb   |
| Thallium   | 205-1 | 0.09    | 0.08    | 0.08    | 0.08       | 7.83    | ppb   |
| Tin        | 118-1 | 0.22    | 0.18    | 0.22    | 0.20       | 10.92   | ppb   |
| Titanium   | 47-1  | 0.00    | 0.02    | 0.03    | 0.02       | 81.55   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.01    | 0.00       | 411.81  | ppb   |
| Yttrium    | 89-1  |         |         |         | 101        |         | %     |
| Yttrium    | 89-2  |         |         |         | 97         |         | %     |
| Zinc       | 66-2  | -0.65   | -0.66   | -0.62   | -0.64      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB070              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB070              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:17:58 | DataFile Name :   | 022CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.10    | 0.10    | 0.10    | 0.10       | 0.65    | ppb   |
| Zirconium | 91-1 | 0.09    | 0.16    | 0.08    | 0.11       | 38.66   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB113245BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:21:20 | DataFile Name :   | 023CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.67     | 1.07     | -0.10   | 0.55       | 108.80  | ppb   |
| Antimony   | 121-1 | 0.12     | 0.11     | 0.13    | 0.12       | 8.97    | ppb   |
| Arsenic    | 75-2  | 0.00     | 0.06     | 0.02    | 0.03       | 112.23  | ppb   |
| Barium     | 135-1 | 0.01     | 0.02     | 0.00    | 0.01       | 79.23   | ppb   |
| Barium     | 137-1 | -0.01    | -0.01    | 0.00    | -0.01      |         | ppb   |
| Beryllium  | 9-1   | 0.08     | 0.05     | 0.10    | 0.08       | 33.68   | ppb   |
| Bismuth    | 209-1 |          |          |         | 103        |         | %     |
| Bismuth    | 209-2 |          |          |         | 97         |         | %     |
| Boron      | 10-1  | 2.89     | 3.85     | 3.40    | 3.38       | 14.18   | ppb   |
| Boron      | 11-1  | 3.48     | 3.35     | 3.58    | 3.47       | 3.29    | ppb   |
| Cadmium    | 111-1 | -0.03    | 0.07     | 0.00    | 0.01       | 450.88  | ppb   |
| Cadmium    | 106-1 | -0.55    | 0.83     | -0.15   | 0.04       | 1584.91 | ppb   |
| Cadmium    | 108-1 | -0.07    | -0.01    | -0.01   | -0.03      |         | ppb   |
| Calcium    | 43-1  | -6.42    | 2.13     | -4.34   | -2.88      |         | ppb   |
| Calcium    | 44-1  | 3.89     | 2.61     | 4.20    | 3.56       | 23.69   | ppb   |
| Chromium   | 52-2  | 0.09     | 0.01     | 0.04    | 0.05       | 85.72   | ppb   |
| Cobalt     | 59-2  | 0.00     | 0.00     | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.00     | -0.02    | -0.05   | -0.02      |         | ppb   |
| Dysprosium | 156-1 |          |          |         |            |         | cps   |
| Dysprosium | 156-2 |          |          |         |            |         | cps   |
| Erbium     | 164-1 |          |          |         |            |         | cps   |
| Erbium     | 164-2 |          |          |         |            |         | cps   |
| Gadolinium | 160-1 |          |          |         |            |         | cps   |
| Gadolinium | 160-2 |          |          |         |            |         | cps   |
| Holmium    | 165-1 |          |          |         | 102        |         | %     |
| Holmium    | 165-2 |          |          |         | 97         |         | %     |
| Indium     | 115-1 |          |          |         | 100        |         | %     |
| Indium     | 115-2 |          |          |         | 94         |         | %     |
| Iron       | 56-2  | 1.32     | 0.83     | 1.25    | 1.13       | 23.31   | ppb   |
| Iron       | 57-2  | -1.50    | -0.57    | 2.21    | 0.05       | 4106.57 | ppb   |
| Krypton    | 83-1  | -1391.94 | -4957.02 | 1171.62 | -1725.78   |         | ppb   |
| Lead       | 206-1 | 0.03     | 0.02     | 0.03    | 0.03       | 19.69   | ppb   |
| Lead       | 207-1 | 0.03     | 0.03     | 0.03    | 0.03       | 6.37    | ppb   |
| Lead       | 208-1 | 0.03     | 0.03     | 0.03    | 0.03       | 13.60   | ppb   |
| Lithium    | 6-1   |          |          |         | 100        |         | %     |
| Magnesium  | 24-2  | 4.60     | 5.72     | 1.28    | 3.87       | 59.74   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB113245BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:21:20 | DataFile Name :   | 023CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | -0.08   | -0.08   | 0.01    | -0.05      |         | ppb   |
| Molybdenum | 94-1  | 0.18    | 0.22    | 0.19    | 0.20       | 8.40    | ppb   |
| Molybdenum | 95-1  | 0.10    | 0.08    | 0.12    | 0.10       | 19.63   | ppb   |
| Molybdenum | 96-1  | 0.08    | 0.10    | 0.09    | 0.09       | 8.09    | ppb   |
| Molybdenum | 97-1  | 0.09    | 0.07    | 0.08    | 0.08       | 13.96   | ppb   |
| Molybdenum | 98-1  | 0.08    | 0.10    | 0.09    | 0.09       | 11.64   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.03    | 0.03    | 0.09    | 0.05       | 62.82   | ppb   |
| Phosphorus | 31-2  | -12.65  | 2.51    | -12.65  | -7.60      |         | ppb   |
| Potassium  | 39-2  | 21.86   | 6.57    | 13.74   | 14.06      | 54.44   | ppb   |
| Rhodium    | 103-1 |         |         |         | 101        |         | %     |
| Rhodium    | 103-2 |         |         |         | 95         |         | %     |
| Scandium   | 45-1  |         |         |         | 97         |         | %     |
| Scandium   | 45-2  |         |         |         | 93         |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.59   | 1.28    | 1.90    | 0.86       | 150.55  | ppb   |
| Selenium   | 82-1  | 0.15    | -0.39   | -0.13   | -0.13      |         | ppb   |
| Silicon    | 28-1  | 1.57    | 0.29    | 0.67    | 0.84       | 78.16   | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.01    | 0.00       | 219.42  | ppb   |
| Silver     | 107-1 | 0.01    | 0.01    | 0.01    | 0.01       | 42.08   | ppb   |
| Sodium     | 23-2  | 30.37   | 26.48   | 21.12   | 25.99      | 17.86   | ppb   |
| Strontium  | 86-1  | -0.02   | 0.00    | 0.01    | 0.00       |         | ppb   |
| Strontium  | 88-1  | 0.01    | 0.01    | 0.01    | 0.01       | 41.64   | ppb   |
| Sulfur     | 34-1  | -14.94  | -357.13 | -14.98  | -129.02    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 103        |         | %     |
| Terbium    | 159-2 |         |         |         | 95         |         | %     |
| Thallium   | 203-1 | 0.06    | 0.05    | 0.05    | 0.05       | 5.75    | ppb   |
| Thallium   | 205-1 | 0.06    | 0.05    | 0.07    | 0.06       | 16.42   | ppb   |
| Tin        | 118-1 | 0.11    | 0.12    | 0.15    | 0.13       | 16.02   | ppb   |
| Titanium   | 47-1  | 0.00    | -0.03   | 0.01    | 0.00       |         | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.01    | 0.00       | 154.50  | ppb   |
| Yttrium    | 89-1  |         |         |         | 100        |         | %     |
| Yttrium    | 89-2  |         |         |         | 93         |         | %     |
| Zinc       | 66-2  | -0.34   | -0.60   | -0.76   | -0.57      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB113245BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:21:20 | DataFile Name :   | 023CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.06    | 0.07    | 0.08    | 0.07       | 9.12    | ppb   |
| Zirconium | 91-1 | 0.08    | 0.10    | 0.06    | 0.08       | 23.98   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB113245BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:24:42 | DataFile Name :   | 024LCSE.d |

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 32.11   | 43.77    | 36.03   | 37.30      | 15.90   | ppb   |
| Antimony   | 121-1 | 3.43    | 3.45     | 3.56    | 3.48       | 2.00    | ppb   |
| Arsenic    | 75-2  | 1.84    | 1.75     | 1.93    | 1.84       | 4.99    | ppb   |
| Barium     | 135-1 | 19.67   | 19.21    | 19.19   | 19.36      | 1.41    | ppb   |
| Barium     | 137-1 | 19.71   | 19.42    | 18.72   | 19.28      | 2.64    | ppb   |
| Beryllium  | 9-1   | 1.92    | 2.02     | 1.96    | 1.97       | 2.38    | ppb   |
| Bismuth    | 209-1 |         |          |         | 102        |         | %     |
| Bismuth    | 209-2 |         |          |         | 99         |         | %     |
| Boron      | 10-1  | 42.97   | 44.74    | 42.68   | 43.46      | 2.57    | ppb   |
| Boron      | 11-1  | 40.80   | 42.13    | 41.83   | 41.59      | 1.68    | ppb   |
| Cadmium    | 111-1 | 1.84    | 1.81     | 1.89    | 1.85       | 2.23    | ppb   |
| Cadmium    | 106-1 | 1.60    | 1.52     | 1.24    | 1.45       | 13.18   | ppb   |
| Cadmium    | 108-1 | 1.69    | 1.66     | 2.20    | 1.85       | 16.51   | ppb   |
| Calcium    | 43-1  | 934.69  | 922.05   | 940.51  | 932.42     | 1.01    | ppb   |
| Calcium    | 44-1  | 933.13  | 904.38   | 941.51  | 926.34     | 2.10    | ppb   |
| Chromium   | 52-2  | 3.95    | 4.10     | 3.75    | 3.94       | 4.52    | ppb   |
| Cobalt     | 59-2  | 1.94    | 1.96     | 1.76    | 1.89       | 5.72    | ppb   |
| Copper     | 63-2  | 3.79    | 3.77     | 3.79    | 3.78       | 0.25    | ppb   |
| Dysprosium | 156-1 |         |          |         |            |         | cps   |
| Dysprosium | 156-2 |         |          |         |            |         | cps   |
| Erbium     | 164-1 |         |          |         |            |         | cps   |
| Erbium     | 164-2 |         |          |         |            |         | cps   |
| Gadolinium | 160-1 |         |          |         |            |         | cps   |
| Gadolinium | 160-2 |         |          |         |            |         | cps   |
| Holmium    | 165-1 |         |          |         | 103        |         | %     |
| Holmium    | 165-2 |         |          |         | 101        |         | %     |
| Indium     | 115-1 |         |          |         | 101        |         | %     |
| Indium     | 115-2 |         |          |         | 97         |         | %     |
| Iron       | 56-2  | 397.82  | 388.74   | 380.21  | 388.92     | 2.27    | ppb   |
| Iron       | 57-2  | 394.50  | 375.40   | 395.94  | 388.61     | 2.95    | ppb   |
| Krypton    | 83-1  | 32.02   | -2775.02 | 4190.27 | 482.43     | 726.42  | ppb   |
| Lead       | 206-1 | 1.83    | 1.79     | 1.94    | 1.85       | 4.27    | ppb   |
| Lead       | 207-1 | 1.83    | 1.78     | 1.72    | 1.78       | 2.98    | ppb   |
| Lead       | 208-1 | 1.85    | 1.80     | 1.82    | 1.82       | 1.44    | ppb   |
| Lithium    | 6-1   |         |          |         | 100        |         | %     |
| Magnesium  | 24-2  | 1010.79 | 954.26   | 962.80  | 975.95     | 3.12    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB113245BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:24:42 | DataFile Name :   | 024LCSE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 1.61    | 1.60    | 1.84    | 1.68       | 7.91    | ppb   |
| Molybdenum | 94-1  | 9.99    | 9.86    | 9.98    | 9.94       | 0.76    | ppb   |
| Molybdenum | 95-1  | 10.16   | 9.87    | 10.00   | 10.01      | 1.47    | ppb   |
| Molybdenum | 96-1  | 9.67    | 9.59    | 10.12   | 9.79       | 2.91    | ppb   |
| Molybdenum | 97-1  | 10.06   | 9.56    | 9.78    | 9.80       | 2.59    | ppb   |
| Molybdenum | 98-1  | 9.92    | 9.62    | 9.84    | 9.79       | 1.57    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 2.21    | 2.27    | 2.06    | 2.18       | 5.07    | ppb   |
| Phosphorus | 31-2  | -12.65  | 2.36    | 16.68   | 2.13       | 688.73  | ppb   |
| Potassium  | 39-2  | 959.30  | 964.51  | 940.28  | 954.70     | 1.34    | ppb   |
| Rhodium    | 103-1 |         |         |         | 101        |         | %     |
| Rhodium    | 103-2 |         |         |         | 98         |         | %     |
| Scandium   | 45-1  |         |         |         | 97         |         | %     |
| Scandium   | 45-2  |         |         |         | 96         |         | %     |
| Selenium   | 77-2  | 7.66    | 0.00    | 3.64    | 3.77       | 101.66  | ppb   |
| Selenium   | 78-2  | 7.53    | 5.50    | 3.58    | 5.54       | 35.71   | ppb   |
| Selenium   | 82-1  | 6.17    | 5.87    | 6.61    | 6.22       | 6.05    | ppb   |
| Silicon    | 28-1  | 24.78   | 23.76   | 25.14   | 24.56      | 2.92    | ppb   |
| Silver     | 109-1 | 1.82    | 1.91    | 1.92    | 1.88       | 2.93    | ppb   |
| Silver     | 107-1 | 1.93    | 1.97    | 1.79    | 1.90       | 4.79    | ppb   |
| Sodium     | 23-2  | 1023.03 | 973.45  | 991.00  | 995.83     | 2.52    | ppb   |
| Strontium  | 86-1  | 1.71    | 1.83    | 1.77    | 1.77       | 3.40    | ppb   |
| Strontium  | 88-1  | 1.93    | 1.85    | 1.88    | 1.89       | 2.09    | ppb   |
| Sulfur     | 34-1  | 63.03   | -395.11 | -111.23 | -147.77    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 103        |         | %     |
| Terbium    | 159-2 |         |         |         | 98         |         | %     |
| Thallium   | 203-1 | 1.91    | 1.88    | 1.87    | 1.88       | 1.15    | ppb   |
| Thallium   | 205-1 | 1.82    | 1.86    | 1.93    | 1.87       | 3.09    | ppb   |
| Tin        | 118-1 | 10.11   | 9.90    | 9.85    | 9.96       | 1.37    | ppb   |
| Titanium   | 47-1  | 10.37   | 10.04   | 9.90    | 10.11      | 2.37    | ppb   |
| Uranium    | 238-1 | 3.86    | 3.88    | 3.95    | 3.90       | 1.14    | ppb   |
| Vanadium   | 51-2  | 10.17   | 10.02   | 9.83    | 10.01      | 1.71    | ppb   |
| Yttrium    | 89-1  |         |         |         | 101        |         | %     |
| Yttrium    | 89-2  |         |         |         | 98         |         | %     |
| Zinc       | 66-2  | 3.52    | 3.27    | 3.25    | 3.35       | 4.49    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB113245BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:24:42 | DataFile Name :   | 024LCSE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 2.06    | 2.01    | 2.01    | 2.02       | 1.39    | ppb   |
| Zirconium | 91-1 | 2.05    | 1.86    | 2.09    | 2.00       | 6.22    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKP3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:28:04 | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 13198.61 | 13575.74 | 13498.88 | 13424.41   | 1.48    | ppb   |
| Antimony   | 121-1 | 0.46     | 0.53     | 0.55     | 0.51       | 8.71    | ppb   |
| Arsenic    | 75-2  | 14.51    | 14.89    | 14.54    | 14.65      | 1.46    | ppb   |
| Barium     | 135-1 | 248.94   | 249.09   | 266.02   | 254.68     | 3.86    | ppb   |
| Barium     | 137-1 | 244.61   | 245.82   | 264.36   | 251.60     | 4.40    | ppb   |
| Beryllium  | 9-1   | 1.09     | 0.93     | 1.10     | 1.04       | 8.91    | ppb   |
| Bismuth    | 209-1 |          |          |          | 102        |         | %     |
| Bismuth    | 209-2 |          |          |          | 101        |         | %     |
| Boron      | 10-1  | 16.91    | 16.85    | 17.68    | 17.15      | 2.70    | ppb   |
| Boron      | 11-1  | 15.63    | 15.63    | 16.74    | 16.00      | 3.99    | ppb   |
| Cadmium    | 111-1 | 0.27     | 0.36     | 0.48     | 0.37       | 28.04   | ppb   |
| Cadmium    | 106-1 | 0.56     | 1.51     | 2.18     | 1.42       | 57.48   | ppb   |
| Cadmium    | 108-1 | 1.10     | 0.67     | 0.70     | 0.82       | 28.80   | ppb   |
| Calcium    | 43-1  | 8159.93  | 8183.53  | 8771.10  | 8371.52    | 4.14    | ppb   |
| Calcium    | 44-1  | 8285.56  | 8344.13  | 8952.84  | 8527.51    | 4.33    | ppb   |
| Chromium   | 52-2  | 14.84    | 15.15    | 15.67    | 15.22      | 2.75    | ppb   |
| Cobalt     | 59-2  | 12.12    | 12.47    | 12.52    | 12.37      | 1.74    | ppb   |
| Copper     | 63-2  | 55.53    | 56.50    | 56.65    | 56.23      | 1.08    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 103        |         | %     |
| Holmium    | 165-2 |          |          |          | 103        |         | %     |
| Indium     | 115-1 |          |          |          | 101        |         | %     |
| Indium     | 115-2 |          |          |          | 100        |         | %     |
| Iron       | 56-2  | 23213.97 | 23575.13 | 23719.17 | 23502.75   | 1.11    | ppb   |
| Iron       | 57-2  | 22912.80 | 23436.26 | 23640.16 | 23329.74   | 1.61    | ppb   |
| Krypton    | 83-1  | 2513.49  | -2340.98 | -1028.39 | -285.30    |         | ppb   |
| Lead       | 206-1 | 15.22    | 15.02    | 16.53    | 15.59      | 5.25    | ppb   |
| Lead       | 207-1 | 13.73    | 13.33    | 14.96    | 14.01      | 6.06    | ppb   |
| Lead       | 208-1 | 14.41    | 14.22    | 15.62    | 14.75      | 5.15    | ppb   |
| Lithium    | 6-1   |          |          |          | 103        |         | %     |
| Magnesium  | 24-2  | 8349.28  | 8519.77  | 8583.21  | 8484.09    | 1.43    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKP3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:28:04 | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|---------|------------|---------|-------|
| Manganese  | 55-2  | 872.94   | 899.83   | 900.29  | 891.02     | 1.76    | ppb   |
| Molybdenum | 94-1  | 12.68    | 12.82    | 13.42   | 12.97      | 3.01    | ppb   |
| Molybdenum | 95-1  | 1.03     | 1.04     | 1.09    | 1.05       | 3.05    | ppb   |
| Molybdenum | 96-1  | 2.51     | 2.59     | 2.57    | 2.56       | 1.60    | ppb   |
| Molybdenum | 97-1  | 1.10     | 0.96     | 1.05    | 1.04       | 6.72    | ppb   |
| Molybdenum | 98-1  | 1.00     | 1.00     | 1.08    | 1.02       | 4.59    | ppb   |
| Neodymium  | 150-1 |          |          |         |            |         | cps   |
| Neodymium  | 150-2 |          |          |         |            |         | cps   |
| Nickel     | 60-2  | 14.34    | 15.23    | 15.24   | 14.94      | 3.47    | ppb   |
| Phosphorus | 31-2  | 1228.54  | 934.86   | 1090.24 | 1084.55    | 13.55   | ppb   |
| Potassium  | 39-2  | 3966.54  | 4215.53  | 4060.32 | 4080.80    | 3.08    | ppb   |
| Rhodium    | 103-1 |          |          |         | 100        |         | %     |
| Rhodium    | 103-2 |          |          |         | 101        |         | %     |
| Scandium   | 45-1  |          |          |         | 101        |         | %     |
| Scandium   | 45-2  |          |          |         | 103        |         | %     |
| Selenium   | 77-2  | 20.59    | 30.74    | 45.37   | 32.23      | 38.65   | ppb   |
| Selenium   | 78-2  | 3.33     | 2.20     | 3.97    | 3.17       | 28.34   | ppb   |
| Selenium   | 82-1  | 0.49     | 0.46     | 1.14    | 0.70       | 55.18   | ppb   |
| Silicon    | 28-1  | 2955.04  | 2958.73  | 3220.77 | 3044.85    | 5.00    | ppb   |
| Silver     | 109-1 | 0.43     | 0.49     | 0.54    | 0.49       | 10.44   | ppb   |
| Silver     | 107-1 | 0.43     | 0.47     | 0.53    | 0.48       | 10.59   | ppb   |
| Sodium     | 23-2  | 658.86   | 672.20   | 687.10  | 672.72     | 2.10    | ppb   |
| Strontium  | 86-1  | 114.25   | 113.76   | 121.18  | 116.40     | 3.56    | ppb   |
| Strontium  | 88-1  | 117.60   | 118.79   | 127.89  | 121.43     | 4.64    | ppb   |
| Sulfur     | 34-1  | -1217.10 | -1362.37 | -464.06 | -1014.51   |         | ppb   |
| Terbium    | 159-1 |          |          |         | 103        |         | %     |
| Terbium    | 159-2 |          |          |         | 102        |         | %     |
| Thallium   | 203-1 | 0.60     | 0.55     | 0.71    | 0.62       | 13.36   | ppb   |
| Thallium   | 205-1 | 0.58     | 0.63     | 0.71    | 0.64       | 10.25   | ppb   |
| Tin        | 118-1 | 0.85     | 0.84     | 0.97    | 0.89       | 8.36    | ppb   |
| Titanium   | 47-1  | 454.38   | 452.57   | 491.96  | 466.31     | 4.77    | ppb   |
| Uranium    | 238-1 | 4.81     | 4.72     | 5.24    | 4.92       | 5.68    | ppb   |
| Vanadium   | 51-2  | 54.76    | 56.89    | 56.99   | 56.21      | 2.24    | ppb   |
| Yttrium    | 89-1  |          |          |         | 106        |         | %     |
| Yttrium    | 89-2  |          |          |         | 106        |         | %     |
| Zinc       | 66-2  | 78.55    | 80.26    | 81.82   | 80.21      | 2.04    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKP3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:28:04 | DataFile Name :   | 025SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 7.74    | 7.75    | 8.36    | 7.95       | 4.49    | ppb   |
| Zirconium | 91-1 | 7.72    | 7.41    | 8.22    | 7.78       | 5.30    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKP4              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:31:24 | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 26327.43 | 26073.99 | 26087.97 | 26163.13   | 0.54    | ppb   |
| Antimony   | 121-1 | 0.58     | 0.58     | 0.59     | 0.58       | 0.85    | ppb   |
| Arsenic    | 75-2  | 27.13    | 27.27    | 26.72    | 27.04      | 1.05    | ppb   |
| Barium     | 135-1 | 411.64   | 412.71   | 409.23   | 411.19     | 0.43    | ppb   |
| Barium     | 137-1 | 409.03   | 409.68   | 408.21   | 408.97     | 0.18    | ppb   |
| Beryllium  | 9-1   | 2.07     | 2.08     | 2.12     | 2.09       | 1.19    | ppb   |
| Bismuth    | 209-1 |          |          |          | 103        |         | %     |
| Bismuth    | 209-2 |          |          |          | 101        |         | %     |
| Boron      | 10-1  | 26.06    | 28.65    | 28.18    | 27.63      | 4.98    | ppb   |
| Boron      | 11-1  | 26.26    | 25.14    | 26.77    | 26.06      | 3.19    | ppb   |
| Cadmium    | 111-1 | 0.52     | 0.66     | 0.67     | 0.62       | 13.75   | ppb   |
| Cadmium    | 106-1 | 1.47     | 3.38     | 3.16     | 2.67       | 39.15   | ppb   |
| Cadmium    | 108-1 | 1.19     | 1.78     | 1.15     | 1.37       | 25.80   | ppb   |
| Calcium    | 43-1  | 19346.90 | 19112.78 | 18899.11 | 19119.60   | 1.17    | ppb   |
| Calcium    | 44-1  | 19376.03 | 19340.52 | 18859.40 | 19191.98   | 1.50    | ppb   |
| Chromium   | 52-2  | 26.03    | 26.02    | 26.91    | 26.32      | 1.95    | ppb   |
| Cobalt     | 59-2  | 21.48    | 21.86    | 22.01    | 21.78      | 1.24    | ppb   |
| Copper     | 63-2  | 83.80    | 84.13    | 84.91    | 84.28      | 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 |          |          |          | 105        |         | %     |
| Holmium    | 165-2 |          |          |          | 103        |         | %     |
| Indium     | 115-1 |          |          |          | 103        |         | %     |
| Indium     | 115-2 |          |          |          | 100        |         | %     |
| Iron       | 56-2  | 48226.80 | 47608.43 | 48122.32 | 47985.85   | 0.69    | ppb   |
| Iron       | 57-2  | 47464.79 | 47457.23 | 47430.22 | 47450.75   | 0.04    | ppb   |
| Krypton    | 83-1  | -3227.20 | -1168.07 | -9.33    | -1468.20   |         | ppb   |
| Lead       | 206-1 | 29.19    | 28.93    | 28.65    | 28.92      | 0.93    | ppb   |
| Lead       | 207-1 | 25.77    | 25.60    | 25.30    | 25.56      | 0.92    | ppb   |
| Lead       | 208-1 | 27.52    | 27.09    | 26.92    | 27.18      | 1.13    | ppb   |
| Lithium    | 6-1   |          |          |          | 104        |         | %     |
| Magnesium  | 24-2  | 16572.48 | 16300.25 | 16677.24 | 16516.66   | 1.18    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKP4              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:31:24 | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 1825.69 | 1797.87 | 1806.53 | 1810.03    | 0.79    | ppb   |
| Molybdenum | 94-1  | 18.69   | 18.63   | 18.20   | 18.51      | 1.44    | ppb   |
| Molybdenum | 95-1  | 3.92    | 3.86    | 3.85    | 3.88       | 0.93    | ppb   |
| Molybdenum | 96-1  | 5.76    | 5.83    | 5.57    | 5.72       | 2.36    | ppb   |
| Molybdenum | 97-1  | 3.90    | 3.96    | 3.80    | 3.89       | 2.11    | ppb   |
| Molybdenum | 98-1  | 4.03    | 3.85    | 3.79    | 3.89       | 3.20    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 27.91   | 28.09   | 27.39   | 27.80      | 1.31    | ppb   |
| Phosphorus | 31-2  | 1922.80 | 1777.96 | 1697.38 | 1799.38    | 6.35    | ppb   |
| Potassium  | 39-2  | 8053.81 | 7970.87 | 7980.73 | 8001.80    | 0.57    | ppb   |
| Rhodium    | 103-1 |         |         |         | 102        |         | %     |
| Rhodium    | 103-2 |         |         |         | 101        |         | %     |
| Scandium   | 45-1  |         |         |         | 104        |         | %     |
| Scandium   | 45-2  |         |         |         | 105        |         | %     |
| Selenium   | 77-2  | 72.46   | 60.00   | 56.06   | 62.84      | 13.62   | ppb   |
| Selenium   | 78-2  | 11.25   | 8.67    | 9.11    | 9.67       | 14.27   | ppb   |
| Selenium   | 82-1  | 0.83    | 0.90    | 1.15    | 0.96       | 17.57   | ppb   |
| Silicon    | 28-1  | 3151.33 | 3153.82 | 3061.33 | 3122.16    | 1.69    | ppb   |
| Silver     | 109-1 | 0.72    | 0.75    | 0.81    | 0.76       | 6.23    | ppb   |
| Silver     | 107-1 | 0.71    | 0.68    | 0.79    | 0.73       | 7.94    | ppb   |
| Sodium     | 23-2  | 1291.21 | 1282.63 | 1297.48 | 1290.44    | 0.58    | ppb   |
| Strontium  | 86-1  | 220.63  | 220.84  | 215.39  | 218.95     | 1.41    | ppb   |
| Strontium  | 88-1  | 223.64  | 224.23  | 222.15  | 223.34     | 0.48    | ppb   |
| Sulfur     | 34-1  | 3803.30 | 3782.53 | 3197.49 | 3594.44    | 9.57    | ppb   |
| Terbium    | 159-1 |         |         |         | 105        |         | %     |
| Terbium    | 159-2 |         |         |         | 103        |         | %     |
| Thallium   | 203-1 | 0.91    | 0.97    | 0.97    | 0.95       | 3.48    | ppb   |
| Thallium   | 205-1 | 0.92    | 0.94    | 0.95    | 0.94       | 1.39    | ppb   |
| Tin        | 118-1 | 1.35    | 1.40    | 1.31    | 1.35       | 3.24    | ppb   |
| Titanium   | 47-1  | 704.25  | 700.38  | 695.42  | 700.02     | 0.63    | ppb   |
| Uranium    | 238-1 | 14.22   | 14.26   | 14.17   | 14.22      | 0.33    | ppb   |
| Vanadium   | 51-2  | 108.50  | 107.33  | 107.33  | 107.72     | 0.63    | ppb   |
| Yttrium    | 89-1  |         |         |         | 112        |         | %     |
| Yttrium    | 89-2  |         |         |         | 110        |         | %     |
| Zinc       | 66-2  | 141.34  | 140.90  | 143.16  | 141.80     | 0.84    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKP4              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:31:24 | DataFile Name :   | 026SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 10.36   | 10.33   | 10.19   | 10.29      | 0.90    | ppb   |
| Zirconium | 91-1 | 10.28   | 10.51   | 9.97    | 10.25      | 2.68    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY5              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:34:44 | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 27380.27 | 27266.80 | 27743.43 | 27463.50   | 0.91    | ppb   |
| Antimony   | 121-1 | 0.52     | 0.52     | 0.48     | 0.51       | 4.65    | ppb   |
| Arsenic    | 75-2  | 25.46    | 24.99    | 26.63    | 25.69      | 3.29    | ppb   |
| Barium     | 135-1 | 427.67   | 428.67   | 426.37   | 427.57     | 0.27    | ppb   |
| Barium     | 137-1 | 429.12   | 427.18   | 422.44   | 426.25     | 0.81    | ppb   |
| Beryllium  | 9-1   | 2.13     | 2.10     | 2.27     | 2.17       | 4.20    | ppb   |
| Bismuth    | 209-1 |          |          |          | 103        |         | %     |
| Bismuth    | 209-2 |          |          |          | 101        |         | %     |
| Boron      | 10-1  | 25.93    | 27.64    | 27.92    | 27.16      | 3.97    | ppb   |
| Boron      | 11-1  | 25.20    | 26.31    | 25.80    | 25.77      | 2.16    | ppb   |
| Cadmium    | 111-1 | 0.57     | 0.63     | 0.54     | 0.58       | 8.28    | ppb   |
| Cadmium    | 106-1 | 2.94     | 3.21     | 1.89     | 2.68       | 26.02   | ppb   |
| Cadmium    | 108-1 | 1.38     | 1.51     | 1.22     | 1.37       | 10.53   | ppb   |
| Calcium    | 43-1  | 26256.96 | 26422.09 | 25730.84 | 26136.63   | 1.38    | ppb   |
| Calcium    | 44-1  | 26115.09 | 26070.43 | 25939.36 | 26041.63   | 0.35    | ppb   |
| Chromium   | 52-2  | 26.05    | 26.19    | 26.75    | 26.33      | 1.42    | ppb   |
| Cobalt     | 59-2  | 22.26    | 21.71    | 22.49    | 22.15      | 1.80    | ppb   |
| Copper     | 63-2  | 83.32    | 80.91    | 84.08    | 82.77      | 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 |          |          |          | 106        |         | %     |
| Holmium    | 165-2 |          |          |          | 102        |         | %     |
| Indium     | 115-1 |          |          |          | 103        |         | %     |
| Indium     | 115-2 |          |          |          | 99         |         | %     |
| Iron       | 56-2  | 49466.91 | 48243.67 | 49480.85 | 49063.81   | 1.45    | ppb   |
| Iron       | 57-2  | 49046.29 | 48128.40 | 49405.88 | 48860.19   | 1.35    | ppb   |
| Krypton    | 83-1  | 2534.39  | -153.72  | 1070.60  | 1150.43    | 116.99  | ppb   |
| Lead       | 206-1 | 29.09    | 29.16    | 29.49    | 29.24      | 0.72    | ppb   |
| Lead       | 207-1 | 25.77    | 25.36    | 25.65    | 25.59      | 0.81    | ppb   |
| Lead       | 208-1 | 27.16    | 27.21    | 27.21    | 27.19      | 0.10    | ppb   |
| Lithium    | 6-1   |          |          |          | 102        |         | %     |
| Magnesium  | 24-2  | 17327.19 | 16997.10 | 17540.63 | 17288.31   | 1.58    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY5              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:34:44 | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 2038.42 | 2006.21 | 2072.31 | 2038.98    | 1.62    | ppb   |
| Molybdenum | 94-1  | 17.36   | 17.04   | 17.37   | 17.26      | 1.09    | ppb   |
| Molybdenum | 95-1  | 2.62    | 2.50    | 2.68    | 2.60       | 3.52    | ppb   |
| Molybdenum | 96-1  | 4.32    | 4.49    | 4.52    | 4.44       | 2.51    | ppb   |
| Molybdenum | 97-1  | 2.51    | 2.42    | 2.57    | 2.50       | 2.95    | ppb   |
| Molybdenum | 98-1  | 2.64    | 2.48    | 2.62    | 2.58       | 3.37    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 28.59   | 28.24   | 28.45   | 28.43      | 0.63    | ppb   |
| Phosphorus | 31-2  | 1683.32 | 1584.51 | 2315.79 | 1861.21    | 21.32   | ppb   |
| Potassium  | 39-2  | 8485.72 | 8352.35 | 8601.79 | 8479.95    | 1.47    | ppb   |
| Rhodium    | 103-1 |         |         |         | 103        |         | %     |
| Rhodium    | 103-2 |         |         |         | 101        |         | %     |
| Scandium   | 45-1  |         |         |         | 104        |         | %     |
| Scandium   | 45-2  |         |         |         | 103        |         | %     |
| Selenium   | 77-2  | 47.26   | 62.97   | 71.50   | 60.58      | 20.30   | ppb   |
| Selenium   | 78-2  | 8.23    | 10.78   | 7.75    | 8.92       | 18.24   | ppb   |
| Selenium   | 82-1  | 0.90    | 1.05    | 0.75    | 0.90       | 16.98   | ppb   |
| Silicon    | 28-1  | 3225.94 | 3173.18 | 3173.20 | 3190.77    | 0.95    | ppb   |
| Silver     | 109-1 | 0.60    | 0.63    | 0.63    | 0.62       | 2.50    | ppb   |
| Silver     | 107-1 | 0.61    | 0.62    | 0.68    | 0.64       | 6.35    | ppb   |
| Sodium     | 23-2  | 1228.50 | 1203.91 | 1255.65 | 1229.35    | 2.11    | ppb   |
| Strontium  | 86-1  | 238.33  | 236.94  | 237.95  | 237.74     | 0.30    | ppb   |
| Strontium  | 88-1  | 240.11  | 241.17  | 242.79  | 241.36     | 0.56    | ppb   |
| Sulfur     | 34-1  | 3499.49 | 3508.76 | 3266.30 | 3424.85    | 4.01    | ppb   |
| Terbium    | 159-1 |         |         |         | 106        |         | %     |
| Terbium    | 159-2 |         |         |         | 101        |         | %     |
| Thallium   | 203-1 | 0.89    | 0.94    | 0.91    | 0.91       | 2.89    | ppb   |
| Thallium   | 205-1 | 0.87    | 0.87    | 0.85    | 0.86       | 1.43    | ppb   |
| Tin        | 118-1 | 1.37    | 1.43    | 1.38    | 1.39       | 2.36    | ppb   |
| Titanium   | 47-1  | 691.05  | 690.26  | 685.38  | 688.90     | 0.45    | ppb   |
| Uranium    | 238-1 | 10.70   | 10.59   | 10.54   | 10.61      | 0.75    | ppb   |
| Vanadium   | 51-2  | 109.40  | 106.76  | 112.21  | 109.45     | 2.49    | ppb   |
| Yttrium    | 89-1  |         |         |         | 113        |         | %     |
| Yttrium    | 89-2  |         |         |         | 108        |         | %     |
| Zinc       | 66-2  | 143.69  | 143.86  | 145.92  | 144.49     | 0.86    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY5              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:34:44 | DataFile Name :   | 027SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 10.20   | 10.16   | 10.12   | 10.16      | 0.37    | ppb   |
| Zirconium | 91-1 | 9.94    | 10.35   | 9.90    | 10.06      | 2.46    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY6              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:38:04 | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 31503.03 | 30448.19 | 31065.90 | 31005.71   | 1.71    | ppb   |
| Antimony   | 121-1 | 0.54     | 0.51     | 0.55     | 0.53       | 3.78    | ppb   |
| Arsenic    | 75-2  | 31.64    | 30.12    | 30.75    | 30.84      | 2.49    | ppb   |
| Barium     | 135-1 | 503.32   | 473.94   | 479.92   | 485.73     | 3.20    | ppb   |
| Barium     | 137-1 | 514.03   | 469.66   | 469.84   | 484.51     | 5.28    | ppb   |
| Beryllium  | 9-1   | 2.69     | 2.42     | 2.41     | 2.51       | 6.36    | ppb   |
| Bismuth    | 209-1 |          |          |          | 101        |         | %     |
| Bismuth    | 209-2 |          |          |          | 100        |         | %     |
| Boron      | 10-1  | 29.76    | 28.99    | 27.29    | 28.68      | 4.39    | ppb   |
| Boron      | 11-1  | 28.46    | 27.19    | 27.69    | 27.78      | 2.32    | ppb   |
| Cadmium    | 111-1 | 0.45     | 0.48     | 0.45     | 0.46       | 3.36    | ppb   |
| Cadmium    | 106-1 | 1.58     | 2.25     | 1.97     | 1.93       | 17.44   | ppb   |
| Cadmium    | 108-1 | 1.26     | 1.56     | 1.28     | 1.37       | 12.39   | ppb   |
| Calcium    | 43-1  | 31650.70 | 28921.95 | 29463.01 | 30011.89   | 4.81    | ppb   |
| Calcium    | 44-1  | 31642.32 | 29302.33 | 29626.72 | 30190.46   | 4.20    | ppb   |
| Chromium   | 52-2  | 29.31    | 28.94    | 29.25    | 29.17      | 0.67    | ppb   |
| Cobalt     | 59-2  | 24.97    | 24.28    | 24.83    | 24.69      | 1.48    | ppb   |
| Copper     | 63-2  | 90.51    | 88.35    | 90.09    | 89.65      | 1.28    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 104        |         | %     |
| Holmium    | 165-2 |          |          |          | 104        |         | %     |
| Indium     | 115-1 |          |          |          | 101        |         | %     |
| Indium     | 115-2 |          |          |          | 99         |         | %     |
| Iron       | 56-2  | 55289.98 | 53269.48 | 54560.38 | 54373.28   | 1.88    | ppb   |
| Iron       | 57-2  | 54656.31 | 53114.21 | 54233.16 | 54001.23   | 1.48    | ppb   |
| Krypton    | 83-1  | -5771.13 | 962.79   | 4425.18  | -127.72    |         | ppb   |
| Lead       | 206-1 | 33.89    | 31.47    | 31.91    | 32.42      | 3.98    | ppb   |
| Lead       | 207-1 | 30.46    | 27.92    | 28.63    | 29.00      | 4.52    | ppb   |
| Lead       | 208-1 | 31.78    | 29.50    | 30.02    | 30.43      | 3.92    | ppb   |
| Lithium    | 6-1   |          |          |          | 100        |         | %     |
| Magnesium  | 24-2  | 20675.55 | 19896.40 | 20302.23 | 20291.39   | 1.92    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY6              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:38:04 | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 2119.75  | 2056.86  | 2101.53  | 2092.71    | 1.55    | ppb   |
| Molybdenum | 94-1  | 18.39    | 17.38    | 17.18    | 17.65      | 3.67    | ppb   |
| Molybdenum | 95-1  | 3.90     | 3.43     | 3.53     | 3.62       | 6.82    | ppb   |
| Molybdenum | 96-1  | 5.61     | 5.35     | 5.21     | 5.39       | 3.78    | ppb   |
| Molybdenum | 97-1  | 3.55     | 3.66     | 3.44     | 3.55       | 3.06    | ppb   |
| Molybdenum | 98-1  | 3.65     | 3.41     | 3.37     | 3.48       | 4.44    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 31.29    | 30.49    | 31.21    | 31.00      | 1.42    | ppb   |
| Phosphorus | 31-2  | 2174.52  | 1721.23  | 1953.92  | 1949.89    | 11.62   | ppb   |
| Potassium  | 39-2  | 10597.28 | 10058.98 | 10356.10 | 10337.45   | 2.61    | ppb   |
| Rhodium    | 103-1 |          |          |          | 101        |         | %     |
| Rhodium    | 103-2 |          |          |          | 100        |         | %     |
| Scandium   | 45-1  |          |          |          | 102        |         | %     |
| Scandium   | 45-2  |          |          |          | 103        |         | %     |
| Selenium   | 77-2  | 86.71    | 86.08    | 107.41   | 93.40      | 13.00   | ppb   |
| Selenium   | 78-2  | 9.76     | 9.69     | 9.83     | 9.76       | 0.73    | ppb   |
| Selenium   | 82-1  | 0.70     | 1.18     | 0.89     | 0.92       | 26.36   | ppb   |
| Silicon    | 28-1  | 3826.81  | 3489.08  | 3558.62  | 3624.84    | 4.92    | ppb   |
| Silver     | 109-1 | 0.58     | 0.50     | 0.57     | 0.55       | 7.86    | ppb   |
| Silver     | 107-1 | 0.59     | 0.55     | 0.62     | 0.58       | 6.23    | ppb   |
| Sodium     | 23-2  | 1454.01  | 1397.75  | 1434.18  | 1428.65    | 2.00    | ppb   |
| Strontium  | 86-1  | 287.48   | 265.81   | 270.08   | 274.46     | 4.18    | ppb   |
| Strontium  | 88-1  | 293.47   | 272.53   | 277.75   | 281.25     | 3.88    | ppb   |
| Sulfur     | 34-1  | 4887.32  | 3252.76  | 3435.93  | 3858.67    | 23.21   | ppb   |
| Terbium    | 159-1 |          |          |          | 104        |         | %     |
| Terbium    | 159-2 |          |          |          | 102        |         | %     |
| Thallium   | 203-1 | 1.02     | 0.93     | 1.04     | 1.00       | 5.68    | ppb   |
| Thallium   | 205-1 | 1.05     | 0.96     | 0.97     | 0.99       | 4.91    | ppb   |
| Tin        | 118-1 | 1.67     | 1.65     | 1.68     | 1.67       | 1.00    | ppb   |
| Titanium   | 47-1  | 751.97   | 697.19   | 697.73   | 715.63     | 4.40    | ppb   |
| Uranium    | 238-1 | 13.36    | 12.48    | 12.84    | 12.89      | 3.42    | ppb   |
| Vanadium   | 51-2  | 125.99   | 121.34   | 122.15   | 123.16     | 2.02    | ppb   |
| Yttrium    | 89-1  |          |          |          | 112        |         | %     |
| Yttrium    | 89-2  |          |          |          | 109        |         | %     |
| Zinc       | 66-2  | 172.87   | 170.98   | 171.32   | 171.72     | 0.59    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY6              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:38:04 | DataFile Name :   | 028SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 10.49   | 9.68    | 9.73    | 9.97       | 4.51    | ppb   |
| Zirconium | 91-1 | 10.79   | 9.34    | 9.91    | 10.01      | 7.30    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY7              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:41:23 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 32579.46 | 32236.57 | 32048.32 | 32288.12   | 0.83    | ppb   |
| Antimony   | 121-1 | 0.47     | 0.42     | 0.47     | 0.45       | 6.27    | ppb   |
| Arsenic    | 75-2  | 42.57    | 42.71    | 43.18    | 42.82      | 0.74    | ppb   |
| Barium     | 135-1 | 524.28   | 540.42   | 534.54   | 533.08     | 1.53    | ppb   |
| Barium     | 137-1 | 534.78   | 547.86   | 534.83   | 539.15     | 1.40    | ppb   |
| Beryllium  | 9-1   | 2.53     | 2.63     | 2.56     | 2.57       | 1.96    | ppb   |
| Bismuth    | 209-1 |          |          |          | 106        |         | %     |
| Bismuth    | 209-2 |          |          |          | 100        |         | %     |
| Boron      | 10-1  | 32.15    | 33.91    | 31.97    | 32.68      | 3.27    | ppb   |
| Boron      | 11-1  | 30.03    | 30.86    | 31.00    | 30.63      | 1.71    | ppb   |
| Cadmium    | 111-1 | 0.51     | 0.52     | 0.52     | 0.52       | 0.67    | ppb   |
| Cadmium    | 106-1 | 2.84     | 2.02     | 2.23     | 2.36       | 18.08   | ppb   |
| Cadmium    | 108-1 | 1.67     | 1.33     | 1.51     | 1.50       | 11.35   | ppb   |
| Calcium    | 43-1  | 67594.05 | 68996.21 | 69512.36 | 68700.87   | 1.44    | ppb   |
| Calcium    | 44-1  | 67348.72 | 67763.00 | 68115.17 | 67742.30   | 0.57    | ppb   |
| Chromium   | 52-2  | 29.88    | 29.76    | 29.90    | 29.85      | 0.26    | ppb   |
| Cobalt     | 59-2  | 25.59    | 25.66    | 24.83    | 25.36      | 1.80    | ppb   |
| Copper     | 63-2  | 112.38   | 112.74   | 110.39   | 111.84     | 1.13    | 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 |          |          |          | 108        |         | %     |
| Holmium    | 165-2 |          |          |          | 102        |         | %     |
| Indium     | 115-1 |          |          |          | 104        |         | %     |
| Indium     | 115-2 |          |          |          | 96         |         | %     |
| Iron       | 56-2  | 58959.95 | 59172.19 | 58571.23 | 58901.12   | 0.52    | ppb   |
| Iron       | 57-2  | 58855.96 | 58625.52 | 58422.90 | 58634.79   | 0.37    | ppb   |
| Krypton    | 83-1  | -2586.32 | -1447.77 | 4607.31  | 191.08     | 2023.65 | ppb   |
| Lead       | 206-1 | 34.27    | 34.59    | 34.39    | 34.42      | 0.46    | ppb   |
| Lead       | 207-1 | 30.26    | 30.84    | 30.18    | 30.43      | 1.19    | ppb   |
| Lead       | 208-1 | 32.06    | 32.38    | 32.02    | 32.15      | 0.61    | ppb   |
| Lithium    | 6-1   |          |          |          | 102        |         | %     |
| Magnesium  | 24-2  | 21138.12 | 21108.45 | 20818.84 | 21021.80   | 0.84    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY7              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:41:23 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 2876.07  | 2881.78  | 2845.20  | 2867.68    | 0.69    | ppb   |
| Molybdenum | 94-1  | 20.90    | 21.12    | 21.07    | 21.03      | 0.54    | ppb   |
| Molybdenum | 95-1  | 6.62     | 7.12     | 7.08     | 6.94       | 4.03    | ppb   |
| Molybdenum | 96-1  | 8.89     | 8.77     | 8.90     | 8.85       | 0.77    | ppb   |
| Molybdenum | 97-1  | 7.00     | 6.96     | 6.91     | 6.96       | 0.66    | ppb   |
| Molybdenum | 98-1  | 7.11     | 6.96     | 7.11     | 7.06       | 1.17    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 34.12    | 34.04    | 33.37    | 33.84      | 1.22    | ppb   |
| Phosphorus | 31-2  | 2026.03  | 2209.04  | 2398.15  | 2211.07    | 8.42    | ppb   |
| Potassium  | 39-2  | 9761.92  | 9691.88  | 9697.75  | 9717.18    | 0.40    | ppb   |
| Rhodium    | 103-1 |          |          |          | 102        |         | %     |
| Rhodium    | 103-2 |          |          |          | 97         |         | %     |
| Scandium   | 45-1  |          |          |          | 103        |         | %     |
| Scandium   | 45-2  |          |          |          | 97         |         | %     |
| Selenium   | 77-2  | 78.50    | 92.11    | 76.12    | 82.24      | 10.49   | ppb   |
| Selenium   | 78-2  | 12.23    | 3.87     | 14.11    | 10.07      | 54.16   | ppb   |
| Selenium   | 82-1  | 0.88     | 0.72     | 1.12     | 0.90       | 22.69   | ppb   |
| Silicon    | 28-1  | 4002.14  | 4060.82  | 4034.82  | 4032.59    | 0.73    | ppb   |
| Silver     | 109-1 | 0.59     | 0.60     | 0.65     | 0.61       | 5.32    | ppb   |
| Silver     | 107-1 | 0.55     | 0.61     | 0.60     | 0.58       | 5.28    | ppb   |
| Sodium     | 23-2  | 1459.14  | 1470.74  | 1459.23  | 1463.04    | 0.46    | ppb   |
| Strontium  | 86-1  | 415.15   | 413.37   | 412.77   | 413.76     | 0.30    | ppb   |
| Strontium  | 88-1  | 425.93   | 424.20   | 419.65   | 423.26     | 0.77    | ppb   |
| Sulfur     | 34-1  | 11827.36 | 12231.77 | 12298.25 | 12119.13   | 2.10    | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 102        |         | %     |
| Thallium   | 203-1 | 0.79     | 0.86     | 0.83     | 0.83       | 4.73    | ppb   |
| Thallium   | 205-1 | 0.85     | 0.82     | 0.84     | 0.84       | 2.08    | ppb   |
| Tin        | 118-1 | 1.50     | 1.61     | 1.53     | 1.55       | 3.78    | ppb   |
| Titanium   | 47-1  | 588.44   | 601.72   | 593.13   | 594.43     | 1.13    | ppb   |
| Uranium    | 238-1 | 21.57    | 21.86    | 21.40    | 21.61      | 1.08    | ppb   |
| Vanadium   | 51-2  | 131.02   | 130.32   | 129.34   | 130.23     | 0.65    | ppb   |
| Yttrium    | 89-1  |          |          |          | 114        |         | %     |
| Yttrium    | 89-2  |          |          |          | 106        |         | %     |
| Zinc       | 66-2  | 176.05   | 171.87   | 167.85   | 171.92     | 2.38    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY7              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:41:23 | DataFile Name :   | 029SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 10.51   | 10.62   | 10.72   | 10.61      | 0.98    | ppb   |
| Zirconium | 91-1 | 10.19   | 10.72   | 10.65   | 10.52      | 2.70    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY8              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:44:41 | DataFile Name :   | 030SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 33829.44 | 31740.13 | 30343.40 | 31970.99   | 5.49    | ppb   |
| Antimony   | 121-1 | 0.42     | 0.41     | 0.39     | 0.41       | 4.18    | ppb   |
| Arsenic    | 75-2  | 33.86    | 32.53    | 31.71    | 32.70      | 3.32    | ppb   |
| Barium     | 135-1 | 482.05   | 483.54   | 472.62   | 479.40     | 1.24    | ppb   |
| Barium     | 137-1 | 487.96   | 482.83   | 480.34   | 483.71     | 0.80    | ppb   |
| Beryllium  | 9-1   | 2.55     | 2.51     | 2.52     | 2.53       | 0.76    | ppb   |
| Bismuth    | 209-1 |          |          |          | 107        |         | %     |
| Bismuth    | 209-2 |          |          |          | 98         |         | %     |
| Boron      | 10-1  | 28.13    | 28.30    | 26.79    | 27.74      | 2.98    | ppb   |
| Boron      | 11-1  | 26.70    | 27.77    | 26.37    | 26.95      | 2.70    | ppb   |
| Cadmium    | 111-1 | 0.49     | 0.51     | 0.55     | 0.51       | 5.99    | ppb   |
| Cadmium    | 106-1 | 1.82     | 2.91     | 2.47     | 2.40       | 22.80   | ppb   |
| Cadmium    | 108-1 | 1.35     | 1.67     | 1.22     | 1.41       | 16.51   | ppb   |
| Calcium    | 43-1  | 38161.28 | 38702.90 | 37196.16 | 38020.11   | 2.01    | ppb   |
| Calcium    | 44-1  | 38207.42 | 38725.75 | 37468.62 | 38133.93   | 1.66    | ppb   |
| Chromium   | 52-2  | 30.52    | 28.60    | 27.90    | 29.01      | 4.68    | ppb   |
| Cobalt     | 59-2  | 26.45    | 25.02    | 24.28    | 25.25      | 4.37    | ppb   |
| Copper     | 63-2  | 99.24    | 93.73    | 91.24    | 94.74      | 4.32    | 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 |          |          |          | 108        |         | %     |
| Holmium    | 165-2 |          |          |          | 100        |         | %     |
| Indium     | 115-1 |          |          |          | 104        |         | %     |
| Indium     | 115-2 |          |          |          | 94         |         | %     |
| Iron       | 56-2  | 60050.25 | 56049.24 | 54165.91 | 56755.13   | 5.29    | ppb   |
| Iron       | 57-2  | 59931.17 | 55894.91 | 54019.47 | 56615.18   | 5.34    | ppb   |
| Krypton    | 83-1  | 104.84   | 933.06   | -1307.92 | -90.01     |         | ppb   |
| Lead       | 206-1 | 31.90    | 31.63    | 31.37    | 31.63      | 0.83    | ppb   |
| Lead       | 207-1 | 28.34    | 28.10    | 27.46    | 27.97      | 1.62    | ppb   |
| Lead       | 208-1 | 29.66    | 29.82    | 29.42    | 29.63      | 0.68    | ppb   |
| Lithium    | 6-1   |          |          |          | 102        |         | %     |
| Magnesium  | 24-2  | 21621.37 | 20201.38 | 19543.68 | 20455.47   | 5.19    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY8              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:44:41 | DataFile Name :   | 030SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 2568.92  | 2416.11 | 2343.19 | 2442.74    | 4.72    | ppb   |
| Molybdenum | 94-1  | 18.65    | 18.27   | 18.25   | 18.39      | 1.22    | ppb   |
| Molybdenum | 95-1  | 4.72     | 4.55    | 4.64    | 4.64       | 1.79    | ppb   |
| Molybdenum | 96-1  | 6.35     | 6.41    | 6.33    | 6.36       | 0.62    | ppb   |
| Molybdenum | 97-1  | 4.68     | 4.58    | 4.74    | 4.67       | 1.75    | ppb   |
| Molybdenum | 98-1  | 4.49     | 4.47    | 4.59    | 4.52       | 1.44    | ppb   |
| Neodymium  | 150-1 |          |         |         |            |         | cps   |
| Neodymium  | 150-2 |          |         |         |            |         | cps   |
| Nickel     | 60-2  | 35.54    | 32.71   | 31.33   | 33.20      | 6.47    | ppb   |
| Phosphorus | 31-2  | 1835.71  | 2318.90 | 1618.46 | 1924.36    | 18.63   | ppb   |
| Potassium  | 39-2  | 10146.70 | 9594.19 | 9209.98 | 9650.29    | 4.88    | ppb   |
| Rhodium    | 103-1 |          |         |         | 103        |         | %     |
| Rhodium    | 103-2 |          |         |         | 97         |         | %     |
| Scandium   | 45-1  |          |         |         | 104        |         | %     |
| Scandium   | 45-2  |          |         |         | 96         |         | %     |
| Selenium   | 77-2  | 94.32    | 96.00   | 68.70   | 86.34      | 17.72   | ppb   |
| Selenium   | 78-2  | 13.04    | 8.93    | 12.88   | 11.62      | 20.04   | ppb   |
| Selenium   | 82-1  | 0.82     | 1.32    | 0.93    | 1.03       | 25.46   | ppb   |
| Silicon    | 28-1  | 3199.28  | 3216.44 | 3110.05 | 3175.26    | 1.80    | ppb   |
| Silver     | 109-1 | 0.52     | 0.55    | 0.52    | 0.53       | 3.45    | ppb   |
| Silver     | 107-1 | 0.49     | 0.55    | 0.54    | 0.52       | 5.96    | ppb   |
| Sodium     | 23-2  | 1395.85  | 1311.41 | 1263.82 | 1323.70    | 5.05    | ppb   |
| Strontium  | 86-1  | 301.95   | 303.36  | 299.50  | 301.60     | 0.65    | ppb   |
| Strontium  | 88-1  | 306.81   | 312.10  | 303.96  | 307.62     | 1.34    | ppb   |
| Sulfur     | 34-1  | 6920.35  | 7044.98 | 6464.81 | 6810.04    | 4.48    | ppb   |
| Terbium    | 159-1 |          |         |         | 108        |         | %     |
| Terbium    | 159-2 |          |         |         | 97         |         | %     |
| Thallium   | 203-1 | 0.76     | 0.76    | 0.78    | 0.77       | 1.32    | ppb   |
| Thallium   | 205-1 | 0.79     | 0.78    | 0.76    | 0.78       | 2.34    | ppb   |
| Tin        | 118-1 | 1.53     | 1.50    | 1.53    | 1.52       | 1.16    | ppb   |
| Titanium   | 47-1  | 541.81   | 549.29  | 535.70  | 542.27     | 1.26    | ppb   |
| Uranium    | 238-1 | 16.29    | 16.24   | 16.25   | 16.26      | 0.17    | ppb   |
| Vanadium   | 51-2  | 129.54   | 122.86  | 119.05  | 123.82     | 4.29    | ppb   |
| Yttrium    | 89-1  |          |         |         | 115        |         | %     |
| Yttrium    | 89-2  |          |         |         | 104        |         | %     |
| Zinc       | 66-2  | 180.20   | 167.13  | 158.69  | 168.67     | 6.43    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY8              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:44:41 | DataFile Name :   | 030SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 10.03   | 9.98    | 9.87    | 9.96       | 0.85    | ppb   |
| Zirconium | 91-1 | 9.85    | 9.87    | 9.76    | 9.83       | 0.61    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY8D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:48:00 | DataFile Name :   | 031SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 30845.81 | 31788.73 | 30708.73 | 31114.42   | 1.89    | ppb   |
| Antimony   | 121-1 | 0.47     | 0.45     | 0.42     | 0.45       | 5.20    | ppb   |
| Arsenic    | 75-2  | 30.76    | 33.20    | 32.96    | 32.31      | 4.17    | ppb   |
| Barium     | 135-1 | 486.77   | 484.98   | 477.91   | 483.22     | 0.97    | ppb   |
| Barium     | 137-1 | 485.61   | 488.28   | 486.72   | 486.87     | 0.27    | ppb   |
| Beryllium  | 9-1   | 2.34     | 2.49     | 2.45     | 2.43       | 3.27    | ppb   |
| Bismuth    | 209-1 |          |          |          | 107        |         | %     |
| Bismuth    | 209-2 |          |          |          | 100        |         | %     |
| Boron      | 10-1  | 27.76    | 29.80    | 30.27    | 29.28      | 4.55    | ppb   |
| Boron      | 11-1  | 25.97    | 27.48    | 26.84    | 26.76      | 2.83    | ppb   |
| Cadmium    | 111-1 | 0.47     | 0.57     | 0.47     | 0.50       | 11.11   | ppb   |
| Cadmium    | 106-1 | 1.47     | 2.98     | 2.23     | 2.23       | 34.03   | ppb   |
| Cadmium    | 108-1 | 1.33     | 1.13     | 1.63     | 1.36       | 18.45   | ppb   |
| Calcium    | 43-1  | 39345.81 | 40167.78 | 40118.84 | 39877.48   | 1.16    | ppb   |
| Calcium    | 44-1  | 39852.51 | 40414.47 | 40229.42 | 40165.47   | 0.71    | ppb   |
| Chromium   | 52-2  | 27.31    | 28.83    | 27.80    | 27.98      | 2.77    | ppb   |
| Cobalt     | 59-2  | 24.10    | 25.65    | 24.37    | 24.71      | 3.35    | ppb   |
| Copper     | 63-2  | 91.63    | 95.86    | 91.69    | 93.06      | 2.60    | 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 |          |          |          | 108        |         | %     |
| Holmium    | 165-2 |          |          |          | 101        |         | %     |
| Indium     | 115-1 |          |          |          | 103        |         | %     |
| Indium     | 115-2 |          |          |          | 96         |         | %     |
| Iron       | 56-2  | 55027.10 | 57436.75 | 55005.17 | 55823.01   | 2.50    | ppb   |
| Iron       | 57-2  | 54233.04 | 57103.61 | 54849.28 | 55395.31   | 2.73    | ppb   |
| Krypton    | 83-1  | -5596.65 | 2658.59  | -4147.44 | -2361.83   |         | ppb   |
| Lead       | 206-1 | 31.07    | 31.51    | 31.21    | 31.26      | 0.73    | ppb   |
| Lead       | 207-1 | 27.69    | 28.33    | 28.24    | 28.09      | 1.23    | ppb   |
| Lead       | 208-1 | 29.16    | 29.76    | 29.54    | 29.49      | 1.02    | ppb   |
| Lithium    | 6-1   |          |          |          | 103        |         | %     |
| Magnesium  | 24-2  | 19652.35 | 20467.49 | 19674.43 | 19931.43   | 2.33    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY8D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:48:00 | DataFile Name :   | 031SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 2376.97 | 2480.79 | 2372.45 | 2410.07    | 2.54    | ppb   |
| Molybdenum | 94-1  | 18.82   | 18.83   | 18.62   | 18.76      | 0.62    | ppb   |
| Molybdenum | 95-1  | 4.70    | 4.61    | 4.61    | 4.64       | 1.11    | ppb   |
| Molybdenum | 96-1  | 6.50    | 6.36    | 6.48    | 6.44       | 1.18    | ppb   |
| Molybdenum | 97-1  | 4.59    | 4.75    | 4.62    | 4.65       | 1.72    | ppb   |
| Molybdenum | 98-1  | 4.40    | 4.70    | 4.62    | 4.57       | 3.31    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 31.59   | 33.25   | 32.68   | 32.51      | 2.60    | ppb   |
| Phosphorus | 31-2  | 2035.15 | 1922.75 | 1868.82 | 1942.24    | 4.37    | ppb   |
| Potassium  | 39-2  | 9213.73 | 9594.13 | 9229.48 | 9345.78    | 2.30    | ppb   |
| Rhodium    | 103-1 |         |         |         | 103        |         | %     |
| Rhodium    | 103-2 |         |         |         | 98         |         | %     |
| Scandium   | 45-1  |         |         |         | 103        |         | %     |
| Scandium   | 45-2  |         |         |         | 97         |         | %     |
| Selenium   | 77-2  | 85.34   | 63.20   | 82.67   | 77.07      | 15.68   | ppb   |
| Selenium   | 78-2  | 4.99    | 9.74    | 7.85    | 7.52       | 31.79   | ppb   |
| Selenium   | 82-1  | 0.85    | 1.25    | 0.86    | 0.99       | 22.93   | ppb   |
| Silicon    | 28-1  | 3194.33 | 3238.13 | 3237.44 | 3223.30    | 0.78    | ppb   |
| Silver     | 109-1 | 0.55    | 0.51    | 0.51    | 0.52       | 4.61    | ppb   |
| Silver     | 107-1 | 0.49    | 0.53    | 0.56    | 0.53       | 6.73    | ppb   |
| Sodium     | 23-2  | 1278.40 | 1342.05 | 1268.92 | 1296.46    | 3.07    | ppb   |
| Strontium  | 86-1  | 306.40  | 307.99  | 307.24  | 307.21     | 0.26    | ppb   |
| Strontium  | 88-1  | 315.37  | 317.39  | 316.02  | 316.26     | 0.32    | ppb   |
| Sulfur     | 34-1  | 6810.46 | 7382.43 | 7265.78 | 7152.89    | 4.23    | ppb   |
| Terbium    | 159-1 |         |         |         | 108        |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 0.76    | 0.78    | 0.75    | 0.76       | 2.00    | ppb   |
| Thallium   | 205-1 | 0.77    | 0.79    | 0.79    | 0.79       | 1.38    | ppb   |
| Tin        | 118-1 | 1.46    | 1.55    | 1.54    | 1.51       | 3.16    | ppb   |
| Titanium   | 47-1  | 539.48  | 554.94  | 551.73  | 548.72     | 1.49    | ppb   |
| Uranium    | 238-1 | 16.16   | 16.29   | 16.42   | 16.29      | 0.78    | ppb   |
| Vanadium   | 51-2  | 120.74  | 125.08  | 119.67  | 121.83     | 2.35    | ppb   |
| Yttrium    | 89-1  |         |         |         | 115        |         | %     |
| Yttrium    | 89-2  |         |         |         | 105        |         | %     |
| Zinc       | 66-2  | 162.12  | 168.85  | 163.75  | 164.91     | 2.13    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY8D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:48:00 | DataFile Name :   | 031SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 9.97    | 10.04   | 10.15   | 10.05      | 0.89    | ppb   |
| Zirconium | 91-1 | 9.73    | 9.93    | 10.27   | 9.98       | 2.74    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-06LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY8L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-10-03 15:51:19 | DataFile Name :   | 032SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 6297.14  | 6352.47  | 6328.91  | 6326.17    | 0.44    | ppb   |
| Antimony   | 121-1 | 0.11     | 0.11     | 0.11     | 0.11       | 3.67    | ppb   |
| Arsenic    | 75-2  | 6.98     | 6.93     | 7.12     | 7.01       | 1.43    | ppb   |
| Barium     | 135-1 | 94.69    | 92.02    | 93.32    | 93.34      | 1.43    | ppb   |
| Barium     | 137-1 | 92.64    | 91.68    | 93.26    | 92.53      | 0.86    | ppb   |
| Beryllium  | 9-1   | 0.49     | 0.50     | 0.51     | 0.50       | 2.37    | ppb   |
| Bismuth    | 209-1 |          |          |          | 106        |         | %     |
| Bismuth    | 209-2 |          |          |          | 101        |         | %     |
| Boron      | 10-1  | 6.99     | 6.73     | 7.98     | 7.23       | 9.11    | ppb   |
| Boron      | 11-1  | 6.75     | 6.71     | 7.15     | 6.87       | 3.52    | ppb   |
| Cadmium    | 111-1 | 0.01     | 0.10     | 0.13     | 0.08       | 78.34   | ppb   |
| Cadmium    | 106-1 | -0.54    | 0.23     | 1.03     | 0.24       | 324.89  | ppb   |
| Cadmium    | 108-1 | 0.16     | 0.27     | 0.40     | 0.28       | 43.06   | ppb   |
| Calcium    | 43-1  | 7777.08  | 7659.94  | 7812.80  | 7749.94    | 1.03    | ppb   |
| Calcium    | 44-1  | 7964.49  | 7778.67  | 7843.85  | 7862.34    | 1.20    | ppb   |
| Chromium   | 52-2  | 5.58     | 5.77     | 5.81     | 5.72       | 2.17    | ppb   |
| Cobalt     | 59-2  | 4.82     | 5.14     | 4.85     | 4.94       | 3.55    | ppb   |
| Copper     | 63-2  | 18.64    | 19.13    | 18.66    | 18.81      | 1.48    | 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 |          |          |          | 103        |         | %     |
| Indium     | 115-2 |          |          |          | 97         |         | %     |
| Iron       | 56-2  | 11111.25 | 11425.34 | 11235.39 | 11257.33   | 1.41    | ppb   |
| Iron       | 57-2  | 10942.07 | 11205.25 | 11043.29 | 11063.54   | 1.20    | ppb   |
| Krypton    | 83-1  | 2852.94  | -4560.08 | -76.58   | -594.58    |         | ppb   |
| Lead       | 206-1 | 6.48     | 6.15     | 6.35     | 6.33       | 2.64    | ppb   |
| Lead       | 207-1 | 5.79     | 5.45     | 5.66     | 5.64       | 3.03    | ppb   |
| Lead       | 208-1 | 6.08     | 5.80     | 5.92     | 5.94       | 2.41    | ppb   |
| Lithium    | 6-1   |          |          |          | 99         |         | %     |
| Magnesium  | 24-2  | 3983.88  | 4013.31  | 3989.41  | 3995.54    | 0.39    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-06LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY8L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-10-03 15:51:19 | DataFile Name :   | 032SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 479.59  | 492.47  | 482.59  | 484.88     | 1.39    | ppb   |
| Molybdenum | 94-1  | 3.60    | 3.87    | 3.77    | 3.75       | 3.57    | ppb   |
| Molybdenum | 95-1  | 0.98    | 1.00    | 0.97    | 0.98       | 1.36    | ppb   |
| Molybdenum | 96-1  | 1.24    | 1.39    | 1.17    | 1.27       | 8.87    | ppb   |
| Molybdenum | 97-1  | 0.84    | 0.89    | 0.99    | 0.91       | 8.56    | ppb   |
| Molybdenum | 98-1  | 1.01    | 0.99    | 0.96    | 0.98       | 2.57    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 6.67    | 6.81    | 6.09    | 6.53       | 5.84    | ppb   |
| Phosphorus | 31-2  | 333.11  | 464.21  | 337.05  | 378.12     | 19.72   | ppb   |
| Potassium  | 39-2  | 1895.30 | 1941.08 | 1852.20 | 1896.19    | 2.34    | ppb   |
| Rhodium    | 103-1 |         |         |         | 103        |         | %     |
| Rhodium    | 103-2 |         |         |         | 99         |         | %     |
| Scandium   | 45-1  |         |         |         | 99         |         | %     |
| Scandium   | 45-2  |         |         |         | 95         |         | %     |
| Selenium   | 77-2  | 18.09   | 22.19   | 11.02   | 17.10      | 33.03   | ppb   |
| Selenium   | 78-2  | 1.18    | 3.64    | 1.21    | 2.01       | 70.15   | ppb   |
| Selenium   | 82-1  | 0.19    | 0.04    | 0.39    | 0.21       | 83.44   | ppb   |
| Silicon    | 28-1  | 664.34  | 639.86  | 654.49  | 652.90     | 1.89    | ppb   |
| Silver     | 109-1 | 0.14    | 0.14    | 0.18    | 0.15       | 13.04   | ppb   |
| Silver     | 107-1 | 0.13    | 0.15    | 0.15    | 0.15       | 10.32   | ppb   |
| Sodium     | 23-2  | 259.67  | 280.35  | 265.57  | 268.53     | 3.97    | ppb   |
| Strontium  | 86-1  | 64.04   | 62.25   | 62.53   | 62.94      | 1.53    | ppb   |
| Strontium  | 88-1  | 66.06   | 64.63   | 65.98   | 65.55      | 1.22    | ppb   |
| Sulfur     | 34-1  | -37.92  | -521.63 | -465.39 | -341.65    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 107        |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 0.16    | 0.16    | 0.14    | 0.15       | 9.52    | ppb   |
| Thallium   | 205-1 | 0.16    | 0.12    | 0.16    | 0.15       | 14.62   | ppb   |
| Tin        | 118-1 | 0.57    | 0.43    | 0.39    | 0.46       | 20.94   | ppb   |
| Titanium   | 47-1  | 110.21  | 108.75  | 109.43  | 109.47     | 0.67    | ppb   |
| Uranium    | 238-1 | 3.18    | 3.12    | 3.20    | 3.17       | 1.31    | ppb   |
| Vanadium   | 51-2  | 23.87   | 25.03   | 24.26   | 24.39      | 2.41    | ppb   |
| Yttrium    | 89-1  |         |         |         | 106        |         | %     |
| Yttrium    | 89-2  |         |         |         | 99         |         | %     |
| Zinc       | 66-2  | 32.34   | 36.39   | 32.06   | 33.60      | 7.21    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-06LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY8L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-10-03 15:51:19 | DataFile Name :   | 032SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 2.18    | 2.03    | 2.10    | 2.10       | 3.57    | ppb   |
| Zirconium | 91-1 | 2.16    | 2.09    | 2.04    | 2.10       | 2.93    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY8S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:54:40 | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 31385.20 | 31565.52 | 31053.77 | 31334.83   | 0.83    | ppb   |
| Antimony   | 121-1 | 18.24    | 18.15    | 18.56    | 18.32      | 1.17    | ppb   |
| Arsenic    | 75-2  | 39.94    | 39.20    | 39.02    | 39.38      | 1.24    | ppb   |
| Barium     | 135-1 | 876.95   | 858.27   | 859.05   | 864.76     | 1.22    | ppb   |
| Barium     | 137-1 | 870.37   | 852.63   | 862.91   | 861.97     | 1.03    | ppb   |
| Beryllium  | 9-1   | 12.25    | 11.41    | 11.32    | 11.66      | 4.41    | ppb   |
| Bismuth    | 209-1 |          |          |          | 106        |         | %     |
| Bismuth    | 209-2 |          |          |          | 100        |         | %     |
| Boron      | 10-1  | 27.14    | 25.19    | 27.81    | 26.71      | 5.09    | ppb   |
| Boron      | 11-1  | 25.02    | 26.00    | 25.77    | 25.60      | 2.00    | ppb   |
| Cadmium    | 111-1 | 10.09    | 9.41     | 10.16    | 9.89       | 4.20    | ppb   |
| Cadmium    | 106-1 | 10.48    | 10.28    | 12.60    | 11.12      | 11.57   | ppb   |
| Cadmium    | 108-1 | 9.56     | 10.06    | 9.77     | 9.79       | 2.54    | ppb   |
| Calcium    | 43-1  | 39575.11 | 38956.33 | 38374.60 | 38968.68   | 1.54    | ppb   |
| Calcium    | 44-1  | 39626.80 | 39019.61 | 38484.52 | 39043.64   | 1.46    | ppb   |
| Chromium   | 52-2  | 64.90    | 65.25    | 64.68    | 64.94      | 0.44    | ppb   |
| Cobalt     | 59-2  | 116.66   | 118.59   | 117.71   | 117.65     | 0.82    | ppb   |
| Copper     | 63-2  | 139.46   | 141.92   | 139.26   | 140.22     | 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 |          |          |          | 108        |         | %     |
| Holmium    | 165-2 |          |          |          | 100        |         | %     |
| Indium     | 115-1 |          |          |          | 103        |         | %     |
| Indium     | 115-2 |          |          |          | 94         |         | %     |
| Iron       | 56-2  | 55533.40 | 56550.09 | 55063.68 | 55715.72   | 1.36    | ppb   |
| Iron       | 57-2  | 55281.71 | 55886.42 | 55021.10 | 55396.41   | 0.80    | ppb   |
| Krypton    | 83-1  | -1621.01 | -1673.76 | -3257.55 | -2184.11   |         | ppb   |
| Lead       | 206-1 | 35.99    | 35.58    | 35.08    | 35.55      | 1.28    | ppb   |
| Lead       | 207-1 | 31.86    | 31.46    | 31.48    | 31.60      | 0.72    | ppb   |
| Lead       | 208-1 | 33.75    | 33.17    | 33.06    | 33.33      | 1.11    | ppb   |
| Lithium    | 6-1   |          |          |          | 100        |         | %     |
| Magnesium  | 24-2  | 19890.65 | 19957.88 | 19721.23 | 19856.58   | 0.61    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY8S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:54:40 | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 2486.89 | 2508.71 | 2455.32 | 2483.64    | 1.08    | ppb   |
| Molybdenum | 94-1  | 18.80   | 18.53   | 18.39   | 18.57      | 1.13    | ppb   |
| Molybdenum | 95-1  | 4.76    | 4.66    | 4.57    | 4.66       | 2.04    | ppb   |
| Molybdenum | 96-1  | 6.59    | 6.33    | 6.26    | 6.39       | 2.71    | ppb   |
| Molybdenum | 97-1  | 4.65    | 4.59    | 4.38    | 4.54       | 3.18    | ppb   |
| Molybdenum | 98-1  | 4.73    | 4.51    | 4.65    | 4.63       | 2.42    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 126.83  | 127.69  | 124.93  | 126.48     | 1.12    | ppb   |
| Phosphorus | 31-2  | 1753.69 | 2011.67 | 1987.59 | 1917.65    | 7.43    | ppb   |
| Potassium  | 39-2  | 9207.24 | 9465.42 | 9178.93 | 9283.86    | 1.70    | ppb   |
| Rhodium    | 103-1 |         |         |         | 102        |         | %     |
| Rhodium    | 103-2 |         |         |         | 96         |         | %     |
| Scandium   | 45-1  |         |         |         | 101        |         | %     |
| Scandium   | 45-2  |         |         |         | 94         |         | %     |
| Selenium   | 77-2  | 101.36  | 73.82   | 123.98  | 99.72      | 25.19   | ppb   |
| Selenium   | 78-2  | 27.40   | 38.48   | 36.46   | 34.11      | 17.30   | ppb   |
| Selenium   | 82-1  | 25.72   | 25.67   | 24.91   | 25.43      | 1.77    | ppb   |
| Silicon    | 28-1  | 3208.33 | 3121.81 | 3046.97 | 3125.70    | 2.58    | ppb   |
| Silver     | 109-1 | 9.59    | 9.30    | 9.42    | 9.43       | 1.55    | ppb   |
| Silver     | 107-1 | 9.59    | 9.34    | 9.35    | 9.42       | 1.52    | ppb   |
| Sodium     | 23-2  | 1298.57 | 1263.92 | 1262.17 | 1274.89    | 1.61    | ppb   |
| Strontium  | 86-1  | 310.58  | 304.68  | 299.15  | 304.80     | 1.87    | ppb   |
| Strontium  | 88-1  | 315.32  | 311.06  | 308.31  | 311.57     | 1.13    | ppb   |
| Sulfur     | 34-1  | 7451.75 | 6819.63 | 6657.84 | 6976.40    | 6.01    | ppb   |
| Terbium    | 159-1 |         |         |         | 107        |         | %     |
| Terbium    | 159-2 |         |         |         | 98         |         | %     |
| Thallium   | 203-1 | 10.11   | 9.93    | 10.15   | 10.06      | 1.14    | ppb   |
| Thallium   | 205-1 | 10.22   | 10.15   | 10.04   | 10.14      | 0.90    | ppb   |
| Tin        | 118-1 | 1.59    | 1.51    | 1.42    | 1.51       | 5.51    | ppb   |
| Titanium   | 47-1  | 556.30  | 541.68  | 536.55  | 544.84     | 1.88    | ppb   |
| Uranium    | 238-1 | 54.98   | 54.16   | 54.73   | 54.62      | 0.77    | ppb   |
| Vanadium   | 51-2  | 209.24  | 215.76  | 210.36  | 211.79     | 1.65    | ppb   |
| Yttrium    | 89-1  |         |         |         | 113        |         | %     |
| Yttrium    | 89-2  |         |         |         | 103        |         | %     |
| Zinc       | 66-2  | 254.71  | 257.04  | 251.52  | 254.43     | 1.09    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY8S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:54:40 | DataFile Name :   | 033SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 10.14   | 9.88    | 9.90    | 9.97       | 1.47    | ppb   |
| Zirconium | 91-1 | 10.25   | 9.78    | 9.91    | 9.98       | 2.44    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-03DLX2        | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY5              | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-10-03 15:59:04 | DataFile Name :   | 034SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 12050.16 | 13977.45 | 14269.49 | 13432.37   | 8.98    | ppb   |
| Antimony   | 121-1 | 0.34     | 0.29     | 0.32     | 0.31       | 8.23    | ppb   |
| Arsenic    | 75-2  | 10.66    | 13.39    | 13.70    | 12.58      | 13.27   | ppb   |
| Barium     | 135-1 | 210.64   | 211.42   | 214.45   | 212.17     | 0.95    | ppb   |
| Barium     | 137-1 | 207.92   | 209.11   | 214.42   | 210.49     | 1.64    | ppb   |
| Beryllium  | 9-1   | 1.11     | 1.01     | 1.14     | 1.08       | 6.35    | ppb   |
| Bismuth    | 209-1 |          |          |          | 106        |         | %     |
| Bismuth    | 209-2 |          |          |          | 100        |         | %     |
| Boron      | 10-1  | 12.18    | 13.84    | 14.14    | 13.39      | 7.86    | ppb   |
| Boron      | 11-1  | 11.49    | 11.83    | 12.65    | 11.99      | 4.97    | ppb   |
| Cadmium    | 111-1 | 0.17     | 0.20     | 0.31     | 0.23       | 31.15   | ppb   |
| Cadmium    | 106-1 | 0.29     | -0.10    | 1.06     | 0.42       | 142.43  | ppb   |
| Cadmium    | 108-1 | 0.68     | 0.59     | 0.49     | 0.59       | 16.45   | ppb   |
| Calcium    | 43-1  | 13078.69 | 13039.32 | 13285.45 | 13134.49   | 1.01    | ppb   |
| Calcium    | 44-1  | 13282.01 | 13043.91 | 13273.05 | 13199.66   | 1.02    | ppb   |
| Chromium   | 52-2  | 11.85    | 13.81    | 14.66    | 13.44      | 10.72   | ppb   |
| Cobalt     | 59-2  | 10.09    | 11.56    | 12.12    | 11.25      | 9.34    | ppb   |
| Copper     | 63-2  | 37.78    | 43.55    | 45.00    | 42.11      | 9.06    | 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 |          |          |          | 107        |         | %     |
| Holmium    | 165-2 |          |          |          | 101        |         | %     |
| Indium     | 115-1 |          |          |          | 103        |         | %     |
| Indium     | 115-2 |          |          |          | 97         |         | %     |
| Iron       | 56-2  | 22336.13 | 25591.95 | 26447.06 | 24791.71   | 8.75    | ppb   |
| Iron       | 57-2  | 22105.74 | 25429.27 | 26090.98 | 24542.00   | 8.70    | ppb   |
| Krypton    | 83-1  | 3916.61  | 3050.75  | 3679.91  | 3549.09    | 12.61   | ppb   |
| Lead       | 206-1 | 14.42    | 14.37    | 14.66    | 14.48      | 1.08    | ppb   |
| Lead       | 207-1 | 12.77    | 12.39    | 13.02    | 12.72      | 2.50    | ppb   |
| Lead       | 208-1 | 13.53    | 13.39    | 13.79    | 13.57      | 1.47    | ppb   |
| Lithium    | 6-1   |          |          |          | 100        |         | %     |
| Magnesium  | 24-2  | 7632.52  | 8773.60  | 8930.69  | 8445.60    | 8.39    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-03DLX2        | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY5              | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-10-03 15:59:04 | DataFile Name :   | 034SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 922.70  | 1059.64 | 1104.85 | 1029.06    | 9.22    | ppb   |
| Molybdenum | 94-1  | 8.54    | 8.99    | 9.16    | 8.90       | 3.58    | ppb   |
| Molybdenum | 95-1  | 1.37    | 1.49    | 1.32    | 1.39       | 6.53    | ppb   |
| Molybdenum | 96-1  | 2.32    | 2.23    | 2.29    | 2.28       | 1.95    | ppb   |
| Molybdenum | 97-1  | 1.43    | 1.33    | 1.39    | 1.38       | 3.69    | ppb   |
| Molybdenum | 98-1  | 1.32    | 1.30    | 1.38    | 1.33       | 3.04    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 13.15   | 15.01   | 15.48   | 14.55      | 8.45    | ppb   |
| Phosphorus | 31-2  | 958.01  | 737.77  | 843.79  | 846.52     | 13.01   | ppb   |
| Potassium  | 39-2  | 3711.01 | 4261.40 | 4409.37 | 4127.26    | 8.92    | ppb   |
| Rhodium    | 103-1 |         |         |         | 102        |         | %     |
| Rhodium    | 103-2 |         |         |         | 99         |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 94         |         | %     |
| Selenium   | 77-2  | 37.61   | 33.17   | 41.62   | 37.47      | 11.29   | ppb   |
| Selenium   | 78-2  | 6.11    | 2.42    | 3.73    | 4.09       | 45.78   | ppb   |
| Selenium   | 82-1  | 0.44    | 0.44    | 0.70    | 0.53       | 28.81   | ppb   |
| Silicon    | 28-1  | 1582.28 | 1538.40 | 1594.78 | 1571.82    | 1.88    | ppb   |
| Silver     | 109-1 | 0.26    | 0.28    | 0.31    | 0.28       | 7.70    | ppb   |
| Silver     | 107-1 | 0.27    | 0.29    | 0.28    | 0.28       | 3.21    | ppb   |
| Sodium     | 23-2  | 525.68  | 619.17  | 633.35  | 592.73     | 9.87    | ppb   |
| Strontium  | 86-1  | 121.75  | 122.63  | 121.61  | 122.00     | 0.46    | ppb   |
| Strontium  | 88-1  | 127.49  | 124.99  | 128.74  | 127.07     | 1.50    | ppb   |
| Sulfur     | 34-1  | 329.35  | 205.89  | 384.87  | 306.70     | 29.87   | ppb   |
| Terbium    | 159-1 |         |         |         | 107        |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 0.37    | 0.37    | 0.33    | 0.36       | 6.61    | ppb   |
| Thallium   | 205-1 | 0.36    | 0.36    | 0.41    | 0.37       | 7.17    | ppb   |
| Tin        | 118-1 | 0.73    | 0.62    | 0.69    | 0.68       | 7.88    | ppb   |
| Titanium   | 47-1  | 345.62  | 345.48  | 351.56  | 347.55     | 1.00    | ppb   |
| Uranium    | 238-1 | 5.21    | 5.26    | 5.37    | 5.28       | 1.58    | ppb   |
| Vanadium   | 51-2  | 50.24   | 57.03   | 58.40   | 55.22      | 7.92    | ppb   |
| Yttrium    | 89-1  |         |         |         | 108        |         | %     |
| Yttrium    | 89-2  |         |         |         | 100        |         | %     |
| Zinc       | 66-2  | 66.17   | 75.20   | 80.38   | 73.92      | 9.73    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-03DLX2        | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY5              | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-10-03 15:59:04 | DataFile Name :   | 034SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 5.07    | 5.16    | 5.22    | 5.15       | 1.44    | ppb   |
| Zirconium | 91-1 | 5.13    | 4.89    | 5.12    | 5.05       | 2.64    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-04DLX2        | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY6              | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-10-03 16:02:25 | DataFile Name :   | 035SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 16148.25 | 16320.59 | 15425.62 | 15964.82   | 2.97    | ppb   |
| Antimony   | 121-1 | 0.30     | 0.26     | 0.29     | 0.28       | 8.39    | ppb   |
| Arsenic    | 75-2  | 15.43    | 16.32    | 15.19    | 15.64      | 3.80    | ppb   |
| Barium     | 135-1 | 233.47   | 230.64   | 237.20   | 233.77     | 1.41    | ppb   |
| Barium     | 137-1 | 231.02   | 230.45   | 235.84   | 232.44     | 1.27    | ppb   |
| Beryllium  | 9-1   | 1.23     | 1.29     | 1.25     | 1.26       | 2.37    | ppb   |
| Bismuth    | 209-1 |          |          |          | 106        |         | %     |
| Bismuth    | 209-2 |          |          |          | 99         |         | %     |
| Boron      | 10-1  | 13.43    | 13.31    | 13.84    | 13.53      | 2.07    | ppb   |
| Boron      | 11-1  | 13.02    | 12.53    | 13.68    | 13.08      | 4.38    | ppb   |
| Cadmium    | 111-1 | 0.21     | 0.22     | 0.26     | 0.23       | 10.69   | ppb   |
| Cadmium    | 106-1 | 0.45     | 0.70     | 1.26     | 0.80       | 51.95   | ppb   |
| Cadmium    | 108-1 | 0.54     | 0.41     | 0.72     | 0.56       | 27.75   | ppb   |
| Calcium    | 43-1  | 14958.04 | 14590.52 | 14778.21 | 14775.59   | 1.24    | ppb   |
| Calcium    | 44-1  | 15058.98 | 14804.41 | 14928.33 | 14930.57   | 0.85    | ppb   |
| Chromium   | 52-2  | 15.73    | 15.54    | 15.03    | 15.43      | 2.35    | ppb   |
| Cobalt     | 59-2  | 13.64    | 13.41    | 12.59    | 13.21      | 4.18    | ppb   |
| Copper     | 63-2  | 48.34    | 48.82    | 45.41    | 47.53      | 3.88    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 108        |         | %     |
| Holmium    | 165-2 |          |          |          | 100        |         | %     |
| Indium     | 115-1 |          |          |          | 103        |         | %     |
| Indium     | 115-2 |          |          |          | 96         |         | %     |
| Iron       | 56-2  | 29163.36 | 29475.44 | 27409.14 | 28682.65   | 3.88    | ppb   |
| Iron       | 57-2  | 28925.40 | 29167.86 | 27373.78 | 28489.01   | 3.42    | ppb   |
| Krypton    | 83-1  | 3023.44  | 4560.34  | 4678.33  | 4087.37    | 22.59   | ppb   |
| Lead       | 206-1 | 16.28    | 15.62    | 15.97    | 15.96      | 2.10    | ppb   |
| Lead       | 207-1 | 14.04    | 14.06    | 14.16    | 14.09      | 0.47    | ppb   |
| Lead       | 208-1 | 14.98    | 14.85    | 15.11    | 14.98      | 0.86    | ppb   |
| Lithium    | 6-1   |          |          |          | 100        |         | %     |
| Magnesium  | 24-2  | 10664.96 | 10707.06 | 10041.61 | 10471.21   | 3.56    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-04DLX2        | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY6              | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-10-03 16:02:25 | DataFile Name :   | 035SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 1111.65 | 1127.93 | 1054.82 | 1098.13    | 3.50    | ppb   |
| Molybdenum | 94-1  | 9.16    | 8.86    | 9.18    | 9.07       | 1.96    | ppb   |
| Molybdenum | 95-1  | 1.68    | 1.77    | 1.82    | 1.76       | 4.21    | ppb   |
| Molybdenum | 96-1  | 2.83    | 2.83    | 2.63    | 2.77       | 4.17    | ppb   |
| Molybdenum | 97-1  | 1.80    | 1.78    | 1.79    | 1.79       | 0.52    | ppb   |
| Molybdenum | 98-1  | 1.70    | 1.65    | 1.72    | 1.69       | 2.04    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 17.06   | 17.54   | 15.75   | 16.78      | 5.51    | ppb   |
| Phosphorus | 31-2  | 1122.71 | 999.50  | 1219.11 | 1113.77    | 9.88    | ppb   |
| Potassium  | 39-2  | 5408.27 | 5372.37 | 5075.54 | 5285.39    | 3.46    | ppb   |
| Rhodium    | 103-1 |         |         |         | 103        |         | %     |
| Rhodium    | 103-2 |         |         |         | 98         |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 94         |         | %     |
| Selenium   | 77-2  | 47.78   | 54.54   | 32.21   | 44.84      | 25.53   | ppb   |
| Selenium   | 78-2  | 5.41    | 6.54    | 5.26    | 5.74       | 12.17   | ppb   |
| Selenium   | 82-1  | 1.00    | 0.60    | 0.42    | 0.67       | 43.50   | ppb   |
| Silicon    | 28-1  | 1769.29 | 1727.11 | 1763.23 | 1753.21    | 1.30    | ppb   |
| Silver     | 109-1 | 0.27    | 0.24    | 0.26    | 0.25       | 5.85    | ppb   |
| Silver     | 107-1 | 0.24    | 0.26    | 0.24    | 0.25       | 5.32    | ppb   |
| Sodium     | 23-2  | 733.34  | 746.69  | 683.92  | 721.32     | 4.58    | ppb   |
| Strontium  | 86-1  | 139.18  | 137.46  | 140.60  | 139.08     | 1.13    | ppb   |
| Strontium  | 88-1  | 143.74  | 143.16  | 144.48  | 143.80     | 0.46    | ppb   |
| Sulfur     | 34-1  | 177.13  | -97.96  | 167.83  | 82.33      | 189.73  | ppb   |
| Terbium    | 159-1 |         |         |         | 108        |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 0.45    | 0.41    | 0.45    | 0.44       | 5.14    | ppb   |
| Thallium   | 205-1 | 0.46    | 0.47    | 0.48    | 0.47       | 2.00    | ppb   |
| Tin        | 118-1 | 0.77    | 0.78    | 0.78    | 0.78       | 0.21    | ppb   |
| Titanium   | 47-1  | 351.57  | 348.51  | 353.37  | 351.15     | 0.70    | ppb   |
| Uranium    | 238-1 | 6.39    | 6.31    | 6.47    | 6.39       | 1.25    | ppb   |
| Vanadium   | 51-2  | 65.28   | 66.23   | 61.83   | 64.45      | 3.59    | ppb   |
| Yttrium    | 89-1  |         |         |         | 109        |         | %     |
| Yttrium    | 89-2  |         |         |         | 100        |         | %     |
| Zinc       | 66-2  | 93.66   | 93.76   | 87.63   | 91.68      | 3.83    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-04DLX2        | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY6              | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-10-03 16:02:25 | DataFile Name :   | 035SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 5.06    | 4.89    | 5.12    | 5.02       | 2.38    | ppb   |
| Zirconium | 91-1 | 4.95    | 4.69    | 5.17    | 4.94       | 4.81    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-05DLX2        | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY7              | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-10-03 16:05:45 | DataFile Name :   | 036SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 16716.57 | 17170.33 | 16877.15 | 16921.35   | 1.36    | ppb   |
| Antimony   | 121-1 | 0.22     | 0.23     | 0.22     | 0.23       | 2.50    | ppb   |
| Arsenic    | 75-2  | 21.88    | 22.57    | 22.94    | 22.46      | 2.39    | ppb   |
| Barium     | 135-1 | 268.11   | 261.57   | 267.39   | 265.69     | 1.35    | ppb   |
| Barium     | 137-1 | 264.38   | 260.97   | 263.66   | 263.00     | 0.68    | ppb   |
| Beryllium  | 9-1   | 1.34     | 1.33     | 1.37     | 1.35       | 1.75    | ppb   |
| Bismuth    | 209-1 |          |          |          | 108        |         | %     |
| Bismuth    | 209-2 |          |          |          | 98         |         | %     |
| Boron      | 10-1  | 15.41    | 16.10    | 15.30    | 15.61      | 2.77    | ppb   |
| Boron      | 11-1  | 14.91    | 14.70    | 14.62    | 14.75      | 1.04    | ppb   |
| Cadmium    | 111-1 | 0.23     | 0.22     | 0.28     | 0.24       | 11.66   | ppb   |
| Cadmium    | 106-1 | 0.33     | 0.92     | 1.03     | 0.76       | 49.41   | ppb   |
| Cadmium    | 108-1 | 0.50     | 0.78     | 0.47     | 0.59       | 29.53   | ppb   |
| Calcium    | 43-1  | 33629.75 | 34223.41 | 34297.48 | 34050.21   | 1.07    | ppb   |
| Calcium    | 44-1  | 34104.05 | 34131.08 | 34779.37 | 34338.17   | 1.11    | ppb   |
| Chromium   | 52-2  | 15.65    | 16.29    | 15.74    | 15.89      | 2.19    | ppb   |
| Cobalt     | 59-2  | 13.19    | 13.92    | 13.33    | 13.48      | 2.89    | ppb   |
| Copper     | 63-2  | 59.27    | 61.25    | 59.50    | 60.00      | 1.80    | 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 |          |          |          | 104        |         | %     |
| Indium     | 115-2 |          |          |          | 92         |         | %     |
| Iron       | 56-2  | 30764.88 | 32058.03 | 31265.48 | 31362.80   | 2.08    | ppb   |
| Iron       | 57-2  | 30674.94 | 31687.15 | 31178.86 | 31180.32   | 1.62    | ppb   |
| Krypton    | 83-1  | -2609.09 | -710.36  | 6580.92  | 1087.15    | 446.26  | ppb   |
| Lead       | 206-1 | 16.83    | 17.20    | 17.03    | 17.02      | 1.09    | ppb   |
| Lead       | 207-1 | 15.00    | 15.31    | 15.26    | 15.19      | 1.10    | ppb   |
| Lead       | 208-1 | 15.85    | 16.09    | 16.10    | 16.02      | 0.88    | ppb   |
| Lithium    | 6-1   |          |          |          | 99         |         | %     |
| Magnesium  | 24-2  | 10810.81 | 11128.90 | 10972.04 | 10970.58   | 1.45    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-05DLX2        | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY7              | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-10-03 16:05:45 | DataFile Name :   | 036SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 1494.85 | 1536.25 | 1516.29 | 1515.80    | 1.37    | ppb   |
| Molybdenum | 94-1  | 11.30   | 11.05   | 10.81   | 11.05      | 2.19    | ppb   |
| Molybdenum | 95-1  | 3.66    | 3.78    | 3.64    | 3.69       | 2.00    | ppb   |
| Molybdenum | 96-1  | 4.73    | 4.42    | 4.57    | 4.57       | 3.30    | ppb   |
| Molybdenum | 97-1  | 3.64    | 3.52    | 3.66    | 3.61       | 2.00    | ppb   |
| Molybdenum | 98-1  | 3.72    | 3.55    | 3.52    | 3.60       | 3.02    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 18.43   | 18.80   | 18.27   | 18.50      | 1.48    | ppb   |
| Phosphorus | 31-2  | 1118.69 | 1134.22 | 981.85  | 1078.25    | 7.78    | ppb   |
| Potassium  | 39-2  | 5010.01 | 5179.20 | 5127.70 | 5105.63    | 1.70    | ppb   |
| Rhodium    | 103-1 |         |         |         | 103        |         | %     |
| Rhodium    | 103-2 |         |         |         | 94         |         | %     |
| Scandium   | 45-1  |         |         |         | 99         |         | %     |
| Scandium   | 45-2  |         |         |         | 89         |         | %     |
| Selenium   | 77-2  | 37.26   | 42.16   | 29.87   | 36.43      | 16.99   | ppb   |
| Selenium   | 78-2  | 6.11    | 4.42    | 4.29    | 4.94       | 20.57   | ppb   |
| Selenium   | 82-1  | 0.09    | 0.81    | 0.71    | 0.54       | 72.01   | ppb   |
| Silicon    | 28-1  | 2008.30 | 2026.79 | 2048.20 | 2027.76    | 0.98    | ppb   |
| Silver     | 109-1 | 0.25    | 0.26    | 0.27    | 0.26       | 4.49    | ppb   |
| Silver     | 107-1 | 0.26    | 0.26    | 0.27    | 0.27       | 1.73    | ppb   |
| Sodium     | 23-2  | 725.32  | 770.55  | 763.64  | 753.17     | 3.24    | ppb   |
| Strontium  | 86-1  | 219.55  | 216.13  | 215.30  | 216.99     | 1.04    | ppb   |
| Strontium  | 88-1  | 225.19  | 222.71  | 222.12  | 223.34     | 0.73    | ppb   |
| Sulfur     | 34-1  | 4694.17 | 4976.20 | 5227.55 | 4965.97    | 5.37    | ppb   |
| Terbium    | 159-1 |         |         |         | 109        |         | %     |
| Terbium    | 159-2 |         |         |         | 97         |         | %     |
| Thallium   | 203-1 | 0.35    | 0.41    | 0.41    | 0.39       | 8.83    | ppb   |
| Thallium   | 205-1 | 0.39    | 0.37    | 0.41    | 0.39       | 6.11    | ppb   |
| Tin        | 118-1 | 0.77    | 0.74    | 0.79    | 0.77       | 3.08    | ppb   |
| Titanium   | 47-1  | 296.69  | 300.45  | 305.96  | 301.03     | 1.55    | ppb   |
| Uranium    | 238-1 | 10.85   | 11.00   | 10.92   | 10.92      | 0.69    | ppb   |
| Vanadium   | 51-2  | 67.47   | 70.11   | 69.16   | 68.91      | 1.94    | ppb   |
| Yttrium    | 89-1  |         |         |         | 109        |         | %     |
| Yttrium    | 89-2  |         |         |         | 97         |         | %     |
| Zinc       | 66-2  | 90.69   | 95.60   | 92.68   | 92.99      | 2.65    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-05DLX2        | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY7              | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-10-03 16:05:45 | DataFile Name :   | 036SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 5.56    | 5.50    | 5.46    | 5.50       | 0.99    | ppb   |
| Zirconium | 91-1 | 5.48    | 5.23    | 5.70    | 5.47       | 4.35    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-06DLX2        | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY8              | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-10-03 16:09:05 | DataFile Name :   | 037SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 16305.18 | 15690.72 | 15766.19 | 15920.70   | 2.10    | ppb   |
| Antimony   | 121-1 | 0.20     | 0.23     | 0.24     | 0.22       | 10.20   | ppb   |
| Arsenic    | 75-2  | 17.30    | 16.11    | 17.47    | 16.96      | 4.38    | ppb   |
| Barium     | 135-1 | 240.84   | 240.83   | 241.94   | 241.20     | 0.27    | ppb   |
| Barium     | 137-1 | 238.09   | 239.61   | 241.62   | 239.77     | 0.74    | ppb   |
| Beryllium  | 9-1   | 1.21     | 1.32     | 1.31     | 1.28       | 4.70    | ppb   |
| Bismuth    | 209-1 |          |          |          | 108        |         | %     |
| Bismuth    | 209-2 |          |          |          | 100        |         | %     |
| Boron      | 10-1  | 15.13    | 13.50    | 14.30    | 14.31      | 5.71    | ppb   |
| Boron      | 11-1  | 12.82    | 13.27    | 13.25    | 13.11      | 1.93    | ppb   |
| Cadmium    | 111-1 | 0.33     | 0.30     | 0.25     | 0.30       | 15.02   | ppb   |
| Cadmium    | 106-1 | 1.94     | 1.00     | 0.35     | 1.10       | 72.92   | ppb   |
| Cadmium    | 108-1 | 0.56     | 0.33     | 0.56     | 0.48       | 27.94   | ppb   |
| Calcium    | 43-1  | 19437.27 | 19864.80 | 19450.00 | 19584.02   | 1.24    | ppb   |
| Calcium    | 44-1  | 19453.30 | 19882.85 | 19470.61 | 19602.25   | 1.24    | ppb   |
| Chromium   | 52-2  | 14.47    | 14.20    | 13.89    | 14.19      | 2.04    | ppb   |
| Cobalt     | 59-2  | 12.92    | 12.58    | 12.47    | 12.66      | 1.86    | ppb   |
| Copper     | 63-2  | 48.97    | 47.31    | 48.21    | 48.17      | 1.72    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 109        |         | %     |
| Holmium    | 165-2 |          |          |          | 101        |         | %     |
| Indium     | 115-1 |          |          |          | 104        |         | %     |
| Indium     | 115-2 |          |          |          | 96         |         | %     |
| Iron       | 56-2  | 29124.45 | 28191.04 | 28284.33 | 28533.27   | 1.80    | ppb   |
| Iron       | 57-2  | 28880.66 | 27838.15 | 28269.82 | 28329.55   | 1.85    | ppb   |
| Krypton    | 83-1  | 3371.39  | 1448.25  | 279.26   | 1699.63    | 91.86   | ppb   |
| Lead       | 206-1 | 16.08    | 16.44    | 15.93    | 16.15      | 1.64    | ppb   |
| Lead       | 207-1 | 14.64    | 14.30    | 14.06    | 14.33      | 2.02    | ppb   |
| Lead       | 208-1 | 15.29    | 15.17    | 14.97    | 15.14      | 1.08    | ppb   |
| Lithium    | 6-1   |          |          |          | 100        |         | %     |
| Magnesium  | 24-2  | 10253.48 | 9936.23  | 10105.49 | 10098.40   | 1.57    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-06DLX2        | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY8              | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-10-03 16:09:05 | DataFile Name :   | 037SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 1248.39 | 1216.32 | 1218.94 | 1227.88    | 1.45    | ppb   |
| Molybdenum | 94-1  | 9.56    | 9.74    | 9.15    | 9.48       | 3.23    | ppb   |
| Molybdenum | 95-1  | 2.44    | 2.48    | 2.59    | 2.50       | 3.22    | ppb   |
| Molybdenum | 96-1  | 3.26    | 3.39    | 3.34    | 3.33       | 1.90    | ppb   |
| Molybdenum | 97-1  | 2.18    | 2.41    | 2.53    | 2.37       | 7.48    | ppb   |
| Molybdenum | 98-1  | 2.41    | 2.47    | 2.39    | 2.42       | 1.80    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 16.79   | 16.22   | 16.26   | 16.42      | 1.97    | ppb   |
| Phosphorus | 31-2  | 1221.00 | 962.95  | 1079.90 | 1087.95    | 11.88   | ppb   |
| Potassium  | 39-2  | 4812.48 | 4641.33 | 4708.86 | 4720.89    | 1.83    | ppb   |
| Rhodium    | 103-1 |         |         |         | 104        |         | %     |
| Rhodium    | 103-2 |         |         |         | 98         |         | %     |
| Scandium   | 45-1  |         |         |         | 101        |         | %     |
| Scandium   | 45-2  |         |         |         | 94         |         | %     |
| Selenium   | 77-2  | 28.85   | 54.00   | 51.09   | 44.65      | 30.81   | ppb   |
| Selenium   | 78-2  | 4.71    | 5.29    | 5.37    | 5.12       | 7.02    | ppb   |
| Selenium   | 82-1  | 0.26    | 0.45    | 0.50    | 0.40       | 30.79   | ppb   |
| Silicon    | 28-1  | 1605.72 | 1619.83 | 1596.68 | 1607.41    | 0.73    | ppb   |
| Silver     | 109-1 | 0.25    | 0.25    | 0.25    | 0.25       | 1.33    | ppb   |
| Silver     | 107-1 | 0.25    | 0.26    | 0.27    | 0.26       | 3.51    | ppb   |
| Sodium     | 23-2  | 679.18  | 630.03  | 636.85  | 648.69     | 4.11    | ppb   |
| Strontium  | 86-1  | 158.13  | 157.85  | 157.60  | 157.86     | 0.17    | ppb   |
| Strontium  | 88-1  | 161.83  | 164.54  | 164.07  | 163.48     | 0.89    | ppb   |
| Sulfur     | 34-1  | 2315.03 | 2519.41 | 2244.93 | 2359.79    | 6.04    | ppb   |
| Terbium    | 159-1 |         |         |         | 109        |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 0.36    | 0.38    | 0.42    | 0.39       | 8.04    | ppb   |
| Thallium   | 205-1 | 0.36    | 0.39    | 0.39    | 0.38       | 5.53    | ppb   |
| Tin        | 118-1 | 0.78    | 0.86    | 0.77    | 0.81       | 6.32    | ppb   |
| Titanium   | 47-1  | 275.49  | 280.49  | 273.49  | 276.49     | 1.30    | ppb   |
| Uranium    | 238-1 | 8.34    | 8.21    | 8.17    | 8.24       | 1.10    | ppb   |
| Vanadium   | 51-2  | 64.80   | 61.49   | 61.97   | 62.75      | 2.85    | ppb   |
| Yttrium    | 89-1  |         |         |         | 109        |         | %     |
| Yttrium    | 89-2  |         |         |         | 101        |         | %     |
| Zinc       | 66-2  | 88.89   | 82.99   | 86.82   | 86.24      | 3.47    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-06DLX2        | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY8              | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-10-03 16:09:05 | DataFile Name :   | 037SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 5.21    | 5.11    | 5.27    | 5.20       | 1.51    | ppb   |
| Zirconium | 91-1 | 5.01    | 5.17    | 5.02    | 5.07       | 1.82    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-07DLX2        | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY8D             | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-10-03 16:12:26 | DataFile Name :   | 038SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 15733.80 | 16209.56 | 15953.41 | 15965.59   | 1.49    | ppb   |
| Antimony   | 121-1 | 0.22     | 0.22     | 0.22     | 0.22       | 1.38    | ppb   |
| Arsenic    | 75-2  | 17.08    | 17.38    | 16.90    | 17.12      | 1.41    | ppb   |
| Barium     | 135-1 | 247.21   | 246.63   | 238.72   | 244.19     | 1.94    | ppb   |
| Barium     | 137-1 | 249.14   | 243.93   | 238.26   | 243.78     | 2.23    | ppb   |
| Beryllium  | 9-1   | 1.20     | 1.28     | 1.15     | 1.21       | 5.32    | ppb   |
| Bismuth    | 209-1 |          |          |          | 106        |         | %     |
| Bismuth    | 209-2 |          |          |          | 101        |         | %     |
| Boron      | 10-1  | 13.05    | 11.85    | 14.57    | 13.16      | 10.36   | ppb   |
| Boron      | 11-1  | 12.70    | 13.58    | 12.92    | 13.06      | 3.51    | ppb   |
| Cadmium    | 111-1 | 0.17     | 0.28     | 0.21     | 0.22       | 26.51   | ppb   |
| Cadmium    | 106-1 | 0.45     | 1.59     | 0.56     | 0.87       | 72.52   | ppb   |
| Cadmium    | 108-1 | 0.77     | 0.74     | 0.56     | 0.69       | 16.46   | ppb   |
| Calcium    | 43-1  | 20997.64 | 21397.38 | 20420.44 | 20938.49   | 2.35    | ppb   |
| Calcium    | 44-1  | 21057.86 | 21271.54 | 20459.26 | 20929.55   | 2.01    | ppb   |
| Chromium   | 52-2  | 14.23    | 14.87    | 14.34    | 14.48      | 2.38    | ppb   |
| Cobalt     | 59-2  | 12.71    | 12.82    | 12.98    | 12.84      | 1.06    | ppb   |
| Copper     | 63-2  | 47.70    | 49.38    | 48.11    | 48.40      | 1.81    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 108        |         | %     |
| Holmium    | 165-2 |          |          |          | 102        |         | %     |
| Indium     | 115-1 |          |          |          | 102        |         | %     |
| Indium     | 115-2 |          |          |          | 96         |         | %     |
| Iron       | 56-2  | 28527.85 | 29190.31 | 28785.74 | 28834.63   | 1.16    | ppb   |
| Iron       | 57-2  | 28162.03 | 28846.83 | 28435.95 | 28481.61   | 1.21    | ppb   |
| Krypton    | 83-1  | 2910.47  | -3345.16 | -2836.58 | -1090.42   |         | ppb   |
| Lead       | 206-1 | 16.57    | 16.55    | 15.66    | 16.26      | 3.17    | ppb   |
| Lead       | 207-1 | 14.51    | 14.48    | 14.09    | 14.36      | 1.60    | ppb   |
| Lead       | 208-1 | 15.33    | 15.54    | 14.93    | 15.27      | 2.01    | ppb   |
| Lithium    | 6-1   |          |          |          | 99         |         | %     |
| Magnesium  | 24-2  | 10121.74 | 10299.21 | 10038.61 | 10153.19   | 1.31    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-07DLX2        | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY8D             | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-10-03 16:12:26 | DataFile Name :   | 038SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 1219.66 | 1254.50 | 1245.41 | 1239.86    | 1.46    | ppb   |
| Molybdenum | 94-1  | 10.21   | 9.53    | 9.86    | 9.87       | 3.43    | ppb   |
| Molybdenum | 95-1  | 2.50    | 2.59    | 2.49    | 2.53       | 2.30    | ppb   |
| Molybdenum | 96-1  | 3.57    | 3.48    | 3.39    | 3.48       | 2.56    | ppb   |
| Molybdenum | 97-1  | 2.55    | 2.56    | 2.52    | 2.55       | 0.83    | ppb   |
| Molybdenum | 98-1  | 2.46    | 2.47    | 2.50    | 2.47       | 0.79    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 16.54   | 16.70   | 16.57   | 16.60      | 0.51    | ppb   |
| Phosphorus | 31-2  | 894.75  | 1090.84 | 982.29  | 989.29     | 9.93    | ppb   |
| Potassium  | 39-2  | 4737.35 | 4888.16 | 4829.86 | 4818.46    | 1.58    | ppb   |
| Rhodium    | 103-1 |         |         |         | 101        |         | %     |
| Rhodium    | 103-2 |         |         |         | 98         |         | %     |
| Scandium   | 45-1  |         |         |         | 99         |         | %     |
| Scandium   | 45-2  |         |         |         | 93         |         | %     |
| Selenium   | 77-2  | 39.50   | 22.05   | 32.94   | 31.50      | 27.98   | ppb   |
| Selenium   | 78-2  | 4.10    | 6.61    | 4.79    | 5.17       | 25.13   | ppb   |
| Selenium   | 82-1  | 0.43    | 0.32    | 0.29    | 0.35       | 21.25   | ppb   |
| Silicon    | 28-1  | 1681.53 | 1699.92 | 1646.67 | 1676.04    | 1.61    | ppb   |
| Silver     | 109-1 | 0.26    | 0.24    | 0.25    | 0.25       | 3.89    | ppb   |
| Silver     | 107-1 | 0.25    | 0.24    | 0.23    | 0.24       | 5.07    | ppb   |
| Sodium     | 23-2  | 634.16  | 664.94  | 649.00  | 649.36     | 2.37    | ppb   |
| Strontium  | 86-1  | 167.30  | 166.82  | 160.26  | 164.79     | 2.39    | ppb   |
| Strontium  | 88-1  | 173.45  | 171.33  | 168.90  | 171.22     | 1.33    | ppb   |
| Sulfur     | 34-1  | 2848.95 | 3129.64 | 2336.46 | 2771.68    | 14.51   | ppb   |
| Terbium    | 159-1 |         |         |         | 107        |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 0.39    | 0.38    | 0.37    | 0.38       | 3.21    | ppb   |
| Thallium   | 205-1 | 0.35    | 0.40    | 0.39    | 0.38       | 6.57    | ppb   |
| Tin        | 118-1 | 0.85    | 0.76    | 0.76    | 0.79       | 6.79    | ppb   |
| Titanium   | 47-1  | 286.34  | 290.19  | 282.39  | 286.30     | 1.36    | ppb   |
| Uranium    | 238-1 | 8.38    | 8.48    | 8.22    | 8.36       | 1.59    | ppb   |
| Vanadium   | 51-2  | 61.02   | 63.11   | 62.62   | 62.25      | 1.76    | ppb   |
| Yttrium    | 89-1  |         |         |         | 107        |         | %     |
| Yttrium    | 89-2  |         |         |         | 100        |         | %     |
| Zinc       | 66-2  | 82.33   | 84.61   | 84.93   | 83.96      | 1.68    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-07DLX2        | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY8D             | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-10-03 16:12:26 | DataFile Name :   | 038SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 5.38    | 5.51    | 5.26    | 5.38       | 2.32    | ppb   |
| Zirconium | 91-1 | 5.37    | 5.38    | 5.27    | 5.34       | 1.16    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-06LDLX10      | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY8L             | Dilution Factor : | 10        |
| Date & Time Acquired :: | 2018-10-03 16:15:47 | DataFile Name :   | 039SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 3235.19 | 3270.23 | 3285.33 | 3263.58    | 0.79    | ppb   |
| Antimony   | 121-1 | 0.06    | 0.07    | 0.08    | 0.07       | 9.91    | ppb   |
| Arsenic    | 75-2  | 3.35    | 3.25    | 3.30    | 3.30       | 1.54    | ppb   |
| Barium     | 135-1 | 48.29   | 48.42   | 48.09   | 48.26      | 0.35    | ppb   |
| Barium     | 137-1 | 47.87   | 48.28   | 48.20   | 48.12      | 0.46    | ppb   |
| Beryllium  | 9-1   | 0.26    | 0.24    | 0.23    | 0.24       | 6.47    | ppb   |
| Bismuth    | 209-1 |         |         |         | 108        |         | %     |
| Bismuth    | 209-2 |         |         |         | 102        |         | %     |
| Boron      | 10-1  | 3.63    | 3.94    | 3.15    | 3.58       | 11.16   | ppb   |
| Boron      | 11-1  | 3.17    | 2.65    | 2.85    | 2.89       | 9.10    | ppb   |
| Cadmium    | 111-1 | 0.06    | 0.04    | 0.03    | 0.04       | 29.66   | ppb   |
| Cadmium    | 106-1 | -0.10   | -0.12   | -0.01   | -0.08      |         | ppb   |
| Cadmium    | 108-1 | 0.07    | 0.04    | 0.04    | 0.05       | 33.02   | ppb   |
| Calcium    | 43-1  | 3978.37 | 4078.09 | 3963.47 | 4006.64    | 1.56    | ppb   |
| Calcium    | 44-1  | 4069.44 | 4096.87 | 4060.51 | 4075.61    | 0.46    | ppb   |
| Chromium   | 52-2  | 2.86    | 3.03    | 2.89    | 2.93       | 3.00    | ppb   |
| Cobalt     | 59-2  | 2.73    | 2.57    | 2.68    | 2.66       | 3.09    | ppb   |
| Copper     | 63-2  | 9.76    | 9.93    | 9.61    | 9.77       | 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 |         |         |         | 107        |         | %     |
| Holmium    | 165-2 |         |         |         | 103        |         | %     |
| Indium     | 115-1 |         |         |         | 105        |         | %     |
| Indium     | 115-2 |         |         |         | 98         |         | %     |
| Iron       | 56-2  | 5785.68 | 5881.33 | 5871.80 | 5846.27    | 0.90    | ppb   |
| Iron       | 57-2  | 5706.71 | 5685.20 | 5724.46 | 5705.46    | 0.34    | ppb   |
| Krypton    | 83-1  | -837.53 | 2293.56 | 726.62  | 727.55     | 215.18  | ppb   |
| Lead       | 206-1 | 3.26    | 3.32    | 3.45    | 3.34       | 2.94    | ppb   |
| Lead       | 207-1 | 2.92    | 3.01    | 2.94    | 2.96       | 1.46    | ppb   |
| Lead       | 208-1 | 3.10    | 3.16    | 3.18    | 3.15       | 1.31    | ppb   |
| Lithium    | 6-1   |         |         |         | 99         |         | %     |
| Magnesium  | 24-2  | 2011.14 | 2074.16 | 2074.84 | 2053.38    | 1.78    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-06LDLX10      | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY8L             | Dilution Factor : | 10        |
| Date & Time Acquired :: | 2018-10-03 16:15:47 | DataFile Name :   | 039SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 243.66   | 253.55   | 251.18   | 249.46     | 2.07    | ppb   |
| Molybdenum | 94-1  | 2.04     | 2.07     | 2.02     | 2.04       | 1.12    | ppb   |
| Molybdenum | 95-1  | 0.52     | 0.54     | 0.56     | 0.54       | 3.76    | ppb   |
| Molybdenum | 96-1  | 0.74     | 0.69     | 0.74     | 0.72       | 4.06    | ppb   |
| Molybdenum | 97-1  | 0.53     | 0.41     | 0.53     | 0.49       | 14.10   | ppb   |
| Molybdenum | 98-1  | 0.52     | 0.49     | 0.55     | 0.52       | 6.27    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 3.43     | 3.47     | 3.42     | 3.44       | 0.76    | ppb   |
| Phosphorus | 31-2  | 214.31   | 110.74   | 201.05   | 175.36     | 32.14   | ppb   |
| Potassium  | 39-2  | 928.54   | 982.01   | 926.76   | 945.77     | 3.32    | ppb   |
| Rhodium    | 103-1 |          |          |          | 104        |         | %     |
| Rhodium    | 103-2 |          |          |          | 100        |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 95         |         | %     |
| Selenium   | 77-2  | 18.56    | 3.69     | 7.41     | 9.89       | 78.23   | ppb   |
| Selenium   | 78-2  | 0.62     | 0.61     | -0.59    | 0.21       | 327.67  | ppb   |
| Selenium   | 82-1  | -0.13    | -0.11    | -0.08    | -0.11      |         | ppb   |
| Silicon    | 28-1  | 332.14   | 341.71   | 344.87   | 339.57     | 1.95    | ppb   |
| Silver     | 109-1 | 0.08     | 0.07     | 0.07     | 0.07       | 12.50   | ppb   |
| Silver     | 107-1 | 0.09     | 0.07     | 0.08     | 0.08       | 9.99    | ppb   |
| Sodium     | 23-2  | 124.90   | 132.79   | 136.25   | 131.31     | 4.43    | ppb   |
| Strontium  | 86-1  | 32.29    | 33.46    | 32.91    | 32.89      | 1.77    | ppb   |
| Strontium  | 88-1  | 33.76    | 33.92    | 33.76    | 33.82      | 0.27    | ppb   |
| Sulfur     | 34-1  | -1562.54 | -1471.96 | -1379.34 | -1471.28   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 107        |         | %     |
| Terbium    | 159-2 |          |          |          | 100        |         | %     |
| Thallium   | 203-1 | 0.08     | 0.06     | 0.08     | 0.07       | 11.36   | ppb   |
| Thallium   | 205-1 | 0.07     | 0.08     | 0.07     | 0.07       | 6.35    | ppb   |
| Tin        | 118-1 | 0.16     | 0.15     | 0.16     | 0.15       | 3.84    | ppb   |
| Titanium   | 47-1  | 58.02    | 56.92    | 55.77    | 56.90      | 1.97    | ppb   |
| Uranium    | 238-1 | 1.57     | 1.63     | 1.64     | 1.61       | 2.24    | ppb   |
| Vanadium   | 51-2  | 12.46    | 12.70    | 12.73    | 12.63      | 1.16    | ppb   |
| Yttrium    | 89-1  |          |          |          | 105        |         | %     |
| Yttrium    | 89-2  |          |          |          | 98         |         | %     |
| Zinc       | 66-2  | 17.84    | 17.70    | 17.55    | 17.70      | 0.84    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-06LDLX10      | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY8L             | Dilution Factor : | 10        |
| Date & Time Acquired :: | 2018-10-03 16:15:47 | DataFile Name :   | 039SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 1.04    | 1.09    | 1.08    | 1.07       | 2.33    | ppb   |
| Zirconium | 91-1 | 0.94    | 1.13    | 0.96    | 1.01       | 10.34   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-08DLX2        | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY8S             | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-10-03 16:19:07 | DataFile Name :   | 040SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 16658.48 | 16064.67 | 16274.30 | 16332.48   | 1.84    | ppb   |
| Antimony   | 121-1 | 9.00     | 8.98     | 9.21     | 9.06       | 1.39    | ppb   |
| Arsenic    | 75-2  | 20.71    | 19.89    | 20.07    | 20.22      | 2.13    | ppb   |
| Barium     | 135-1 | 425.72   | 424.51   | 424.10   | 424.78     | 0.20    | ppb   |
| Barium     | 137-1 | 421.97   | 417.55   | 424.54   | 421.36     | 0.84    | ppb   |
| Beryllium  | 9-1   | 5.78     | 5.58     | 6.06     | 5.81       | 4.11    | ppb   |
| Bismuth    | 209-1 |          |          |          | 107        |         | %     |
| Bismuth    | 209-2 |          |          |          | 100        |         | %     |
| Boron      | 10-1  | 12.99    | 13.46    | 13.31    | 13.26      | 1.80    | ppb   |
| Boron      | 11-1  | 12.24    | 11.82    | 12.99    | 12.35      | 4.82    | ppb   |
| Cadmium    | 111-1 | 4.88     | 4.78     | 4.78     | 4.81       | 1.15    | ppb   |
| Cadmium    | 106-1 | 5.33     | 4.69     | 4.31     | 4.78       | 10.86   | ppb   |
| Cadmium    | 108-1 | 4.80     | 5.21     | 4.68     | 4.90       | 5.68    | ppb   |
| Calcium    | 43-1  | 19888.56 | 19633.27 | 19680.49 | 19734.11   | 0.69    | ppb   |
| Calcium    | 44-1  | 20016.05 | 19746.21 | 19707.44 | 19823.23   | 0.85    | ppb   |
| Chromium   | 52-2  | 34.56    | 33.41    | 33.88    | 33.95      | 1.70    | ppb   |
| Cobalt     | 59-2  | 62.48    | 60.43    | 61.42    | 61.44      | 1.67    | ppb   |
| Copper     | 63-2  | 73.28    | 71.88    | 73.28    | 72.81      | 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 |          |          |          | 108        |         | %     |
| Holmium    | 165-2 |          |          |          | 101        |         | %     |
| Indium     | 115-1 |          |          |          | 105        |         | %     |
| Indium     | 115-2 |          |          |          | 96         |         | %     |
| Iron       | 56-2  | 29511.42 | 28560.11 | 28964.40 | 29011.98   | 1.65    | ppb   |
| Iron       | 57-2  | 29301.85 | 28324.74 | 28515.58 | 28714.05   | 1.80    | ppb   |
| Krypton    | 83-1  | 4953.33  | -2023.73 | 4110.57  | 2346.72    | 162.28  | ppb   |
| Lead       | 206-1 | 17.54    | 17.81    | 18.22    | 17.85      | 1.91    | ppb   |
| Lead       | 207-1 | 15.89    | 15.99    | 16.36    | 16.08      | 1.56    | ppb   |
| Lead       | 208-1 | 16.68    | 16.83    | 17.06    | 16.85      | 1.13    | ppb   |
| Lithium    | 6-1   |          |          |          | 100        |         | %     |
| Magnesium  | 24-2  | 10475.16 | 10161.62 | 10213.15 | 10283.31   | 1.63    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-08DLX2        | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY8S             | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-10-03 16:19:07 | DataFile Name :   | 040SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 1312.86 | 1276.24 | 1297.51 | 1295.54    | 1.42    | ppb   |
| Molybdenum | 94-1  | 9.43    | 9.33    | 9.51    | 9.43       | 0.95    | ppb   |
| Molybdenum | 95-1  | 2.42    | 2.43    | 2.48    | 2.44       | 1.40    | ppb   |
| Molybdenum | 96-1  | 3.24    | 3.37    | 3.35    | 3.32       | 2.17    | ppb   |
| Molybdenum | 97-1  | 2.39    | 2.33    | 2.42    | 2.38       | 1.79    | ppb   |
| Molybdenum | 98-1  | 2.45    | 2.35    | 2.43    | 2.41       | 2.06    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 66.28   | 65.43   | 65.57   | 65.76      | 0.70    | ppb   |
| Phosphorus | 31-2  | 1035.34 | 805.10  | 870.39  | 903.61     | 13.13   | ppb   |
| Potassium  | 39-2  | 4822.45 | 4730.67 | 4799.37 | 4784.16    | 1.00    | ppb   |
| Rhodium    | 103-1 |         |         |         | 103        |         | %     |
| Rhodium    | 103-2 |         |         |         | 98         |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 92         |         | %     |
| Selenium   | 77-2  | 59.52   | 46.96   | 68.81   | 58.43      | 18.77   | ppb   |
| Selenium   | 78-2  | 14.00   | 11.81   | 20.72   | 15.51      | 29.95   | ppb   |
| Selenium   | 82-1  | 12.79   | 13.55   | 13.88   | 13.41      | 4.15    | ppb   |
| Silicon    | 28-1  | 1597.66 | 1578.30 | 1564.85 | 1580.27    | 1.04    | ppb   |
| Silver     | 109-1 | 4.77    | 4.58    | 4.76    | 4.70       | 2.27    | ppb   |
| Silver     | 107-1 | 4.70    | 4.61    | 4.74    | 4.69       | 1.48    | ppb   |
| Sodium     | 23-2  | 654.18  | 634.12  | 638.08  | 642.13     | 1.65    | ppb   |
| Strontium  | 86-1  | 156.07  | 155.54  | 161.42  | 157.68     | 2.06    | ppb   |
| Strontium  | 88-1  | 165.77  | 162.65  | 165.29  | 164.57     | 1.02    | ppb   |
| Sulfur     | 34-1  | 2714.37 | 2210.53 | 2271.04 | 2398.65    | 11.47   | ppb   |
| Terbium    | 159-1 |         |         |         | 109        |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 5.00    | 4.99    | 4.90    | 4.96       | 1.06    | ppb   |
| Thallium   | 205-1 | 5.16    | 5.05    | 5.12    | 5.11       | 1.06    | ppb   |
| Tin        | 118-1 | 0.79    | 0.69    | 0.72    | 0.73       | 6.71    | ppb   |
| Titanium   | 47-1  | 279.38  | 276.59  | 274.92  | 276.96     | 0.81    | ppb   |
| Uranium    | 238-1 | 26.93   | 27.07   | 27.56   | 27.19      | 1.21    | ppb   |
| Vanadium   | 51-2  | 113.13  | 108.26  | 109.53  | 110.30     | 2.29    | ppb   |
| Yttrium    | 89-1  |         |         |         | 109        |         | %     |
| Yttrium    | 89-2  |         |         |         | 100        |         | %     |
| Zinc       | 66-2  | 137.19  | 131.77  | 135.80  | 134.92     | 2.09    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-08DLX2        | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY8S             | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-10-03 16:19:07 | DataFile Name :   | 040SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 5.13    | 5.04    | 5.20    | 5.13       | 1.51    | ppb   |
| Zirconium | 91-1 | 5.13    | 4.96    | 5.16    | 5.08       | 2.16    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB98345             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV071              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV071              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-10-03 16:23:14 | DataFile Name :   | 041CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 52045.69  | 51480.56  | 51379.95  | 51635.40   | 0.69    | ppb   |
| Antimony   | 121-1 | 497.19    | 494.90    | 497.42    | 496.50     | 0.28    | ppb   |
| Arsenic    | 75-2  | 501.13    | 498.71    | 492.54    | 497.46     | 0.89    | ppb   |
| Barium     | 135-1 | 2555.91   | 2509.80   | 2521.55   | 2529.09    | 0.95    | ppb   |
| Barium     | 137-1 | 2516.39   | 2491.04   | 2501.35   | 2502.93    | 0.51    | ppb   |
| Beryllium  | 9-1   | 523.33    | 508.59    | 518.96    | 516.96     | 1.46    | ppb   |
| Bismuth    | 209-1 |           |           |           | 105        |         | %     |
| Bismuth    | 209-2 |           |           |           | 94         |         | %     |
| Boron      | 10-1  | 450.43    | 448.24    | 471.62    | 456.76     | 2.83    | ppb   |
| Boron      | 11-1  | 445.53    | 441.12    | 461.56    | 449.40     | 2.39    | ppb   |
| Cadmium    | 111-1 | 489.88    | 482.76    | 486.44    | 486.36     | 0.73    | ppb   |
| Cadmium    | 106-1 | 498.95    | 491.30    | 491.76    | 494.00     | 0.87    | ppb   |
| Cadmium    | 108-1 | 494.49    | 482.87    | 492.32    | 489.90     | 1.26    | ppb   |
| Calcium    | 43-1  | 245904.35 | 240222.25 | 241203.26 | 242443.29  | 1.25    | ppb   |
| Calcium    | 44-1  | 247318.42 | 239051.21 | 240900.57 | 242423.40  | 1.79    | ppb   |
| Chromium   | 52-2  | 533.34    | 528.75    | 532.22    | 531.44     | 0.45    | ppb   |
| Cobalt     | 59-2  | 512.38    | 508.34    | 509.05    | 509.92     | 0.42    | ppb   |
| Copper     | 63-2  | 1029.57   | 1008.33   | 1018.83   | 1018.91    | 1.04    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 110        |         | %     |
| Holmium    | 165-2 |           |           |           | 101        |         | %     |
| Indium     | 115-1 |           |           |           | 101        |         | %     |
| Indium     | 115-2 |           |           |           | 90         |         | %     |
| Iron       | 56-2  | 130218.56 | 128797.94 | 128896.81 | 129304.44  | 0.61    | ppb   |
| Iron       | 57-2  | 131943.95 | 129775.78 | 129434.55 | 130384.76  | 1.04    | ppb   |
| Krypton    | 83-1  | -1801.73  | 2630.33   | -1337.17  | -169.52    |         | ppb   |
| Lead       | 206-1 | 522.37    | 514.36    | 521.90    | 519.55     | 0.86    | ppb   |
| Lead       | 207-1 | 521.97    | 506.90    | 520.92    | 516.60     | 1.63    | ppb   |
| Lead       | 208-1 | 520.50    | 508.20    | 520.53    | 516.41     | 1.38    | ppb   |
| Lithium    | 6-1   |           |           |           | 94         |         | %     |
| Magnesium  | 24-2  | 250393.31 | 247469.91 | 247052.97 | 248305.40  | 0.73    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB98345             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV071              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV071              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-10-03 16:23:14 | DataFile Name :   | 041CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 1034.91   | 1013.05   | 1018.16   | 1022.04    | 1.12    | ppb   |
| Molybdenum | 94-1  | 2556.11   | 2492.08   | 2540.50   | 2529.56    | 1.32    | ppb   |
| Molybdenum | 95-1  | 2576.46   | 2472.35   | 2549.16   | 2532.66    | 2.13    | ppb   |
| Molybdenum | 96-1  | 2573.45   | 2495.23   | 2540.29   | 2536.32    | 1.55    | ppb   |
| Molybdenum | 97-1  | 2575.34   | 2486.53   | 2530.32   | 2530.73    | 1.75    | ppb   |
| Molybdenum | 98-1  | 2573.42   | 2494.21   | 2528.28   | 2531.97    | 1.57    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 527.72    | 521.50    | 523.62    | 524.28     | 0.60    | ppb   |
| Phosphorus | 31-2  | 9720.96   | 11004.54  | 9520.04   | 10081.85   | 7.99    | ppb   |
| Potassium  | 39-2  | 125785.71 | 124757.16 | 124079.38 | 124874.08  | 0.69    | ppb   |
| Rhodium    | 103-1 |           |           |           | 97         |         | %     |
| Rhodium    | 103-2 |           |           |           | 91         |         | %     |
| Scandium   | 45-1  |           |           |           | 96         |         | %     |
| Scandium   | 45-2  |           |           |           | 88         |         | %     |
| Selenium   | 77-2  | 505.58    | 589.71    | 456.91    | 517.40     | 12.98   | ppb   |
| Selenium   | 78-2  | 478.57    | 486.44    | 474.53    | 479.85     | 1.26    | ppb   |
| Selenium   | 82-1  | 498.87    | 483.49    | 499.32    | 493.89     | 1.82    | ppb   |
| Silicon    | 28-1  | 560.07    | 547.47    | 561.99    | 556.51     | 1.42    | ppb   |
| Silver     | 109-1 | 505.30    | 502.23    | 506.92    | 504.82     | 0.47    | ppb   |
| Silver     | 107-1 | 510.75    | 503.85    | 507.07    | 507.22     | 0.68    | ppb   |
| Sodium     | 23-2  | 249914.48 | 246086.99 | 245409.68 | 247137.05  | 0.98    | ppb   |
| Strontium  | 86-1  | 504.11    | 481.56    | 498.98    | 494.89     | 2.39    | ppb   |
| Strontium  | 88-1  | 514.15    | 497.60    | 507.35    | 506.37     | 1.64    | ppb   |
| Sulfur     | 34-1  | 12687.81  | 11537.98  | 11637.93  | 11954.57   | 5.33    | ppb   |
| Terbium    | 159-1 |           |           |           | 109        |         | %     |
| Terbium    | 159-2 |           |           |           | 98         |         | %     |
| Thallium   | 203-1 | 524.07    | 509.97    | 518.98    | 517.67     | 1.38    | ppb   |
| Thallium   | 205-1 | 513.99    | 504.70    | 518.91    | 512.53     | 1.41    | ppb   |
| Tin        | 118-1 | 504.24    | 494.73    | 499.04    | 499.34     | 0.95    | ppb   |
| Titanium   | 47-1  | 2552.92   | 2496.33   | 2488.17   | 2512.47    | 1.40    | ppb   |
| Uranium    | 238-1 | 519.80    | 510.15    | 521.35    | 517.10     | 1.17    | ppb   |
| Vanadium   | 51-2  | 518.85    | 516.33    | 518.23    | 517.80     | 0.25    | ppb   |
| Yttrium    | 89-1  |           |           |           | 103        |         | %     |
| Yttrium    | 89-2  |           |           |           | 93         |         | %     |
| Zinc       | 66-2  | 1039.78   | 1031.14   | 1034.10   | 1035.01    | 0.42    | ppb   |



|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB98345             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV071              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV071              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-10-03 16:23:14 | DataFile Name :   | 041CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 516.89  | 499.53  | 507.61  | 508.01     | 1.71    | ppb   |
| Zirconium | 91-1 | 514.88  | 499.39  | 511.39  | 508.55     | 1.60    | ppb   |

LB Number : LB98345 Operator : Jaswal  
 Lab Sample ID : CCB071 Instrumnet Name : P8  
 Client Sample ID : CCB071 Dilution Factor : 1  
 Date & Time Acquired :: 2018-10-03 16:28:41 DataFile Name : 042CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.40    | 0.96    | 1.49    | 0.95       | 57.00   | ppb   |
| Antimony   | 121-1 | 0.46    | 0.37    | 0.45    | 0.43       | 10.94   | ppb   |
| Arsenic    | 75-2  | 0.02    | 0.07    | 0.05    | 0.05       | 53.75   | ppb   |
| Barium     | 135-1 | 0.04    | 0.03    | 0.05    | 0.04       | 29.72   | ppb   |
| Barium     | 137-1 | 0.01    | 0.00    | 0.00    | 0.00       | 66.05   | ppb   |
| Beryllium  | 9-1   | 0.09    | 0.05    | 0.04    | 0.06       | 43.15   | ppb   |
| Bismuth    | 209-1 |         |         |         | 110        |         | %     |
| Bismuth    | 209-2 |         |         |         | 100        |         | %     |
| Boron      | 10-1  | 6.30    | 6.55    | 5.70    | 6.19       | 7.04    | ppb   |
| Boron      | 11-1  | 6.20    | 5.49    | 4.71    | 5.47       | 13.60   | ppb   |
| Cadmium    | 111-1 | -0.01   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Cadmium    | 106-1 | -0.36   | -0.59   | -0.93   | -0.63      |         | ppb   |
| Cadmium    | 108-1 | 0.01    | -0.08   | -0.11   | -0.06      |         | ppb   |
| Calcium    | 43-1  | -5.46   | -4.89   | -1.41   | -3.92      |         | ppb   |
| Calcium    | 44-1  | -0.10   | -1.74   | 0.28    | -0.52      |         | ppb   |
| Chromium   | 52-2  | 0.04    | 0.09    | 0.12    | 0.08       | 49.59   | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.00    | 0.06    | 0.06    | 0.04       | 84.87   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 109        |         | %     |
| Holmium    | 165-2 |         |         |         | 98         |         | %     |
| Indium     | 115-1 |         |         |         | 104        |         | %     |
| Indium     | 115-2 |         |         |         | 93         |         | %     |
| Iron       | 56-2  | 3.73    | 3.46    | 3.29    | 3.49       | 6.42    | ppb   |
| Iron       | 57-2  | 3.41    | 1.02    | 0.48    | 1.64       | 95.23   | ppb   |
| Krypton    | 83-1  | 5667.76 | 1271.57 | 5226.27 | 4055.20    | 59.70   | ppb   |
| Lead       | 206-1 | 0.06    | 0.05    | 0.05    | 0.06       | 11.47   | ppb   |
| Lead       | 207-1 | 0.08    | 0.05    | 0.05    | 0.06       | 32.20   | ppb   |
| Lead       | 208-1 | 0.07    | 0.05    | 0.06    | 0.06       | 12.22   | ppb   |
| Lithium    | 6-1   |         |         |         | 100        |         | %     |
| Magnesium  | 24-2  | 6.21    | 7.63    | 6.05    | 6.63       | 13.14   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB071              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB071              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 16:28:41 | DataFile Name :   | 042CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.14    | 0.01     | -0.03   | 0.04       | 229.69  | ppb   |
| Molybdenum | 94-1  | 0.39    | 0.38     | 0.35    | 0.37       | 6.24    | ppb   |
| Molybdenum | 95-1  | 0.29    | 0.25     | 0.30    | 0.28       | 8.43    | ppb   |
| Molybdenum | 96-1  | 0.31    | 0.30     | 0.28    | 0.30       | 4.56    | ppb   |
| Molybdenum | 97-1  | 0.27    | 0.32     | 0.21    | 0.27       | 19.84   | ppb   |
| Molybdenum | 98-1  | 0.26    | 0.30     | 0.27    | 0.27       | 8.13    | ppb   |
| Neodymium  | 150-1 |         |          |         |            |         | cps   |
| Neodymium  | 150-2 |         |          |         |            |         | cps   |
| Nickel     | 60-2  | 0.08    | -0.08    | 0.00    | 0.00       | 4443.18 | ppb   |
| Phosphorus | 31-2  | 21.00   | 3.54     | 4.59    | 9.71       | 100.86  | ppb   |
| Potassium  | 39-2  | -1.65   | -15.01   | -12.82  | -9.83      |         | ppb   |
| Rhodium    | 103-1 |         |          |         | 104        |         | %     |
| Rhodium    | 103-2 |         |          |         | 96         |         | %     |
| Scandium   | 45-1  |         |          |         | 98         |         | %     |
| Scandium   | 45-2  |         |          |         | 86         |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00     | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.68    | -0.59    | -0.59   | -0.17      |         | ppb   |
| Selenium   | 82-1  | 0.14    | 0.03     | 0.24    | 0.13       | 77.48   | ppb   |
| Silicon    | 28-1  | -3.12   | -5.69    | -3.67   | -4.16      |         | ppb   |
| Silver     | 109-1 | 0.04    | 0.03     | 0.03    | 0.03       | 13.45   | ppb   |
| Silver     | 107-1 | 0.04    | 0.03     | 0.04    | 0.04       | 7.87    | ppb   |
| Sodium     | 23-2  | 14.78   | 10.47    | 16.49   | 13.91      | 22.28   | ppb   |
| Strontium  | 86-1  | -0.02   | -0.04    | -0.02   | -0.03      |         | ppb   |
| Strontium  | 88-1  | 0.02    | 0.02     | 0.01    | 0.02       | 12.37   | ppb   |
| Sulfur     | 34-1  | -885.52 | -1398.52 | -962.10 | -1082.04   |         | ppb   |
| Terbium    | 159-1 |         |          |         | 109        |         | %     |
| Terbium    | 159-2 |         |          |         | 97         |         | %     |
| Thallium   | 203-1 | 0.04    | 0.04     | 0.04    | 0.04       | 4.47    | ppb   |
| Thallium   | 205-1 | 0.06    | 0.06     | 0.05    | 0.06       | 12.31   | ppb   |
| Tin        | 118-1 | 0.20    | 0.13     | 0.23    | 0.19       | 27.76   | ppb   |
| Titanium   | 47-1  | 0.05    | 0.03     | 0.06    | 0.05       | 35.95   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00     | 0.00    | 0.00       | 49.93   | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.03     | 0.01    | 0.01       | 140.08  | ppb   |
| Yttrium    | 89-1  |         |          |         | 103        |         | %     |
| Yttrium    | 89-2  |         |          |         | 92         |         | %     |
| Zinc       | 66-2  | -0.68   | -0.38    | -0.48   | -0.51      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB071              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB071              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 16:28:41 | DataFile Name :   | 042CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.11    | 0.11    | 0.10    | 0.11       | 5.37    | ppb   |
| Zirconium | 91-1 | 0.15    | 0.14    | 0.13    | 0.14       | 8.85    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 13:35:10 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 23      | 8       | 20      | 17      | 48.23  | cps   |
| Antimony   | 121-1 | 133     | 167     | 325     | 208     | 49.15  | cps   |
| Arsenic    | 75-2  | 4       | 4       | 4       | 4       | 0.00   | cps   |
| Barium     | 135-1 | 17      | 25      | 33      | 25      | 33.32  | cps   |
| Barium     | 137-1 | 50      | 158     | 50      | 86      | 72.64  | cps   |
| Beryllium  | 9-1   | 200     | 183     | 200     | 194     | 4.95   | cps   |
| Bismuth    | 209-1 | 5053046 | 4919063 | 5117400 | 5029836 | 2.01   | cps   |
| Bismuth    | 209-2 | 1870177 | 1867850 | 1799652 | 1845893 | 2.17   | cps   |
| Boron      | 10-1  | 375     | 492     | 467     | 444     | 13.82  | cps   |
| Boron      | 11-1  | 2534    | 2425    | 2484    | 2481    | 2.19   | cps   |
| Cadmium    | 111-1 | 1161    | 1120    | 1155    | 1145    | 1.93   | cps   |
| Cadmium    | 106-1 | 1659    | 1609    | 1659    | 1642    | 1.76   | cps   |
| Cadmium    | 108-1 | 13      | 21      | 21      | 18      | 26.64  | cps   |
| Calcium    | 43-1  | 583     | 542     | 550     | 558     | 3.95   | cps   |
| Calcium    | 44-1  | 17253   | 16878   | 17845   | 17325   | 2.82   | cps   |
| Chromium   | 52-2  | 443     | 430     | 457     | 443     | 3.01   | cps   |
| Cobalt     | 59-2  | 87      | 57      | 73      | 72      | 20.81  | cps   |
| Copper     | 63-2  | 487     | 457     | 503     | 482     | 4.91   | cps   |
| Dysprosium | 156-1 | 8       | 8       | 17      | 11      | 43.34  | cps   |
| Dysprosium | 156-2 | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Erbium     | 164-1 | 50      | 33      | 8       | 31      | 68.64  | cps   |
| Erbium     | 164-2 | 3       | 13      | 10      | 9       | 57.30  | cps   |
| Gadolinium | 160-1 | 42      | 92      | 33      | 56      | 56.79  | cps   |
| Gadolinium | 160-2 | 20      | 20      | 0       | 13      | 86.60  | cps   |
| Holmium    | 165-1 | 7536672 | 7529738 | 7695086 | 7587165 | 1.23   | cps   |
| Holmium    | 165-2 | 2247011 | 2224453 | 2153313 | 2208259 | 2.21   | cps   |
| Indium     | 115-1 | 6490490 | 6477514 | 6717043 | 6561683 | 2.05   | cps   |
| Indium     | 115-2 | 377282  | 378049  | 361707  | 372346  | 2.48   | cps   |
| Iron       | 56-2  | 1433    | 1517    | 1189    | 1380    | 12.35  | cps   |
| Iron       | 57-2  | 44      | 33      | 56      | 44      | 25.01  | cps   |
| Krypton    | 83-1  | 347     | 393     | 447     | 396     | 12.65  | cps   |
| Lead       | 206-1 | 300     | 361     | 278     | 313     | 13.79  | cps   |
| Lead       | 207-1 | 272     | 283     | 272     | 276     | 2.33   | cps   |
| Lead       | 208-1 | 1317    | 1317    | 1133    | 1256    | 8.43   | cps   |
| Lithium    | 6-1   | 1621611 | 1647290 | 1643836 | 1637579 | 0.85   | cps   |
| Magnesium  | 24-2  | 317     | 317     | 283     | 306     | 6.30   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 13:35:10 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 40      | 80      | 30      | 50      | 52.92  | cps   |
| Molybdenum | 94-1  | 242     | 267     | 342     | 283     | 18.37  | cps   |
| Molybdenum | 95-1  | 117     | 175     | 142     | 144     | 20.26  | cps   |
| Molybdenum | 96-1  | 258     | 217     | 275     | 250     | 12.02  | cps   |
| Molybdenum | 97-1  | 217     | 208     | 175     | 200     | 11.02  | cps   |
| Molybdenum | 98-1  | 258     | 217     | 342     | 272     | 23.38  | cps   |
| Neodymium  | 150-1 | 0       | 7       | 7       | 4       | 86.60  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 327     | 323     | 377     | 342     | 8.73   | cps   |
| Phosphorus | 31-2  | 25      | 0       | 0       | 8       | 173.21 | cps   |
| Potassium  | 39-2  | 3367    | 3417    | 3542    | 3442    | 2.62   | cps   |
| Rhodium    | 103-1 | 6298141 | 6200358 | 6347881 | 6282127 | 1.19   | cps   |
| Rhodium    | 103-2 | 2071561 | 2086685 | 1988686 | 2048977 | 2.57   | cps   |
| Scandium   | 45-1  | 4672007 | 4584198 | 4744102 | 4666769 | 1.72   | cps   |
| Scandium   | 45-2  | 40793   | 42204   | 39850   | 40949   | 2.89   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 0       | 4       | 2       | 2       | 100.00 | cps   |
| Selenium   | 82-1  | 226     | 228     | 188     | 214     | 10.46  | cps   |
| Silicon    | 28-1  | 290984  | 289922  | 292074  | 290993  | 0.37   | cps   |
| Silver     | 109-1 | 92      | 67      | 33      | 64      | 45.81  | cps   |
| Silver     | 107-1 | 58      | 83      | 67      | 69      | 18.33  | cps   |
| Sodium     | 23-2  | 8786    | 9070    | 8478    | 8778    | 3.37   | cps   |
| Strontium  | 86-1  | 592     | 758     | 700     | 683     | 12.38  | cps   |
| Strontium  | 88-1  | 133     | 142     | 167     | 147     | 11.78  | cps   |
| Sulfur     | 34-1  | 416877  | 422995  | 418783  | 419551  | 0.75   | cps   |
| Terbium    | 159-1 | 7881721 | 7904956 | 8021609 | 7936095 | 0.94   | cps   |
| Terbium    | 159-2 | 2211575 | 2202672 | 2121645 | 2178631 | 2.27   | cps   |
| Thallium   | 203-1 | 225     | 192     | 233     | 217     | 10.18  | cps   |
| Thallium   | 205-1 | 517     | 442     | 392     | 450     | 13.98  | cps   |
| Tin        | 118-1 | 817     | 942     | 958     | 906     | 8.55   | cps   |
| Titanium   | 47-1  | 150     | 83      | 142     | 125     | 29.06  | cps   |
| Uranium    | 238-1 | 117     | 100     | 83      | 100     | 16.66  | cps   |
| Vanadium   | 51-2  | 10      | 0       | 0       | 3       | 173.21 | cps   |
| Yttrium    | 89-1  | 7002307 | 7006741 | 7151541 | 7053530 | 1.20   | cps   |
| Yttrium    | 89-2  | 280134  | 281978  | 269576  | 277229  | 2.41   | cps   |
| Zinc       | 66-2  | 287     | 247     | 240     | 258     | 9.79   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | S00                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S00                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 13:35:10 | DataFile Name :   | 003CALB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 617  | 675  | 658  | 650     | 4.62   | cps   |
| Zirconium | 91-1 | 75   | 133  | 150  | 119     | 32.97  | cps   |

LB Number : LB98345 Operator : Jaswal  
 Lab Sample ID : S01 Instrumnet Name : P8  
 Client Sample ID : S01 Dilution Factor : 1  
 Date & Time Acquired :: 2018-10-03 13:38:32 DataFile Name : 004CALS.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 48      | 30      | 40      | 39      | 22.41  | cps   |
| Antimony   | 121-1 | 1942    | 1984    | 1792    | 1906    | 5.29   | cps   |
| Arsenic    | 75-2  | 22      | 30      | 15      | 22      | 33.32  | cps   |
| Barium     | 135-1 | 1817    | 1792    | 1650    | 1753    | 5.13   | cps   |
| Barium     | 137-1 | 3384    | 3167    | 2850    | 3134    | 8.56   | cps   |
| Beryllium  | 9-1   | 422     | 472     | 356     | 417     | 14.05  | cps   |
| Bismuth    | 209-1 | 5101721 | 4931969 | 4981650 | 5005113 | 1.74   | cps   |
| Bismuth    | 209-2 | 1875849 | 1892421 | 1828280 | 1865517 | 1.78   | cps   |
| Boron      | 10-1  | 825     | 1000    | 1050    | 958     | 12.33  | cps   |
| Boron      | 11-1  | 4518    | 4101    | 4284    | 4301    | 4.86   | cps   |
| Cadmium    | 111-1 | 1276    | 1433    | 1433    | 1381    | 6.55   | cps   |
| Cadmium    | 106-1 | 1600    | 1775    | 1717    | 1697    | 5.25   | cps   |
| Cadmium    | 108-1 | 21      | 25      | 33      | 26      | 24.12  | cps   |
| Calcium    | 43-1  | 1825    | 2000    | 1575    | 1800    | 11.87  | cps   |
| Calcium    | 44-1  | 36841   | 35897   | 37434   | 36724   | 2.11   | cps   |
| Chromium   | 52-2  | 670     | 653     | 637     | 653     | 2.55   | cps   |
| Cobalt     | 59-2  | 270     | 313     | 273     | 286     | 8.44   | cps   |
| Copper     | 63-2  | 900     | 887     | 753     | 847     | 9.58   | cps   |
| Dysprosium | 156-1 | 17      | 8       | 33      | 19      | 65.48  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 25      | 33      | 58      | 39      | 44.62  | cps   |
| Erbium     | 164-2 | 3       | 13      | 3       | 7       | 86.65  | cps   |
| Gadolinium | 160-1 | 75      | 75      | 67      | 72      | 6.66   | cps   |
| Gadolinium | 160-2 | 17      | 7       | 7       | 10      | 57.72  | cps   |
| Holmium    | 165-1 | 7662636 | 7577936 | 7648953 | 7629842 | 0.60   | cps   |
| Holmium    | 165-2 | 2239471 | 2250220 | 2167858 | 2219183 | 2.02   | cps   |
| Indium     | 115-1 | 6659044 | 6533408 | 6484756 | 6559069 | 1.37   | cps   |
| Indium     | 115-2 | 383978  | 387720  | 367634  | 379777  | 2.81   | cps   |
| Iron       | 56-2  | 5190    | 5184    | 5045    | 5140    | 1.59   | cps   |
| Iron       | 57-2  | 144     | 183     | 156     | 161     | 12.43  | cps   |
| Krypton    | 83-1  | 400     | 347     | 393     | 380     | 7.65   | cps   |
| Lead       | 206-1 | 911     | 933     | 778     | 874     | 9.63   | cps   |
| Lead       | 207-1 | 617     | 828     | 783     | 743     | 14.99  | cps   |
| Lead       | 208-1 | 3395    | 3411    | 3306    | 3371    | 1.68   | cps   |
| Lithium    | 6-1   | 1648464 | 1639611 | 1673772 | 1653949 | 1.07   | cps   |
| Magnesium  | 24-2  | 2442    | 2292    | 1975    | 2236    | 10.65  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | S01                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S01                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 13:38:32 | DataFile Name :   | 004CALS.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 80      | 103     | 67      | 83      | 22.27  | cps   |
| Molybdenum | 94-1  | 1583    | 1692    | 1583    | 1620    | 3.86   | cps   |
| Molybdenum | 95-1  | 2059    | 1967    | 1925    | 1984    | 3.44   | cps   |
| Molybdenum | 96-1  | 2267    | 2209    | 2184    | 2220    | 1.93   | cps   |
| Molybdenum | 97-1  | 1517    | 1183    | 1283    | 1328    | 12.88  | cps   |
| Molybdenum | 98-1  | 3167    | 3117    | 3492    | 3259    | 6.25   | cps   |
| Neodymium  | 150-1 | 0       | 20      | 7       | 9       | 114.55 | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 413     | 480     | 380     | 424     | 12.00  | cps   |
| Phosphorus | 31-2  | 8       | 0       | 0       | 3       | 173.21 | cps   |
| Potassium  | 39-2  | 4384    | 4784    | 4259    | 4476    | 6.13   | cps   |
| Rhodium    | 103-1 | 6426639 | 6292746 | 6340014 | 6353133 | 1.07   | cps   |
| Rhodium    | 103-2 | 2084126 | 2090088 | 1985761 | 2053325 | 2.85   | cps   |
| Scandium   | 45-1  | 4723252 | 4628904 | 4653639 | 4668599 | 1.05   | cps   |
| Scandium   | 45-2  | 42414   | 42173   | 41452   | 42013   | 1.19   | cps   |
| Selenium   | 77-2  | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 7       | 2       | 7       | 6       | 57.77  | cps   |
| Selenium   | 82-1  | 303     | 322     | 262     | 296     | 10.27  | cps   |
| Silicon    | 28-1  | 302715  | 299466  | 303190  | 301790  | 0.67   | cps   |
| Silver     | 109-1 | 917     | 992     | 833     | 914     | 8.67   | cps   |
| Silver     | 107-1 | 1083    | 1017    | 900     | 1000    | 9.28   | cps   |
| Sodium     | 23-2  | 13023   | 12948   | 12881   | 12951   | 0.55   | cps   |
| Strontium  | 86-1  | 875     | 742     | 833     | 817     | 8.35   | cps   |
| Strontium  | 88-1  | 2367    | 2342    | 2309    | 2339    | 1.25   | cps   |
| Sulfur     | 34-1  | 431139  | 428388  | 428198  | 429241  | 0.38   | cps   |
| Terbium    | 159-1 | 8103070 | 7876719 | 7888643 | 7956144 | 1.60   | cps   |
| Terbium    | 159-2 | 2200987 | 2202016 | 2109624 | 2170876 | 2.44   | cps   |
| Thallium   | 203-1 | 808     | 958     | 733     | 833     | 13.75  | cps   |
| Thallium   | 205-1 | 1842    | 1909    | 2117    | 1956    | 7.34   | cps   |
| Tin        | 118-1 | 3842    | 3651    | 3942    | 3812    | 3.89   | cps   |
| Titanium   | 47-1  | 725     | 733     | 750     | 736     | 1.73   | cps   |
| Uranium    | 238-1 | 2417    | 2267    | 1984    | 2223    | 9.90   | cps   |
| Vanadium   | 51-2  | 377     | 377     | 333     | 362     | 6.91   | cps   |
| Yttrium    | 89-1  | 7217376 | 7089808 | 7114476 | 7140553 | 0.95   | cps   |
| Yttrium    | 89-2  | 287901  | 287568  | 276481  | 283984  | 2.29   | cps   |
| Zinc       | 66-2  | 270     | 277     | 300     | 282     | 5.58   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | S01                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S01                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 13:38:32 | DataFile Name :   | 004CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1425 | 1834 | 1909 | 1722    | 15.10  | cps   |
| Zirconium | 91-1 | 383  | 408  | 392  | 394     | 3.23   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB98345             | Operator :        | Jaswal     |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S02                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-10-03 13:42:41 | DataFile Name :   | 005CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 193     | 203     | 200     | 198     | 2.63   | cps   |
| Antimony   | 121-1 | 16461   | 17178   | 16828   | 16822   | 2.13   | cps   |
| Arsenic    | 75-2  | 130     | 122     | 148     | 133     | 10.02  | cps   |
| Barium     | 135-1 | 17571   | 17462   | 17855   | 17629   | 1.15   | cps   |
| Barium     | 137-1 | 30236   | 30486   | 30077   | 30266   | 0.68   | cps   |
| Beryllium  | 9-1   | 1934    | 2178    | 1978    | 2030    | 6.42   | cps   |
| Bismuth    | 209-1 | 4695417 | 5058534 | 5209630 | 4987861 | 5.30   | cps   |
| Bismuth    | 209-2 | 1878922 | 1882781 | 1891923 | 1884542 | 0.35   | cps   |
| Boron      | 10-1  | 5176    | 5059    | 5735    | 5323    | 6.78   | cps   |
| Boron      | 11-1  | 24989   | 25190   | 25307   | 25162   | 0.64   | cps   |
| Cadmium    | 111-1 | 3259    | 3133    | 3042    | 3145    | 3.47   | cps   |
| Cadmium    | 106-1 | 1909    | 1950    | 1842    | 1900    | 2.88   | cps   |
| Cadmium    | 108-1 | 146     | 183     | 175     | 168     | 11.72  | cps   |
| Calcium    | 43-1  | 12156   | 11805   | 11280   | 11747   | 3.75   | cps   |
| Calcium    | 44-1  | 202466  | 197959  | 197124  | 199183  | 1.44   | cps   |
| Chromium   | 52-2  | 2524    | 2547    | 2687    | 2586    | 3.42   | cps   |
| Cobalt     | 59-2  | 2294    | 2187    | 2184    | 2221    | 2.82   | cps   |
| Copper     | 63-2  | 4167    | 4194    | 4297    | 4220    | 1.63   | cps   |
| Dysprosium | 156-1 | 8       | 17      | 17      | 14      | 34.67  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 50      | 50      | 42      | 47      | 10.18  | cps   |
| Erbium     | 164-2 | 7       | 17      | 17      | 13      | 43.29  | cps   |
| Gadolinium | 160-1 | 50      | 42      | 25      | 39      | 32.73  | cps   |
| Gadolinium | 160-2 | 3       | 3       | 17      | 8       | 99.04  | cps   |
| Holmium    | 165-1 | 7312672 | 7534768 | 7643872 | 7497104 | 2.25   | cps   |
| Holmium    | 165-2 | 2240793 | 2256190 | 2271672 | 2256218 | 0.68   | cps   |
| Indium     | 115-1 | 6293311 | 6623705 | 6691362 | 6536126 | 3.26   | cps   |
| Indium     | 115-2 | 379576  | 386961  | 384154  | 383564  | 0.97   | cps   |
| Iron       | 56-2  | 36944   | 37479   | 37362   | 37261   | 0.75   | cps   |
| Iron       | 57-2  | 1039    | 911     | 983     | 978     | 6.55   | cps   |
| Krypton    | 83-1  | 437     | 387     | 360     | 394     | 9.87   | cps   |
| Lead       | 206-1 | 5223    | 5301    | 5385    | 5303    | 1.52   | cps   |
| Lead       | 207-1 | 4873    | 4823    | 4896    | 4864    | 0.76   | cps   |
| Lead       | 208-1 | 21597   | 21981   | 22119   | 21899   | 1.24   | cps   |
| Lithium    | 6-1   | 1605147 | 1667686 | 1667930 | 1646921 | 2.20   | cps   |
| Magnesium  | 24-2  | 19406   | 20248   | 20482   | 20045   | 2.82   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB98345             | Operator :        | Jaswal     |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S02                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-10-03 13:42:41 | DataFile Name :   | 005CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 433     | 357     | 413     | 401     | 9.91   | cps   |
| Molybdenum | 94-1  | 14825   | 15001   | 14592   | 14806   | 1.39   | cps   |
| Molybdenum | 95-1  | 18922   | 18522   | 19373   | 18939   | 2.25   | cps   |
| Molybdenum | 96-1  | 20984   | 20825   | 19857   | 20555   | 2.97   | cps   |
| Molybdenum | 97-1  | 11756   | 11397   | 11897   | 11683   | 2.21   | cps   |
| Molybdenum | 98-1  | 29500   | 29275   | 28514   | 29096   | 1.77   | cps   |
| Neodymium  | 150-1 | 7       | 0       | 20      | 9       | 114.55 | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 997     | 1020    | 1140    | 1052    | 7.31   | cps   |
| Phosphorus | 31-2  | 0       | 25      | 8       | 11      | 114.58 | cps   |
| Potassium  | 39-2  | 13849   | 14758   | 14408   | 14338   | 3.20   | cps   |
| Rhodium    | 103-1 | 6032757 | 6329108 | 6456547 | 6272804 | 3.47   | cps   |
| Rhodium    | 103-2 | 2057227 | 2073679 | 2079580 | 2070162 | 0.56   | cps   |
| Scandium   | 45-1  | 4450604 | 4653521 | 4763152 | 4622426 | 3.43   | cps   |
| Scandium   | 45-2  | 43273   | 42080   | 42030   | 42461   | 1.66   | cps   |
| Selenium   | 77-2  | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Selenium   | 78-2  | 22      | 11      | 30      | 21      | 44.42  | cps   |
| Selenium   | 82-1  | 857     | 819     | 912     | 863     | 5.37   | cps   |
| Silicon    | 28-1  | 380688  | 380630  | 377303  | 379540  | 0.51   | cps   |
| Silver     | 109-1 | 8620    | 9028    | 8920    | 8856    | 2.39   | cps   |
| Silver     | 107-1 | 9420    | 9395    | 9646    | 9487    | 1.45   | cps   |
| Sodium     | 23-2  | 52949   | 53844   | 52297   | 53030   | 1.46   | cps   |
| Strontium  | 86-1  | 2684    | 3151    | 2842    | 2892    | 8.21   | cps   |
| Strontium  | 88-1  | 22043   | 20508   | 20775   | 21109   | 3.89   | cps   |
| Sulfur     | 34-1  | 434181  | 439438  | 437026  | 436881  | 0.60   | cps   |
| Terbium    | 159-1 | 7622870 | 8016707 | 8102878 | 7914152 | 3.23   | cps   |
| Terbium    | 159-2 | 2204964 | 2206127 | 2225287 | 2212126 | 0.52   | cps   |
| Thallium   | 203-1 | 6285    | 6077    | 5985    | 6116    | 2.51   | cps   |
| Thallium   | 205-1 | 14734   | 14834   | 15460   | 15010   | 2.62   | cps   |
| Tin        | 118-1 | 29651   | 29584   | 30151   | 29795   | 1.04   | cps   |
| Titanium   | 47-1  | 5743    | 5668    | 5843    | 5751    | 1.53   | cps   |
| Uranium    | 238-1 | 19884   | 20000   | 18590   | 19491   | 4.02   | cps   |
| Vanadium   | 51-2  | 3711    | 3837    | 3791    | 3779    | 1.70   | cps   |
| Yttrium    | 89-1  | 6875207 | 7182621 | 7233514 | 7097114 | 2.73   | cps   |
| Yttrium    | 89-2  | 282811  | 284570  | 286829  | 284736  | 0.71   | cps   |
| Zinc       | 66-2  | 707     | 593     | 573     | 624     | 11.52  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | S02                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S02                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 13:42:41 | DataFile Name :   | 005CALS.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 90-1 | 12923 | 12873 | 12081 | 12626   | 3.74   | cps   |
| Zirconium | 91-1 | 2559  | 2634  | 2717  | 2636    | 3.00   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB98345             | Operator :        | Jaswal     |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S03                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-10-03 13:46:26 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 8823    | 9158    | 8935    | 8972    | 1.90   | cps   |
| Antimony   | 121-1 | 421636  | 425885  | 423596  | 423706  | 0.50   | cps   |
| Arsenic    | 75-2  | 6429    | 6639    | 6402    | 6490    | 2.00   | cps   |
| Barium     | 135-1 | 448864  | 447695  | 450643  | 449067  | 0.33   | cps   |
| Barium     | 137-1 | 784452  | 783438  | 783454  | 783781  | 0.07   | cps   |
| Beryllium  | 9-1   | 91070   | 89432   | 90376   | 90293   | 0.91   | cps   |
| Bismuth    | 209-1 | 5052660 | 5069973 | 5091108 | 5071247 | 0.38   | cps   |
| Bismuth    | 209-2 | 1890945 | 1687817 | 1804880 | 1794547 | 5.68   | cps   |
| Boron      | 10-1  | 12064   | 11830   | 12372   | 12089   | 2.25   | cps   |
| Boron      | 11-1  | 55634   | 56379   | 56688   | 56233   | 0.96   | cps   |
| Cadmium    | 111-1 | 100032  | 99130   | 99091   | 99417   | 0.54   | cps   |
| Cadmium    | 106-1 | 12682   | 12181   | 12423   | 12429   | 2.01   | cps   |
| Cadmium    | 108-1 | 7344    | 7390    | 7219    | 7317    | 1.21   | cps   |
| Calcium    | 43-1  | 115757  | 117338  | 118429  | 117175  | 1.15   | cps   |
| Calcium    | 44-1  | 1967343 | 1956213 | 1952128 | 1958561 | 0.40   | cps   |
| Chromium   | 52-2  | 52635   | 53204   | 52558   | 52799   | 0.67   | cps   |
| Cobalt     | 59-2  | 111280  | 110733  | 110544  | 110852  | 0.34   | cps   |
| Copper     | 63-2  | 188573  | 187905  | 186517  | 187665  | 0.56   | cps   |
| Dysprosium | 156-1 | 25      | 50      | 25      | 33      | 43.30  | cps   |
| Dysprosium | 156-2 | 3       | 3       | 3       | 3       | 0.00   | cps   |
| Erbium     | 164-1 | 8       | 42      | 17      | 22      | 78.07  | cps   |
| Erbium     | 164-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Gadolinium | 160-1 | 33      | 83      | 83      | 67      | 43.31  | cps   |
| Gadolinium | 160-2 | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Holmium    | 165-1 | 7638684 | 7663443 | 7690496 | 7664208 | 0.34   | cps   |
| Holmium    | 165-2 | 2242078 | 2037781 | 2190305 | 2156721 | 4.92   | cps   |
| Indium     | 115-1 | 6649315 | 6676198 | 6689112 | 6671542 | 0.30   | cps   |
| Indium     | 115-2 | 375387  | 345794  | 370411  | 363864  | 4.35   | cps   |
| Iron       | 56-2  | 1833833 | 1816294 | 1801477 | 1817201 | 0.89   | cps   |
| Iron       | 57-2  | 44778   | 43830   | 44282   | 44297   | 1.07   | cps   |
| Krypton    | 83-1  | 423     | 427     | 363     | 404     | 8.81   | cps   |
| Lead       | 206-1 | 252091  | 253168  | 252793  | 252684  | 0.22   | cps   |
| Lead       | 207-1 | 230159  | 227476  | 232401  | 230012  | 1.07   | cps   |
| Lead       | 208-1 | 1031613 | 1032958 | 1038972 | 1034514 | 0.38   | cps   |
| Lithium    | 6-1   | 1660168 | 1680578 | 1659019 | 1666588 | 0.73   | cps   |
| Magnesium  | 24-2  | 202017  | 206791  | 205226  | 204678  | 1.19   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB98345             | Operator :        | Jaswal     |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S03                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-10-03 13:46:26 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 31943   | 31923   | 31362   | 31743   | 1.04   | cps   |
| Molybdenum | 94-1  | 767534  | 757888  | 761417  | 762280  | 0.64   | cps   |
| Molybdenum | 95-1  | 940913  | 930923  | 939126  | 936987  | 0.57   | cps   |
| Molybdenum | 96-1  | 1033915 | 1038013 | 1039409 | 1037112 | 0.28   | cps   |
| Molybdenum | 97-1  | 572575  | 579590  | 577411  | 576525  | 0.62   | cps   |
| Molybdenum | 98-1  | 1499073 | 1533421 | 1503860 | 1512118 | 1.23   | cps   |
| Neodymium  | 150-1 | 40      | 20      | 33      | 31      | 32.73  | cps   |
| Neodymium  | 150-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 33126   | 32652   | 32922   | 32900   | 0.72   | cps   |
| Phosphorus | 31-2  | 550     | 492     | 642     | 561     | 13.48  | cps   |
| Potassium  | 39-2  | 56255   | 57861   | 57509   | 57209   | 1.48   | cps   |
| Rhodium    | 103-1 | 6346139 | 6371204 | 6394300 | 6370548 | 0.38   | cps   |
| Rhodium    | 103-2 | 2058316 | 1900717 | 2007549 | 1988861 | 4.04   | cps   |
| Scandium   | 45-1  | 4704120 | 4706580 | 4674271 | 4694990 | 0.38   | cps   |
| Scandium   | 45-2  | 41060   | 38082   | 39887   | 39676   | 3.78   | cps   |
| Selenium   | 77-2  | 67      | 43      | 50      | 53      | 22.54  | cps   |
| Selenium   | 78-2  | 198     | 185     | 154     | 179     | 12.77  | cps   |
| Selenium   | 82-1  | 6893    | 6593    | 6910    | 6798    | 2.62   | cps   |
| Silicon    | 28-1  | 578007  | 573970  | 576737  | 576238  | 0.36   | cps   |
| Silver     | 109-1 | 454786  | 453234  | 454989  | 454336  | 0.21   | cps   |
| Silver     | 107-1 | 481329  | 482479  | 478578  | 480795  | 0.42   | cps   |
| Sodium     | 23-2  | 454581  | 457420  | 451287  | 454429  | 0.68   | cps   |
| Strontium  | 86-1  | 124934  | 121427  | 122278  | 122880  | 1.49   | cps   |
| Strontium  | 88-1  | 1059365 | 1064719 | 1065311 | 1063132 | 0.31   | cps   |
| Sulfur     | 34-1  | 475272  | 473213  | 469685  | 472723  | 0.60   | cps   |
| Terbium    | 159-1 | 8067096 | 7993179 | 8114536 | 8058270 | 0.76   | cps   |
| Terbium    | 159-2 | 2199090 | 2026637 | 2136786 | 2120838 | 4.12   | cps   |
| Thallium   | 203-1 | 312305  | 316429  | 314965  | 314566  | 0.66   | cps   |
| Thallium   | 205-1 | 756904  | 764534  | 756478  | 759305  | 0.60   | cps   |
| Tin        | 118-1 | 295011  | 294988  | 294784  | 294928  | 0.04   | cps   |
| Titanium   | 47-1  | 286759  | 286688  | 288396  | 287281  | 0.34   | cps   |
| Uranium    | 238-1 | 969058  | 975626  | 980379  | 975021  | 0.58   | cps   |
| Vanadium   | 51-2  | 38964   | 38109   | 38346   | 38473   | 1.15   | cps   |
| Yttrium    | 89-1  | 7247164 | 7170345 | 7311757 | 7243089 | 0.98   | cps   |
| Yttrium    | 89-2  | 279226  | 258776  | 275152  | 271051  | 3.99   | cps   |
| Zinc       | 66-2  | 19197   | 19153   | 18946   | 19099   | 0.70   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | S03                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S03                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 13:46:26 | DataFile Name :   | 006CALS.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 90-1 | 644009 | 639812 | 641725 | 641849  | 0.33   | cps   |
| Zirconium | 91-1 | 142726 | 142877 | 142919 | 142841  | 0.07   | cps   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB98345             | Operator :        | Jaswal     |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S04                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-10-03 13:50:09 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 21316   | 20971   | 21599   | 21296   | 1.48   | cps   |
| Antimony   | 121-1 | 1076637 | 1077304 | 1070375 | 1074772 | 0.36   | cps   |
| Arsenic    | 75-2  | 15844   | 15852   | 15785   | 15827   | 0.23   | cps   |
| Barium     | 135-1 | 1149235 | 1130128 | 1134932 | 1138098 | 0.87   | cps   |
| Barium     | 137-1 | 2044360 | 2006000 | 2000363 | 2016908 | 1.19   | cps   |
| Beryllium  | 9-1   | 223762  | 222533  | 223638  | 223311  | 0.30   | cps   |
| Bismuth    | 209-1 | 5144334 | 5139331 | 5153088 | 5145585 | 0.14   | cps   |
| Bismuth    | 209-2 | 1812144 | 1901198 | 1780905 | 1831416 | 3.41   | cps   |
| Boron      | 10-1  | 28613   | 28412   | 28972   | 28666   | 0.99   | cps   |
| Boron      | 11-1  | 137888  | 136165  | 139867  | 137973  | 1.34   | cps   |
| Cadmium    | 111-1 | 249481  | 248640  | 247406  | 248509  | 0.42   | cps   |
| Cadmium    | 106-1 | 28514   | 28089   | 28581   | 28395   | 0.94   | cps   |
| Cadmium    | 108-1 | 17887   | 18396   | 17641   | 17975   | 2.14   | cps   |
| Calcium    | 43-1  | 290390  | 288719  | 293680  | 290930  | 0.87   | cps   |
| Calcium    | 44-1  | 4719803 | 4771346 | 4730351 | 4740500 | 0.57   | cps   |
| Chromium   | 52-2  | 125742  | 125741  | 126279  | 125921  | 0.25   | cps   |
| Cobalt     | 59-2  | 268911  | 268682  | 266928  | 268174  | 0.40   | cps   |
| Copper     | 63-2  | 453634  | 453280  | 455913  | 454276  | 0.31   | cps   |
| Dysprosium | 156-1 | 42      | 67      | 33      | 47      | 36.74  | cps   |
| Dysprosium | 156-2 | 0       | 3       | 10      | 4       | 114.60 | cps   |
| Erbium     | 164-1 | 50      | 25      | 33      | 36      | 35.25  | cps   |
| Erbium     | 164-2 | 0       | 13      | 10      | 8       | 89.21  | cps   |
| Gadolinium | 160-1 | 92      | 83      | 92      | 89      | 5.41   | cps   |
| Gadolinium | 160-2 | 7       | 13      | 0       | 7       | 99.98  | cps   |
| Holmium    | 165-1 | 7834943 | 7897984 | 7830174 | 7854367 | 0.48   | cps   |
| Holmium    | 165-2 | 2191502 | 2274793 | 2190369 | 2218888 | 2.18   | cps   |
| Indium     | 115-1 | 6630629 | 6679628 | 6646107 | 6652121 | 0.38   | cps   |
| Indium     | 115-2 | 364218  | 371717  | 358748  | 364894  | 1.78   | cps   |
| Iron       | 56-2  | 4366758 | 4402152 | 4384494 | 4384468 | 0.40   | cps   |
| Iron       | 57-2  | 107881  | 109007  | 108961  | 108616  | 0.59   | cps   |
| Krypton    | 83-1  | 410     | 413     | 360     | 394     | 7.57   | cps   |
| Lead       | 206-1 | 646393  | 648266  | 645509  | 646723  | 0.22   | cps   |
| Lead       | 207-1 | 590865  | 589099  | 588347  | 589437  | 0.22   | cps   |
| Lead       | 208-1 | 2653835 | 2654619 | 2651894 | 2653449 | 0.05   | cps   |
| Lithium    | 6-1   | 1676668 | 1679069 | 1651411 | 1669049 | 0.92   | cps   |
| Magnesium  | 24-2  | 488205  | 488297  | 489649  | 488717  | 0.17   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB98345             | Operator :        | Jaswal     |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S04                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-10-03 13:50:09 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 76032   | 76887   | 76435   | 76451   | 0.56   | cps   |
| Molybdenum | 94-1  | 1933866 | 1949754 | 1974683 | 1952768 | 1.05   | cps   |
| Molybdenum | 95-1  | 2376503 | 2387146 | 2365433 | 2376360 | 0.46   | cps   |
| Molybdenum | 96-1  | 2691668 | 2625455 | 2697263 | 2671462 | 1.50   | cps   |
| Molybdenum | 97-1  | 1501260 | 1465610 | 1473972 | 1480281 | 1.26   | cps   |
| Molybdenum | 98-1  | 3809473 | 3744547 | 3728247 | 3760755 | 1.14   | cps   |
| Neodymium  | 150-1 | 60      | 67      | 67      | 64      | 5.98   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 77873   | 78191   | 78392   | 78152   | 0.34   | cps   |
| Phosphorus | 31-2  | 1684    | 1525    | 1567    | 1592    | 5.16   | cps   |
| Potassium  | 39-2  | 132645  | 132979  | 132350  | 132658  | 0.24   | cps   |
| Rhodium    | 103-1 | 6385784 | 6216740 | 6224096 | 6275540 | 1.52   | cps   |
| Rhodium    | 103-2 | 1986944 | 2044862 | 1951611 | 1994472 | 2.36   | cps   |
| Scandium   | 45-1  | 4596031 | 4662005 | 4615315 | 4624450 | 0.73   | cps   |
| Scandium   | 45-2  | 39840   | 40806   | 38513   | 39720   | 2.90   | cps   |
| Selenium   | 77-2  | 123     | 113     | 127     | 121     | 5.73   | cps   |
| Selenium   | 78-2  | 404     | 396     | 398     | 399     | 0.96   | cps   |
| Selenium   | 82-1  | 16598   | 16913   | 16645   | 16719   | 1.02   | cps   |
| Silicon    | 28-1  | 968610  | 968845  | 973133  | 970196  | 0.26   | cps   |
| Silver     | 109-1 | 1143808 | 1133725 | 1143812 | 1140449 | 0.51   | cps   |
| Silver     | 107-1 | 1196176 | 1197796 | 1196293 | 1196755 | 0.08   | cps   |
| Sodium     | 23-2  | 1096542 | 1111566 | 1089206 | 1099105 | 1.04   | cps   |
| Strontium  | 86-1  | 306370  | 307195  | 303250  | 305605  | 0.68   | cps   |
| Strontium  | 88-1  | 2673126 | 2700773 | 2655163 | 2676354 | 0.86   | cps   |
| Sulfur     | 34-1  | 513154  | 508474  | 511080  | 510903  | 0.46   | cps   |
| Terbium    | 159-1 | 8231123 | 8201154 | 8229697 | 8220658 | 0.21   | cps   |
| Terbium    | 159-2 | 2163311 | 2188618 | 2131692 | 2161207 | 1.32   | cps   |
| Thallium   | 203-1 | 812181  | 816405  | 805067  | 811218  | 0.71   | cps   |
| Thallium   | 205-1 | 1940980 | 1990154 | 1981430 | 1970855 | 1.33   | cps   |
| Tin        | 118-1 | 752777  | 742277  | 739717  | 744924  | 0.93   | cps   |
| Titanium   | 47-1  | 717437  | 715924  | 717120  | 716827  | 0.11   | cps   |
| Uranium    | 238-1 | 2571753 | 2544549 | 2586405 | 2567569 | 0.83   | cps   |
| Vanadium   | 51-2  | 93828   | 93019   | 92919   | 93255   | 0.53   | cps   |
| Yttrium    | 89-1  | 7154584 | 7276731 | 7239778 | 7223698 | 0.87   | cps   |
| Yttrium    | 89-2  | 273518  | 282850  | 269945  | 275438  | 2.42   | cps   |
| Zinc       | 66-2  | 45605   | 45207   | 44916   | 45243   | 0.76   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | S04                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S04                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 13:50:09 | DataFile Name :   | 007CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 1625851 | 1649719 | 1661983 | 1645851 | 1.12   | cps   |
| Zirconium | 91-1 | 361365  | 358772  | 355980  | 358706  | 0.75   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB98345             | Operator :        | Jaswal     |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S05                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-10-03 13:53:44 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 40876   | 40849   | 41902   | 41209   | 1.46   | cps   |
| Antimony   | 121-1 | 2208677 | 2183333 | 2197722 | 2196577 | 0.58   | cps   |
| Arsenic    | 75-2  | 30498   | 30398   | 30417   | 30438   | 0.18   | cps   |
| Barium     | 135-1 | 2326239 | 2331452 | 2306328 | 2321340 | 0.57   | cps   |
| Barium     | 137-1 | 4079625 | 4043887 | 4089450 | 4070987 | 0.59   | cps   |
| Beryllium  | 9-1   | 440845  | 438787  | 437911  | 439181  | 0.34   | cps   |
| Bismuth    | 209-1 | 5143864 | 4794549 | 5161636 | 5033350 | 4.11   | cps   |
| Bismuth    | 209-2 | 1805624 | 1809865 | 1847631 | 1821040 | 1.27   | cps   |
| Boron      | 10-1  | 55233   | 54730   | 56328   | 55430   | 1.47   | cps   |
| Boron      | 11-1  | 269221  | 267248  | 267218  | 267896  | 0.43   | cps   |
| Cadmium    | 111-1 | 493850  | 495961  | 497654  | 495822  | 0.38   | cps   |
| Cadmium    | 106-1 | 56286   | 54419   | 56411   | 55705   | 2.00   | cps   |
| Cadmium    | 108-1 | 35777   | 36546   | 36249   | 36190   | 1.07   | cps   |
| Calcium    | 43-1  | 574877  | 568975  | 569625  | 571159  | 0.57   | cps   |
| Calcium    | 44-1  | 9344526 | 9300450 | 9308990 | 9317989 | 0.25   | cps   |
| Chromium   | 52-2  | 242663  | 242039  | 241849  | 242183  | 0.18   | cps   |
| Cobalt     | 59-2  | 516955  | 513800  | 513429  | 514728  | 0.38   | cps   |
| Copper     | 63-2  | 879775  | 876687  | 877704  | 878055  | 0.18   | cps   |
| Dysprosium | 156-1 | 58      | 33      | 42      | 44      | 28.65  | cps   |
| Dysprosium | 156-2 | 0       | 3       | 7       | 3       | 100.05 | cps   |
| Erbium     | 164-1 | 42      | 33      | 17      | 31      | 41.66  | cps   |
| Erbium     | 164-2 | 3       | 0       | 10      | 4       | 114.60 | cps   |
| Gadolinium | 160-1 | 67      | 75      | 75      | 72      | 6.66   | cps   |
| Gadolinium | 160-2 | 0       | 7       | 3       | 3       | 100.05 | cps   |
| Holmium    | 165-1 | 7859778 | 7291131 | 7843835 | 7664915 | 4.22   | cps   |
| Holmium    | 165-2 | 2207551 | 2238128 | 2207050 | 2217576 | 0.80   | cps   |
| Indium     | 115-1 | 6504688 | 6099955 | 6577648 | 6394097 | 4.02   | cps   |
| Indium     | 115-2 | 358758  | 355987  | 358863  | 357869  | 0.46   | cps   |
| Iron       | 56-2  | 8432836 | 8371169 | 8339204 | 8381070 | 0.57   | cps   |
| Iron       | 57-2  | 209271  | 208496  | 208170  | 208646  | 0.27   | cps   |
| Krypton    | 83-1  | 387     | 400     | 420     | 402     | 4.17   | cps   |
| Lead       | 206-1 | 1318621 | 1341573 | 1319142 | 1326445 | 0.99   | cps   |
| Lead       | 207-1 | 1199886 | 1213464 | 1196223 | 1203191 | 0.75   | cps   |
| Lead       | 208-1 | 5444047 | 5514079 | 5459239 | 5472455 | 0.67   | cps   |
| Lithium    | 6-1   | 1661927 | 1536689 | 1646179 | 1614932 | 4.22   | cps   |
| Magnesium  | 24-2  | 945285  | 934986  | 936310  | 938860  | 0.60   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB98345             | Operator :        | Jaswal     |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S05                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-10-03 13:53:44 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 146714  | 145602  | 147128  | 146481  | 0.54   | cps   |
| Molybdenum | 94-1  | 3865376 | 3879299 | 3854118 | 3866264 | 0.33   | cps   |
| Molybdenum | 95-1  | 4718698 | 4703073 | 4731662 | 4717811 | 0.30   | cps   |
| Molybdenum | 96-1  | 5309722 | 5283564 | 5293448 | 5295578 | 0.25   | cps   |
| Molybdenum | 97-1  | 2993047 | 3025159 | 2966812 | 2995006 | 0.98   | cps   |
| Molybdenum | 98-1  | 7539615 | 7577537 | 7520408 | 7545853 | 0.39   | cps   |
| Neodymium  | 150-1 | 73      | 120     | 120     | 104     | 25.79  | cps   |
| Neodymium  | 150-2 | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Nickel     | 60-2  | 151099  | 149829  | 149499  | 150142  | 0.56   | cps   |
| Phosphorus | 31-2  | 2759    | 2767    | 3059    | 2862    | 5.97   | cps   |
| Potassium  | 39-2  | 250336  | 252308  | 247913  | 250186  | 0.88   | cps   |
| Rhodium    | 103-1 | 6172550 | 5806719 | 6213436 | 6064235 | 3.69   | cps   |
| Rhodium    | 103-2 | 1987286 | 1978922 | 1960144 | 1975450 | 0.70   | cps   |
| Scandium   | 45-1  | 4488389 | 4179379 | 4570083 | 4412617 | 4.67   | cps   |
| Scandium   | 45-2  | 39218   | 38977   | 39482   | 39226   | 0.64   | cps   |
| Selenium   | 77-2  | 227     | 173     | 283     | 228     | 24.15  | cps   |
| Selenium   | 78-2  | 800     | 759     | 743     | 767     | 3.85   | cps   |
| Selenium   | 82-1  | 33256   | 33220   | 32545   | 33007   | 1.21   | cps   |
| Silicon    | 28-1  | 1514550 | 1485566 | 1487984 | 1496033 | 1.07   | cps   |
| Silver     | 109-1 | 2328743 | 2328843 | 2329861 | 2329149 | 0.03   | cps   |
| Silver     | 107-1 | 2463169 | 2484186 | 2466126 | 2471160 | 0.46   | cps   |
| Sodium     | 23-2  | 2096752 | 2096343 | 2070487 | 2087861 | 0.72   | cps   |
| Strontium  | 86-1  | 609563  | 609355  | 609333  | 609417  | 0.02   | cps   |
| Strontium  | 88-1  | 5271029 | 5271583 | 5259805 | 5267472 | 0.13   | cps   |
| Sulfur     | 34-1  | 583811  | 579738  | 580437  | 581329  | 0.37   | cps   |
| Terbium    | 159-1 | 8143600 | 7625212 | 8319871 | 8029561 | 4.50   | cps   |
| Terbium    | 159-2 | 2160041 | 2154909 | 2151472 | 2155474 | 0.20   | cps   |
| Thallium   | 203-1 | 1636364 | 1676109 | 1663499 | 1658657 | 1.22   | cps   |
| Thallium   | 205-1 | 3955508 | 4031054 | 3965000 | 3983854 | 1.03   | cps   |
| Tin        | 118-1 | 1502214 | 1500113 | 1495859 | 1499395 | 0.22   | cps   |
| Titanium   | 47-1  | 1428203 | 1429833 | 1411098 | 1423045 | 0.73   | cps   |
| Uranium    | 238-1 | 5234588 | 5197335 | 5246660 | 5226194 | 0.49   | cps   |
| Vanadium   | 51-2  | 179379  | 179524  | 180574  | 179825  | 0.36   | cps   |
| Yttrium    | 89-1  | 7104136 | 6649135 | 7187403 | 6980225 | 4.15   | cps   |
| Yttrium    | 89-2  | 269431  | 267382  | 269707  | 268840  | 0.47   | cps   |
| Zinc       | 66-2  | 87141   | 86534   | 87936   | 87204   | 0.81   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | S05                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S05                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 13:53:44 | DataFile Name :   | 008CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 3282086 | 3294385 | 3286364 | 3287612 | 0.19   | cps   |
| Zirconium | 91-1 | 726598  | 728135  | 722638  | 725790  | 0.39   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB98345             | Operator :        | Jaswal     |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S06                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-10-03 13:57:15 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 80153    | 79673    | 80651    | 80159    | 0.61   | cps   |
| Antimony   | 121-1 | 4380118  | 4375332  | 4406388  | 4387280  | 0.38   | cps   |
| Arsenic    | 75-2  | 60201    | 59265    | 59797    | 59754    | 0.79   | cps   |
| Barium     | 135-1 | 4658872  | 4594948  | 4630833  | 4628218  | 0.69   | cps   |
| Barium     | 137-1 | 8121449  | 8022542  | 8069947  | 8071312  | 0.61   | cps   |
| Beryllium  | 9-1   | 857617   | 850251   | 859567   | 855812   | 0.57   | cps   |
| Bismuth    | 209-1 | 5149359  | 5412667  | 5403270  | 5321766  | 2.81   | cps   |
| Bismuth    | 209-2 | 1779148  | 1860178  | 1818005  | 1819111  | 2.23   | cps   |
| Boron      | 10-1  | 107610   | 109936   | 112185   | 109911   | 2.08   | cps   |
| Boron      | 11-1  | 521274   | 527694   | 530260   | 526409   | 0.88   | cps   |
| Cadmium    | 111-1 | 997369   | 989757   | 988499   | 991875   | 0.48   | cps   |
| Cadmium    | 106-1 | 108947   | 107889   | 105838   | 107558   | 1.47   | cps   |
| Cadmium    | 108-1 | 71539    | 72146    | 72008    | 71898    | 0.44   | cps   |
| Calcium    | 43-1  | 1154843  | 1132218  | 1148121  | 1145060  | 1.01   | cps   |
| Calcium    | 44-1  | 18582360 | 18312616 | 18533053 | 18476010 | 0.78   | cps   |
| Chromium   | 52-2  | 473821   | 470796   | 472529   | 472382   | 0.32   | cps   |
| Cobalt     | 59-2  | 1001720  | 1002368  | 1013666  | 1005918  | 0.67   | cps   |
| Copper     | 63-2  | 1735931  | 1737183  | 1724601  | 1732572  | 0.40   | cps   |
| Dysprosium | 156-1 | 42       | 100      | 83       | 75       | 40.06  | cps   |
| Dysprosium | 156-2 | 7        | 10       | 0        | 6        | 91.64  | cps   |
| Erbium     | 164-1 | 17       | 50       | 58       | 42       | 52.91  | cps   |
| Erbium     | 164-2 | 3        | 17       | 3        | 8        | 99.04  | cps   |
| Gadolinium | 160-1 | 92       | 58       | 75       | 75       | 22.22  | cps   |
| Gadolinium | 160-2 | 20       | 20       | 13       | 18       | 21.66  | cps   |
| Holmium    | 165-1 | 7834006  | 8219527  | 8164119  | 8072551  | 2.58   | cps   |
| Holmium    | 165-2 | 2208086  | 2266429  | 2221401  | 2231972  | 1.37   | cps   |
| Indium     | 115-1 | 6526254  | 6766894  | 6671408  | 6654852  | 1.82   | cps   |
| Indium     | 115-2 | 349336   | 356157   | 352095   | 352529   | 0.97   | cps   |
| Iron       | 56-2  | 16401748 | 16283251 | 16409849 | 16364949 | 0.43   | cps   |
| Iron       | 57-2  | 407818   | 410476   | 412039   | 410111   | 0.52   | cps   |
| Krypton    | 83-1  | 370      | 320      | 470      | 387      | 19.75  | cps   |
| Lead       | 206-1 | 2724713  | 2715017  | 2681400  | 2707043  | 0.84   | cps   |
| Lead       | 207-1 | 2467108  | 2503417  | 2496290  | 2488938  | 0.77   | cps   |
| Lead       | 208-1 | 11103001 | 11153389 | 11114132 | 11123508 | 0.24   | cps   |
| Lithium    | 6-1   | 1634693  | 1695479  | 1682831  | 1671001  | 1.92   | cps   |
| Magnesium  | 24-2  | 1860778  | 1857373  | 1857665  | 1858605  | 0.10   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB98345             | Operator :        | Jaswal     |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S06                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-10-03 13:57:15 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 286865   | 285047   | 287474   | 286462   | 0.44   | cps   |
| Molybdenum | 94-1  | 7684486  | 7664297  | 7634685  | 7661156  | 0.33   | cps   |
| Molybdenum | 95-1  | 9364303  | 9351843  | 9333674  | 9349940  | 0.16   | cps   |
| Molybdenum | 96-1  | 10595416 | 10503899 | 10428341 | 10509219 | 0.80   | cps   |
| Molybdenum | 97-1  | 5919499  | 5871433  | 5888989  | 5893307  | 0.41   | cps   |
| Molybdenum | 98-1  | 15163676 | 14979081 | 15083688 | 15075482 | 0.61   | cps   |
| Neodymium  | 150-1 | 147      | 213      | 180      | 180      | 18.52  | cps   |
| Neodymium  | 150-2 | 10       | 10       | 0        | 7        | 86.60  | cps   |
| Nickel     | 60-2  | 292133   | 291682   | 293311   | 292375   | 0.29   | cps   |
| Phosphorus | 31-2  | 5201     | 5326     | 5868     | 5465     | 6.49   | cps   |
| Potassium  | 39-2  | 481222   | 479380   | 485712   | 482105   | 0.68   | cps   |
| Rhodium    | 103-1 | 6184052  | 6330482  | 6361016  | 6291850  | 1.50   | cps   |
| Rhodium    | 103-2 | 1942613  | 1967285  | 1939686  | 1949861  | 0.78   | cps   |
| Scandium   | 45-1  | 4459745  | 4635029  | 4689267  | 4594680  | 2.61   | cps   |
| Scandium   | 45-2  | 38794    | 39078    | 38747    | 38873    | 0.46   | cps   |
| Selenium   | 77-2  | 433      | 407      | 497      | 446      | 10.38  | cps   |
| Selenium   | 78-2  | 1639     | 1543     | 1435     | 1539     | 6.62   | cps   |
| Selenium   | 82-1  | 65115    | 64855    | 64809    | 64926    | 0.25   | cps   |
| Silicon    | 28-1  | 2565505  | 2575560  | 2552338  | 2564468  | 0.45   | cps   |
| Silver     | 109-1 | 4598688  | 4592806  | 4574629  | 4588708  | 0.27   | cps   |
| Silver     | 107-1 | 4826345  | 4867344  | 4871479  | 4855056  | 0.51   | cps   |
| Sodium     | 23-2  | 3997388  | 4005996  | 3962849  | 3988744  | 0.57   | cps   |
| Strontium  | 86-1  | 1221086  | 1225425  | 1223246  | 1223252  | 0.18   | cps   |
| Strontium  | 88-1  | 10407431 | 10502999 | 10501705 | 10470712 | 0.52   | cps   |
| Sulfur     | 34-1  | 740305   | 734576   | 739690   | 738190   | 0.43   | cps   |
| Terbium    | 159-1 | 8357420  | 8618136  | 8601060  | 8525539  | 1.71   | cps   |
| Terbium    | 159-2 | 2162035  | 2193059  | 2171505  | 2175533  | 0.73   | cps   |
| Thallium   | 203-1 | 3375010  | 3380197  | 3397008  | 3384071  | 0.34   | cps   |
| Thallium   | 205-1 | 7948251  | 7968119  | 7929526  | 7948632  | 0.24   | cps   |
| Tin        | 118-1 | 3048957  | 3013890  | 3044027  | 3035625  | 0.63   | cps   |
| Titanium   | 47-1  | 2838405  | 2803457  | 2803682  | 2815181  | 0.71   | cps   |
| Uranium    | 238-1 | 10588501 | 10575129 | 10578212 | 10580614 | 0.07   | cps   |
| Vanadium   | 51-2  | 352945   | 353222   | 351532   | 352566   | 0.26   | cps   |
| Yttrium    | 89-1  | 7121339  | 7397802  | 7343830  | 7287657  | 2.01   | cps   |
| Yttrium    | 89-2  | 264006   | 266730   | 265719   | 265485   | 0.52   | cps   |
| Zinc       | 66-2  | 171039   | 172086   | 171475   | 171533   | 0.31   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | S06                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S06                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 13:57:15 | DataFile Name :   | 009CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 6450663 | 6545988 | 6451802 | 6482818 | 0.84   | cps   |
| Zirconium | 91-1 | 1482335 | 1501254 | 1460676 | 1481421 | 1.37   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB98345             | Operator :        | Jaswal     |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S07                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-10-03 14:00:42 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 156367   | 156016   | 155508   | 155963   | 0.28   | cps   |
| Antimony   | 121-1 | 8620101  | 8664958  | 8610350  | 8631803  | 0.34   | cps   |
| Arsenic    | 75-2  | 115603   | 116234   | 116385   | 116074   | 0.36   | cps   |
| Barium     | 135-1 | 9211124  | 9102488  | 9030845  | 9114819  | 1.00   | cps   |
| Barium     | 137-1 | 16278488 | 16006755 | 16004312 | 16096518 | 0.98   | cps   |
| Beryllium  | 9-1   | 1674556  | 1685263  | 1669923  | 1676580  | 0.47   | cps   |
| Bismuth    | 209-1 | 5364352  | 5183505  | 5326455  | 5291437  | 1.80   | cps   |
| Bismuth    | 209-2 | 1743667  | 1680707  | 1776344  | 1733573  | 2.80   | cps   |
| Boron      | 10-1  | 212913   | 215527   | 214158   | 214199   | 0.61   | cps   |
| Boron      | 11-1  | 1029978  | 1038576  | 1047601  | 1038718  | 0.85   | cps   |
| Cadmium    | 111-1 | 1985341  | 1975619  | 1968946  | 1976636  | 0.42   | cps   |
| Cadmium    | 106-1 | 208175   | 210390   | 209132   | 209232   | 0.53   | cps   |
| Cadmium    | 108-1 | 140877   | 139992   | 141900   | 140923   | 0.68   | cps   |
| Calcium    | 43-1  | 2283257  | 2289349  | 2270327  | 2280978  | 0.43   | cps   |
| Calcium    | 44-1  | 36694058 | 36791416 | 36314913 | 36600129 | 0.69   | cps   |
| Chromium   | 52-2  | 924498   | 928112   | 924402   | 925671   | 0.23   | cps   |
| Cobalt     | 59-2  | 1969528  | 1979924  | 1996730  | 1982061  | 0.69   | cps   |
| Copper     | 63-2  | 3334607  | 3305700  | 3308578  | 3316295  | 0.48   | cps   |
| Dysprosium | 156-1 | 117      | 125      | 125      | 122      | 3.94   | cps   |
| Dysprosium | 156-2 | 20       | 17       | 0        | 12       | 87.67  | cps   |
| Erbium     | 164-1 | 50       | 50       | 17       | 39       | 49.48  | cps   |
| Erbium     | 164-2 | 3        | 13       | 17       | 11       | 62.48  | cps   |
| Gadolinium | 160-1 | 100      | 67       | 75       | 81       | 21.54  | cps   |
| Gadolinium | 160-2 | 23       | 13       | 23       | 20       | 28.87  | cps   |
| Holmium    | 165-1 | 8198557  | 8021955  | 8217202  | 8145905  | 1.32   | cps   |
| Holmium    | 165-2 | 2186710  | 2098967  | 2203020  | 2162899  | 2.59   | cps   |
| Indium     | 115-1 | 6551015  | 6366199  | 6605172  | 6507462  | 1.93   | cps   |
| Indium     | 115-2 | 336143   | 320615   | 336234   | 330997   | 2.72   | cps   |
| Iron       | 56-2  | 31890217 | 31897230 | 31772740 | 31853395 | 0.22   | cps   |
| Iron       | 57-2  | 799796   | 801536   | 803768   | 801700   | 0.25   | cps   |
| Krypton    | 83-1  | 397      | 397      | 400      | 398      | 0.48   | cps   |
| Lead       | 206-1 | 5349196  | 5383657  | 5326064  | 5352972  | 0.54   | cps   |
| Lead       | 207-1 | 4932235  | 4949126  | 4950765  | 4944042  | 0.21   | cps   |
| Lead       | 208-1 | 21886489 | 22047436 | 21982817 | 21972247 | 0.37   | cps   |
| Lithium    | 6-1   | 1594272  | 1574395  | 1617667  | 1595444  | 1.36   | cps   |
| Magnesium  | 24-2  | 3580025  | 3566665  | 3540594  | 3562428  | 0.56   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB98345             | Operator :        | Jaswal     |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S07                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-10-03 14:00:42 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 559589   | 556379   | 557811   | 557926   | 0.29   | cps   |
| Molybdenum | 94-1  | 15196766 | 15320002 | 15214598 | 15243789 | 0.44   | cps   |
| Molybdenum | 95-1  | 18582468 | 18922820 | 18765836 | 18757041 | 0.91   | cps   |
| Molybdenum | 96-1  | 20953040 | 21073531 | 20978617 | 21001729 | 0.30   | cps   |
| Molybdenum | 97-1  | 11731278 | 11774605 | 11689866 | 11731916 | 0.36   | cps   |
| Molybdenum | 98-1  | 30289401 | 30214253 | 29814944 | 30106199 | 0.85   | cps   |
| Neodymium  | 150-1 | 407      | 373      | 460      | 413      | 10.58  | cps   |
| Neodymium  | 150-2 | 3        | 10       | 17       | 10       | 66.70  | cps   |
| Nickel     | 60-2  | 562161   | 564259   | 567510   | 564644   | 0.48   | cps   |
| Phosphorus | 31-2  | 10396    | 10396    | 10554    | 10449    | 0.88   | cps   |
| Potassium  | 39-2  | 940215   | 933447   | 937150   | 936937   | 0.36   | cps   |
| Rhodium    | 103-1 | 6157078  | 6064297  | 6236593  | 6152656  | 1.40   | cps   |
| Rhodium    | 103-2 | 1903249  | 1817642  | 1903572  | 1874821  | 2.64   | cps   |
| Scandium   | 45-1  | 4585829  | 4373846  | 4574927  | 4511534  | 2.65   | cps   |
| Scandium   | 45-2  | 38095    | 36608    | 37139    | 37281    | 2.02   | cps   |
| Selenium   | 77-2  | 853      | 807      | 877      | 846      | 4.21   | cps   |
| Selenium   | 78-2  | 2861     | 2887     | 2850     | 2866     | 0.66   | cps   |
| Selenium   | 82-1  | 128883   | 127327   | 126600   | 127603   | 0.91   | cps   |
| Silicon    | 28-1  | 4533406  | 4514449  | 4500611  | 4516156  | 0.36   | cps   |
| Silver     | 109-1 | 8948999  | 8983713  | 8877246  | 8936653  | 0.61   | cps   |
| Silver     | 107-1 | 9573388  | 9416531  | 9339204  | 9443041  | 1.26   | cps   |
| Sodium     | 23-2  | 7729844  | 7791412  | 7743002  | 7754752  | 0.42   | cps   |
| Strontium  | 86-1  | 2472738  | 2471785  | 2431893  | 2458805  | 0.95   | cps   |
| Strontium  | 88-1  | 20819981 | 20775685 | 20703929 | 20766532 | 0.28   | cps   |
| Sulfur     | 34-1  | 913044   | 918313   | 907938   | 913098   | 0.57   | cps   |
| Terbium    | 159-1 | 8535191  | 8402720  | 8620351  | 8519421  | 1.29   | cps   |
| Terbium    | 159-2 | 2127113  | 2028375  | 2158555  | 2104681  | 3.23   | cps   |
| Thallium   | 203-1 | 6628092  | 6716669  | 6681998  | 6675586  | 0.67   | cps   |
| Thallium   | 205-1 | 15818115 | 15973078 | 15835755 | 15875650 | 0.53   | cps   |
| Tin        | 118-1 | 5940586  | 5962251  | 5961441  | 5954759  | 0.21   | cps   |
| Titanium   | 47-1  | 5475260  | 5561704  | 5415627  | 5484197  | 1.34   | cps   |
| Uranium    | 238-1 | 21016926 | 21385725 | 21182622 | 21195091 | 0.87   | cps   |
| Vanadium   | 51-2  | 691770   | 691028   | 690200   | 690999   | 0.11   | cps   |
| Yttrium    | 89-1  | 7264571  | 7128871  | 7247571  | 7213671  | 1.02   | cps   |
| Yttrium    | 89-2  | 261101   | 250219   | 262022   | 257781   | 2.55   | cps   |
| Zinc       | 66-2  | 327917   | 328282   | 327907   | 328035   | 0.07   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | S07                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S07                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 14:00:42 | DataFile Name :   | 010CALS.d |

| Parameter | Mass | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|------|----------|----------|----------|----------|--------|-------|
| Zirconium | 90-1 | 12905240 | 12955631 | 12849060 | 12903310 | 0.41   | cps   |
| Zirconium | 91-1 | 2910029  | 2894361  | 2932654  | 2912348  | 0.66   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB98345             | Operator :        | Jaswal     |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S08                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-10-03 14:04:02 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 807309    | 802094    | 809234    | 806212    | 0.46   | cps   |
| Antimony   | 121-1 | 22979     | 23338     | 22303     | 22873     | 2.30   | cps   |
| Arsenic    | 75-2  | 217       | 181       | 185       | 194       | 9.94   | cps   |
| Barium     | 135-1 | 2900      | 2767      | 2934      | 2867      | 3.08   | cps   |
| Barium     | 137-1 | 4559      | 4543      | 4326      | 4476      | 2.91   | cps   |
| Beryllium  | 9-1   | 1056      | 1089      | 1033      | 1059      | 2.64   | cps   |
| Bismuth    | 209-1 | 4788961   | 4789432   | 4781607   | 4786667   | 0.09   | cps   |
| Bismuth    | 209-2 | 1595948   | 1609198   | 1620586   | 1608577   | 0.77   | cps   |
| Boron      | 10-1  | 5218      | 4718      | 4493      | 4809      | 7.72   | cps   |
| Boron      | 11-1  | 25799     | 24071     | 21918     | 23929     | 8.13   | cps   |
| Cadmium    | 111-1 | 1446      | 1561      | 1380      | 1462      | 6.28   | cps   |
| Cadmium    | 106-1 | 1700      | 1775      | 1617      | 1697      | 4.67   | cps   |
| Cadmium    | 108-1 | 46        | 33        | 63        | 47        | 30.99  | cps   |
| Calcium    | 43-1  | 11107429  | 11032504  | 10982576  | 11040836  | 0.57   | cps   |
| Calcium    | 44-1  | 179998992 | 180701150 | 179010037 | 179903393 | 0.47   | cps   |
| Chromium   | 52-2  | 42555     | 42929     | 42478     | 42654     | 0.57   | cps   |
| Cobalt     | 59-2  | 25250     | 24328     | 24148     | 24575     | 2.41   | cps   |
| Copper     | 63-2  | 7365      | 7576      | 7262      | 7401      | 2.16   | cps   |
| Dysprosium | 156-1 | 117       | 142       | 150       | 136       | 12.75  | cps   |
| Dysprosium | 156-2 | 7         | 23        | 3         | 11        | 96.43  | cps   |
| Erbium     | 164-1 | 42        | 33        | 58        | 44        | 28.65  | cps   |
| Erbium     | 164-2 | 3         | 13        | 13        | 10        | 57.75  | cps   |
| Gadolinium | 160-1 | 67        | 150       | 100       | 106       | 39.74  | cps   |
| Gadolinium | 160-2 | 23        | 23        | 7         | 18        | 54.11  | cps   |
| Holmium    | 165-1 | 7786435   | 7769868   | 7773560   | 7776621   | 0.11   | cps   |
| Holmium    | 165-2 | 2166167   | 2135019   | 2161731   | 2154306   | 0.78   | cps   |
| Indium     | 115-1 | 6317584   | 6217226   | 6206924   | 6247245   | 0.98   | cps   |
| Indium     | 115-2 | 336532    | 338637    | 337726    | 337632    | 0.31   | cps   |
| Iron       | 56-2  | 157197715 | 157536854 | 156327103 | 157020557 | 0.40   | cps   |
| Iron       | 57-2  | 3974563   | 3938387   | 3955380   | 3956110   | 0.46   | cps   |
| Krypton    | 83-1  | 440       | 347       | 350       | 379       | 13.98  | cps   |
| Lead       | 206-1 | 5707      | 5368      | 5229      | 5435      | 4.52   | cps   |
| Lead       | 207-1 | 4879      | 4501      | 4445      | 4608      | 5.12   | cps   |
| Lead       | 208-1 | 21780     | 21135     | 20919     | 21278     | 2.11   | cps   |
| Lithium    | 6-1   | 1490644   | 1527714   | 1555802   | 1524720   | 2.14   | cps   |
| Magnesium  | 24-2  | 17494804  | 17518846  | 17688218  | 17567289  | 0.60   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB98345             | Operator :        | Jaswal     |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P8         |
| Client Sample ID :      | S08                 | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-10-03 14:04:02 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 3274     | 3230     | 3477     | 3327     | 3.96   | cps   |
| Molybdenum | 94-1  | 18588    | 18255    | 16970    | 17938    | 4.76   | cps   |
| Molybdenum | 95-1  | 28673    | 28589    | 28322    | 28528    | 0.64   | cps   |
| Molybdenum | 96-1  | 33350    | 31028    | 32765    | 32381    | 3.73   | cps   |
| Molybdenum | 97-1  | 19089    | 17979    | 17862    | 18310    | 3.70   | cps   |
| Molybdenum | 98-1  | 46606    | 45051    | 44357    | 45338    | 2.54   | cps   |
| Neodymium  | 150-1 | 100      | 60       | 120      | 93       | 32.74  | cps   |
| Neodymium  | 150-2 | 17       | 13       | 10       | 13       | 25.01  | cps   |
| Nickel     | 60-2  | 20635    | 20185    | 20689    | 20503    | 1.35   | cps   |
| Phosphorus | 31-2  | 0        | 33       | 8        | 14       | 124.91 | cps   |
| Potassium  | 39-2  | 4772535  | 4759879  | 4771569  | 4767994  | 0.15   | cps   |
| Rhodium    | 103-1 | 5724639  | 5719601  | 5678674  | 5707638  | 0.44   | cps   |
| Rhodium    | 103-2 | 1769835  | 1816902  | 1800863  | 1795866  | 1.33   | cps   |
| Scandium   | 45-1  | 4391724  | 4407773  | 4351142  | 4383546  | 0.67   | cps   |
| Scandium   | 45-2  | 37473    | 37534    | 38058    | 37688    | 0.85   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 6        | 4        | 2        | 4        | 50.09  | cps   |
| Selenium   | 82-1  | 345      | 340      | 383      | 356      | 6.64   | cps   |
| Silicon    | 28-1  | 457829   | 467673   | 474715   | 466739   | 1.82   | cps   |
| Silver     | 109-1 | 1242     | 992      | 983      | 1072     | 13.69  | cps   |
| Silver     | 107-1 | 1150     | 1000     | 1067     | 1072     | 7.01   | cps   |
| Sodium     | 23-2  | 39084678 | 38913436 | 39233484 | 39077199 | 0.41   | cps   |
| Strontium  | 86-1  | 10955    | 10463    | 10738    | 10719    | 2.30   | cps   |
| Strontium  | 88-1  | 92933    | 91926    | 90819    | 91893    | 1.15   | cps   |
| Sulfur     | 34-1  | 376705   | 379248   | 377522   | 377825   | 0.34   | cps   |
| Terbium    | 159-1 | 8121062  | 8090678  | 8074165  | 8095302  | 0.29   | cps   |
| Terbium    | 159-2 | 2101488  | 2099483  | 2085527  | 2095499  | 0.41   | cps   |
| Thallium   | 203-1 | 3376     | 3476     | 3192     | 3348     | 4.29   | cps   |
| Thallium   | 205-1 | 8036     | 7703     | 6761     | 7500     | 8.82   | cps   |
| Tin        | 118-1 | 8261     | 7778     | 7895     | 7978     | 3.16   | cps   |
| Titanium   | 47-1  | 1158     | 1192     | 1275     | 1208     | 4.97   | cps   |
| Uranium    | 238-1 | 3726     | 3517     | 3317     | 3520     | 5.80   | cps   |
| Vanadium   | 51-2  | 407      | 367      | 413      | 396      | 6.38   | cps   |
| Yttrium    | 89-1  | 6935637  | 6951436  | 6897803  | 6928292  | 0.40   | cps   |
| Yttrium    | 89-2  | 259784   | 261483   | 261430   | 260899   | 0.37   | cps   |
| Zinc       | 66-2  | 2107     | 2137     | 2180     | 2141     | 1.72   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | S08                 | Instrumnet Name : | P8        |
| Client Sample ID :      | S08                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 14:04:02 | DataFile Name :   | 011CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 3409 | 3509 | 3509 | 3476    | 1.66   | cps   |
| Zirconium | 91-1 | 950  | 792  | 675  | 806     | 17.13  | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB98345             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P8       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-10-03 14:19:25 | DataFile Name :   | 012ICV.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 4599    | 4639    | 4614    | 4618    | 0.44   | cps   |
| Antimony   | 121-1 | 1642780 | 1678372 | 1679121 | 1666758 | 1.25   | cps   |
| Arsenic    | 75-2  | 24377   | 24407   | 24409   | 24398   | 0.07   | cps   |
| Barium     | 135-1 | 173894  | 177365  | 176526  | 175928  | 1.03   | cps   |
| Barium     | 137-1 | 305995  | 307730  | 308378  | 307368  | 0.40   | cps   |
| Beryllium  | 9-1   | 173145  | 171856  | 174230  | 173077  | 0.69   | cps   |
| Bismuth    | 209-1 | 5284966 | 5018388 | 5318595 | 5207316 | 3.16   | cps   |
| Bismuth    | 209-2 | 1881099 | 1833387 | 1888825 | 1867771 | 1.61   | cps   |
| Boron      | 10-1  | 1058    | 1000    | 1100    | 1053    | 4.77   | cps   |
| Boron      | 11-1  | 5360    | 4976    | 5376    | 5237    | 4.32   | cps   |
| Cadmium    | 111-1 | 191412  | 193887  | 193664  | 192988  | 0.71   | cps   |
| Cadmium    | 106-1 | 19056   | 18856   | 18614   | 18842   | 1.18   | cps   |
| Cadmium    | 108-1 | 12143   | 11751   | 12014   | 11969   | 1.67   | cps   |
| Calcium    | 43-1  | 45048   | 46177   | 45115   | 45447   | 1.39   | cps   |
| Calcium    | 44-1  | 751232  | 752295  | 749645  | 751057  | 0.18   | cps   |
| Chromium   | 52-2  | 96960   | 96684   | 96429   | 96691   | 0.27   | cps   |
| Cobalt     | 59-2  | 211888  | 211719  | 211140  | 211582  | 0.19   | cps   |
| Copper     | 63-2  | 180421  | 181710  | 179662  | 180598  | 0.57   | cps   |
| Dysprosium | 156-1 | 17      | 25      | 17      | 19      | 24.73  | cps   |
| Dysprosium | 156-2 | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Erbium     | 164-1 | 58      | 100     | 108     | 89      | 30.13  | cps   |
| Erbium     | 164-2 | 20      | 17      | 30      | 22      | 31.22  | cps   |
| Gadolinium | 160-1 | 67      | 92      | 100     | 86      | 20.14  | cps   |
| Gadolinium | 160-2 | 7       | 7       | 7       | 7       | 0.00   | cps   |
| Holmium    | 165-1 | 7936491 | 7763581 | 7962671 | 7887581 | 1.37   | cps   |
| Holmium    | 165-2 | 2251747 | 2227958 | 2299236 | 2259647 | 1.61   | cps   |
| Indium     | 115-1 | 6837190 | 6684741 | 6800130 | 6774020 | 1.17   | cps   |
| Indium     | 115-2 | 374839  | 372223  | 380441  | 375835  | 1.12   | cps   |
| Iron       | 56-2  | 684374  | 682008  | 688006  | 684796  | 0.44   | cps   |
| Iron       | 57-2  | 17267   | 17723   | 17773   | 17587   | 1.59   | cps   |
| Krypton    | 83-1  | 370     | 417     | 323     | 370     | 12.61  | cps   |
| Lead       | 206-1 | 1023922 | 1023078 | 1034732 | 1027244 | 0.63   | cps   |
| Lead       | 207-1 | 897628  | 908093  | 902187  | 902636  | 0.58   | cps   |
| Lead       | 208-1 | 4204269 | 4210709 | 4213532 | 4209503 | 0.11   | cps   |
| Lithium    | 6-1   | 1706213 | 1670062 | 1718046 | 1698107 | 1.47   | cps   |
| Magnesium  | 24-2  | 46410   | 46201   | 47179   | 46597   | 1.11   | cps   |



|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB98345             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P8       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-10-03 14:19:25 | DataFile Name :   | 012ICV.d |

| Parameter  | Mass  | CPS1     | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|----------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 29318    | 29565   | 28556   | 29146   | 1.80   | cps   |
| Molybdenum | 94-1  | 1083     | 1033    | 1100    | 1072    | 3.24   | cps   |
| Molybdenum | 95-1  | 700      | 617     | 625     | 647     | 7.09   | cps   |
| Molybdenum | 96-1  | 833      | 967     | 892     | 897     | 7.45   | cps   |
| Molybdenum | 97-1  | 400      | 400     | 550     | 450     | 19.25  | cps   |
| Molybdenum | 98-1  | 858      | 850     | 883     | 864     | 2.01   | cps   |
| Neodymium  | 150-1 | 13       | 13      | 27      | 18      | 43.33  | cps   |
| Neodymium  | 150-2 | 0        | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 62958    | 63410   | 61974   | 62781   | 1.17   | cps   |
| Phosphorus | 31-2  | 8        | 0       | 0       | 3       | 173.21 | cps   |
| Potassium  | 39-2  | 43869    | 44881   | 45065   | 44605   | 1.44   | cps   |
| Rhodium    | 103-1 | 6531323  | 6327107 | 6520170 | 6459533 | 1.78   | cps   |
| Rhodium    | 103-2 | 2086858  | 2046540 | 2094742 | 2076047 | 1.25   | cps   |
| Scandium   | 45-1  | 4767196  | 4532905 | 4729639 | 4676580 | 2.69   | cps   |
| Scandium   | 45-2  | 41455    | 40605   | 42534   | 41531   | 2.33   | cps   |
| Selenium   | 77-2  | 213      | 157     | 167     | 179     | 16.91  | cps   |
| Selenium   | 78-2  | 722      | 659     | 607     | 663     | 8.67   | cps   |
| Selenium   | 82-1  | 25836    | 26094   | 25841   | 25924   | 0.57   | cps   |
| Silicon    | 28-1  | 296701   | 294526  | 292520  | 294582  | 0.71   | cps   |
| Silver     | 109-1 | 880786   | 883088  | 891962  | 885279  | 0.67   | cps   |
| Silver     | 107-1 | 930195   | 924111  | 932592  | 928966  | 0.47   | cps   |
| Sodium     | 23-2  | 182100   | 183022  | 180868  | 181997  | 0.59   | cps   |
| Strontium  | 86-1  | 6202     | 6085    | 5918    | 6068    | 2.35   | cps   |
| Strontium  | 88-1  | 46999    | 49156   | 48145   | 48100   | 2.24   | cps   |
| Sulfur     | 34-1  | 411939   | 415916  | 414905  | 414254  | 0.50   | cps   |
| Terbium    | 159-1 | 8391190  | 8075879 | 8403380 | 8290150 | 2.24   | cps   |
| Terbium    | 159-2 | 2209525  | 2147056 | 2236656 | 2197746 | 2.09   | cps   |
| Thallium   | 203-1 | 1278773  | 1286049 | 1292450 | 1285758 | 0.53   | cps   |
| Thallium   | 205-1 | 3122943  | 3139779 | 3150618 | 3137780 | 0.44   | cps   |
| Tin        | 118-1 | 1292     | 1258    | 1250    | 1267    | 1.74   | cps   |
| Titanium   | 47-1  | 217      | 375     | 325     | 306     | 26.49  | cps   |
| Uranium    | 238-1 | 10097917 | 9912386 | 9887806 | 9966036 | 1.15   | cps   |
| Vanadium   | 51-2  | 71354    | 72416   | 72902   | 72224   | 1.10   | cps   |
| Yttrium    | 89-1  | 7421686  | 7158466 | 7283236 | 7287796 | 1.81   | cps   |
| Yttrium    | 89-2  | 280527   | 276886  | 282865  | 280093  | 1.08   | cps   |
| Zinc       | 66-2  | 36090    | 35529   | 35803   | 35808   | 0.78   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB98345             | Operator :        | Jaswal   |
| Lab Sample ID :         | ICV                 | Instrumnet Name : | P8       |
| Client Sample ID :      | ICV                 | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-10-03 14:19:25 | DataFile Name :   | 012ICV.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1717 | 1792 | 1650 | 1720    | 4.12   | cps   |
| Zirconium | 91-1 | 383  | 558  | 475  | 472     | 18.54  | cps   |

LB Number : LB98345 Operator : Jaswal  
 Lab Sample ID : ICB Instrumnet Name : P8  
 Client Sample ID : ICB Dilution Factor : 1  
 Date & Time Acquired :: 2018-10-03 14:32:14 DataFile Name : 014CCBE.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 25      | 13      | 28      | 22      | 37.11  | cps   |
| Antimony   | 121-1 | 667     | 783     | 883     | 778     | 13.94  | cps   |
| Arsenic    | 75-2  | 7       | 7       | 4       | 6       | 34.70  | cps   |
| Barium     | 135-1 | 25      | 17      | 17      | 19      | 24.73  | cps   |
| Barium     | 137-1 | 33      | 83      | 42      | 53      | 50.76  | cps   |
| Beryllium  | 9-1   | 239     | 289     | 322     | 283     | 14.80  | cps   |
| Bismuth    | 209-1 | 5000478 | 5043768 | 4641354 | 4895200 | 4.51   | cps   |
| Bismuth    | 209-2 | 1677478 | 1704696 | 1646640 | 1676271 | 1.73   | cps   |
| Boron      | 10-1  | 1200    | 908     | 1175    | 1095    | 14.77  | cps   |
| Boron      | 11-1  | 4926    | 5109    | 5218    | 5084    | 2.90   | cps   |
| Cadmium    | 111-1 | 1227    | 1295    | 1191    | 1238    | 4.26   | cps   |
| Cadmium    | 106-1 | 1742    | 1850    | 1700    | 1764    | 4.39   | cps   |
| Cadmium    | 108-1 | 13      | 13      | 17      | 14      | 17.33  | cps   |
| Calcium    | 43-1  | 450     | 733     | 500     | 561     | 26.95  | cps   |
| Calcium    | 44-1  | 18096   | 18187   | 18555   | 18279   | 1.33   | cps   |
| Chromium   | 52-2  | 440     | 410     | 433     | 428     | 3.68   | cps   |
| Cobalt     | 59-2  | 103     | 80      | 47      | 77      | 37.15  | cps   |
| Copper     | 63-2  | 437     | 450     | 387     | 424     | 7.87   | cps   |
| Dysprosium | 156-1 | 17      | 17      | 25      | 19      | 24.73  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 50      | 58      | 8       | 39      | 68.89  | cps   |
| Erbium     | 164-2 | 7       | 0       | 10      | 6       | 91.64  | cps   |
| Gadolinium | 160-1 | 125     | 108     | 33      | 89      | 54.94  | cps   |
| Gadolinium | 160-2 | 7       | 7       | 3       | 6       | 34.70  | cps   |
| Holmium    | 165-1 | 7604170 | 7654993 | 6972235 | 7410466 | 5.13   | cps   |
| Holmium    | 165-2 | 2071508 | 2043535 | 1992066 | 2035703 | 1.98   | cps   |
| Indium     | 115-1 | 6566884 | 6635776 | 5976822 | 6393161 | 5.67   | cps   |
| Indium     | 115-2 | 346325  | 346915  | 341363  | 344867  | 0.88   | cps   |
| Iron       | 56-2  | 1695    | 1678    | 1800    | 1724    | 3.84   | cps   |
| Iron       | 57-2  | 50      | 33      | 39      | 41      | 20.83  | cps   |
| Krypton    | 83-1  | 427     | 437     | 410     | 424     | 3.17   | cps   |
| Lead       | 206-1 | 372     | 467     | 433     | 424     | 11.30  | cps   |
| Lead       | 207-1 | 339     | 483     | 406     | 409     | 17.67  | cps   |
| Lead       | 208-1 | 1461    | 1845    | 1756    | 1687    | 11.89  | cps   |
| Lithium    | 6-1   | 1639309 | 1644741 | 1495536 | 1593195 | 5.31   | cps   |
| Magnesium  | 24-2  | 408     | 325     | 325     | 353     | 13.64  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P8        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 14:32:14 | DataFile Name :   | 014CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 30      | 43      | 10      | 28      | 60.40  | cps   |
| Molybdenum | 94-1  | 508     | 425     | 392     | 442     | 13.61  | cps   |
| Molybdenum | 95-1  | 267     | 250     | 250     | 256     | 3.77   | cps   |
| Molybdenum | 96-1  | 433     | 275     | 208     | 306     | 37.82  | cps   |
| Molybdenum | 97-1  | 133     | 167     | 242     | 181     | 30.73  | cps   |
| Molybdenum | 98-1  | 317     | 358     | 325     | 333     | 6.62   | cps   |
| Neodymium  | 150-1 | 7       | 7       | 7       | 7       | 0.00   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 333     | 387     | 313     | 344     | 11.01  | cps   |
| Phosphorus | 31-2  | 8       | 8       | 0       | 6       | 86.60  | cps   |
| Potassium  | 39-2  | 3459    | 3526    | 3242    | 3409    | 4.35   | cps   |
| Rhodium    | 103-1 | 6338444 | 6405340 | 5770111 | 6171298 | 5.66   | cps   |
| Rhodium    | 103-2 | 1883303 | 1894609 | 1867983 | 1881965 | 0.71   | cps   |
| Scandium   | 45-1  | 4635947 | 4724070 | 4259978 | 4539998 | 5.43   | cps   |
| Scandium   | 45-2  | 38259   | 37744   | 38008   | 38004   | 0.68   | cps   |
| Selenium   | 77-2  | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 2       | 2       | 2       | 2       | 0.00   | cps   |
| Selenium   | 82-1  | 223     | 182     | 225     | 210     | 11.52  | cps   |
| Silicon    | 28-1  | 291442  | 289114  | 286113  | 288890  | 0.92   | cps   |
| Silver     | 109-1 | 33      | 58      | 42      | 44      | 28.65  | cps   |
| Silver     | 107-1 | 133     | 117     | 42      | 97      | 50.22  | cps   |
| Sodium     | 23-2  | 9203    | 9745    | 9987    | 9645    | 4.16   | cps   |
| Strontium  | 86-1  | 617     | 575     | 625     | 606     | 4.42   | cps   |
| Strontium  | 88-1  | 183     | 175     | 183     | 181     | 2.66   | cps   |
| Sulfur     | 34-1  | 426951  | 430814  | 423269  | 427011  | 0.88   | cps   |
| Terbium    | 159-1 | 7951882 | 8106370 | 7287278 | 7781843 | 5.59   | cps   |
| Terbium    | 159-2 | 1987685 | 2010811 | 1977534 | 1992010 | 0.86   | cps   |
| Thallium   | 203-1 | 425     | 467     | 408     | 433     | 6.93   | cps   |
| Thallium   | 205-1 | 867     | 992     | 858     | 906     | 8.25   | cps   |
| Tin        | 118-1 | 942     | 1008    | 967     | 972     | 3.46   | cps   |
| Titanium   | 47-1  | 167     | 167     | 233     | 189     | 20.38  | cps   |
| Uranium    | 238-1 | 58      | 25      | 58      | 47      | 40.76  | cps   |
| Vanadium   | 51-2  | 10      | 3       | 13      | 9       | 57.30  | cps   |
| Yttrium    | 89-1  | 7221181 | 7154468 | 6543911 | 6973186 | 5.35   | cps   |
| Yttrium    | 89-2  | 257495  | 258640  | 255702  | 257279  | 0.58   | cps   |
| Zinc       | 66-2  | 217     | 223     | 253     | 231     | 8.45   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB                 | Instrumnet Name : | P8        |
| Client Sample ID :      | ICB                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 14:32:14 | DataFile Name :   | 014CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1000 | 900  | 650  | 850     | 21.21  | cps   |
| Zirconium | 91-1 | 142  | 175  | 208  | 175     | 19.05  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 14:35:37 | DataFile Name :   | 015ICSA.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 710399   | 703693   | 705155   | 706415   | 0.50   | cps   |
| Antimony   | 121-1 | 9996     | 9904     | 9504     | 9801     | 2.67   | cps   |
| Arsenic    | 75-2  | 28       | 44       | 48       | 40       | 27.04  | cps   |
| Barium     | 135-1 | 2892     | 2817     | 2625     | 2778     | 4.95   | cps   |
| Barium     | 137-1 | 4251     | 5043     | 4451     | 4582     | 8.99   | cps   |
| Beryllium  | 9-1   | 717      | 739      | 811      | 756      | 6.54   | cps   |
| Bismuth    | 209-1 | 4970027  | 5049906  | 4918476  | 4979470  | 1.33   | cps   |
| Bismuth    | 209-2 | 1648651  | 1642945  | 1646426  | 1646008  | 0.17   | cps   |
| Boron      | 10-1  | 1167     | 1283     | 1175     | 1208     | 5.39   | cps   |
| Boron      | 11-1  | 5635     | 5793     | 5726     | 5718     | 1.39   | cps   |
| Cadmium    | 111-1 | 2041     | 1901     | 1726     | 1889     | 8.37   | cps   |
| Cadmium    | 106-1 | 1809     | 1825     | 1442     | 1692     | 12.81  | cps   |
| Cadmium    | 108-1 | 1292     | 1521     | 1346     | 1386     | 8.64   | cps   |
| Calcium    | 43-1  | 2147054  | 2216371  | 2125332  | 2162919  | 2.20   | cps   |
| Calcium    | 44-1  | 35012940 | 35841515 | 34400287 | 35084914 | 2.06   | cps   |
| Chromium   | 52-2  | 21140    | 20328    | 20912    | 20793    | 2.01   | cps   |
| Cobalt     | 59-2  | 2310     | 2457     | 2410     | 2392     | 3.13   | cps   |
| Copper     | 63-2  | 12749    | 12496    | 12462    | 12569    | 1.25   | cps   |
| Dysprosium | 156-1 | 33       | 50       | 50       | 44       | 21.66  | cps   |
| Dysprosium | 156-2 | 7        | 13       | 7        | 9        | 43.25  | cps   |
| Erbium     | 164-1 | 50       | 58       | 33       | 47       | 26.97  | cps   |
| Erbium     | 164-2 | 20       | 10       | 7        | 12       | 56.76  | cps   |
| Gadolinium | 160-1 | 67       | 108      | 133      | 103      | 32.77  | cps   |
| Gadolinium | 160-2 | 20       | 3        | 13       | 12       | 68.66  | cps   |
| Holmium    | 165-1 | 7701961  | 7970648  | 7719304  | 7797304  | 1.93   | cps   |
| Holmium    | 165-2 | 2103490  | 2093222  | 2128273  | 2108328  | 0.85   | cps   |
| Indium     | 115-1 | 6427354  | 6570860  | 6381803  | 6460006  | 1.53   | cps   |
| Indium     | 115-2 | 337338   | 340470   | 338438   | 338749   | 0.47   | cps   |
| Iron       | 56-2  | 61349903 | 60719858 | 61276367 | 61115376 | 0.56   | cps   |
| Iron       | 57-2  | 1567272  | 1558712  | 1576022  | 1567335  | 0.55   | cps   |
| Krypton    | 83-1  | 400      | 357      | 373      | 377      | 5.80   | cps   |
| Lead       | 206-1 | 26178    | 25721    | 25387    | 25762    | 1.54   | cps   |
| Lead       | 207-1 | 20311    | 19805    | 20066    | 20061    | 1.26   | cps   |
| Lead       | 208-1 | 97296    | 96607    | 93612    | 95838    | 2.04   | cps   |
| Lithium    | 6-1   | 1566479  | 1620126  | 1568315  | 1584973  | 1.92   | cps   |
| Magnesium  | 24-2  | 3485550  | 3443101  | 3446783  | 3458478  | 0.68   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 14:35:37 | DataFile Name :   | 015ICSA.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 2084     | 2237     | 2214     | 2178     | 3.79   | cps   |
| Molybdenum | 94-1  | 4014796  | 4056998  | 3941795  | 4004530  | 1.46   | cps   |
| Molybdenum | 95-1  | 6963911  | 7092695  | 6862783  | 6973130  | 1.65   | cps   |
| Molybdenum | 96-1  | 7513976  | 7673316  | 7392630  | 7526641  | 1.87   | cps   |
| Molybdenum | 97-1  | 4408895  | 4475145  | 4308016  | 4397352  | 1.91   | cps   |
| Molybdenum | 98-1  | 11137459 | 11414633 | 10926202 | 11159431 | 2.20   | cps   |
| Neodymium  | 150-1 | 47       | 13       | 13       | 24       | 78.75  | cps   |
| Neodymium  | 150-2 | 10       | 7        | 0        | 6        | 91.64  | cps   |
| Nickel     | 60-2  | 4384     | 4591     | 4441     | 4472     | 2.39   | cps   |
| Phosphorus | 31-2  | 52925    | 50717    | 51319    | 51654    | 2.21   | cps   |
| Potassium  | 39-2  | 1881464  | 1843421  | 1850934  | 1858606  | 1.08   | cps   |
| Rhodium    | 103-1 | 6010042  | 6058541  | 5922021  | 5996868  | 1.15   | cps   |
| Rhodium    | 103-2 | 1851509  | 1876241  | 1880899  | 1869550  | 0.84   | cps   |
| Scandium   | 45-1  | 4487420  | 4579283  | 4493233  | 4519978  | 1.14   | cps   |
| Scandium   | 45-2  | 38219    | 37734    | 36919    | 37624    | 1.75   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 4        | 2        | 0        | 2        | 100.00 | cps   |
| Selenium   | 82-1  | 250      | 257      | 248      | 252      | 1.93   | cps   |
| Silicon    | 28-1  | 438295   | 441013   | 603468   | 494259   | 19.14  | cps   |
| Silver     | 109-1 | 500      | 558      | 675      | 578      | 15.42  | cps   |
| Silver     | 107-1 | 450      | 642      | 725      | 606      | 23.29  | cps   |
| Sodium     | 23-2  | 7562572  | 7555592  | 7593876  | 7570680  | 0.27   | cps   |
| Strontium  | 86-1  | 78937    | 81586    | 77763    | 79429    | 2.47   | cps   |
| Strontium  | 88-1  | 681683   | 692977   | 671158   | 681939   | 1.60   | cps   |
| Sulfur     | 34-1  | 2952493  | 3028870  | 2898258  | 2959874  | 2.22   | cps   |
| Terbium    | 159-1 | 8232071  | 8320265  | 8047826  | 8200054  | 1.70   | cps   |
| Terbium    | 159-2 | 2061673  | 2041264  | 2064944  | 2055960  | 0.62   | cps   |
| Thallium   | 203-1 | 1058     | 1158     | 1217     | 1145     | 7.00   | cps   |
| Thallium   | 205-1 | 2125     | 2300     | 2434     | 2286     | 6.76   | cps   |
| Tin        | 118-1 | 1800     | 1917     | 2059     | 1925     | 6.72   | cps   |
| Titanium   | 47-1  | 2146269  | 2217307  | 2140475  | 2168017  | 1.97   | cps   |
| Uranium    | 238-1 | 517      | 358      | 433      | 436      | 18.16  | cps   |
| Vanadium   | 51-2  | 103      | 120      | 113      | 112      | 7.47   | cps   |
| Yttrium    | 89-1  | 7030182  | 7181894  | 7012873  | 7074983  | 1.31   | cps   |
| Yttrium    | 89-2  | 258022   | 257640   | 260247   | 258636   | 0.54   | cps   |
| Zinc       | 66-2  | 2037     | 2090     | 2044     | 2057     | 1.41   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSA                | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSA                | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 14:35:37 | DataFile Name :   | 015ICSA.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 4459 | 3901 | 3484 | 3948    | 12.40  | cps   |
| Zirconium | 91-1 | 1092 | 942  | 800  | 945     | 15.44  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 14:38:54 | DataFile Name :   | 016ICSB.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 690351   | 676782   | 680390   | 682508   | 1.03   | cps   |
| Antimony   | 121-1 | 170374   | 175302   | 164065   | 169914   | 3.31   | cps   |
| Arsenic    | 75-2  | 2311     | 2078     | 2137     | 2176     | 5.58   | cps   |
| Barium     | 135-1 | 38465    | 37939    | 35782    | 37396    | 3.80   | cps   |
| Barium     | 137-1 | 64550    | 66199    | 63906    | 64885    | 1.82   | cps   |
| Beryllium  | 9-1   | 33490    | 33896    | 32248    | 33211    | 2.59   | cps   |
| Bismuth    | 209-1 | 4954342  | 5133445  | 4859387  | 4982391  | 2.79   | cps   |
| Bismuth    | 209-2 | 1626082  | 1584565  | 1594966  | 1601871  | 1.35   | cps   |
| Boron      | 10-1  | 1108     | 1058     | 1033     | 1067     | 3.58   | cps   |
| Boron      | 11-1  | 4884     | 5226     | 4893     | 5001     | 3.90   | cps   |
| Cadmium    | 111-1 | 37793    | 39750    | 36607    | 38050    | 4.17   | cps   |
| Cadmium    | 106-1 | 4693     | 5235     | 4968     | 4965     | 5.46   | cps   |
| Cadmium    | 108-1 | 3746     | 3534     | 3359     | 3546     | 5.47   | cps   |
| Calcium    | 43-1  | 2159548  | 2215493  | 2077184  | 2150742  | 3.23   | cps   |
| Calcium    | 44-1  | 34786824 | 35432803 | 33707626 | 34642417 | 2.52   | cps   |
| Chromium   | 52-2  | 39917    | 39670    | 39967    | 39851    | 0.40   | cps   |
| Cobalt     | 59-2  | 39352    | 38583    | 38924    | 38953    | 0.99   | cps   |
| Copper     | 63-2  | 44147    | 43608    | 44066    | 43941    | 0.66   | cps   |
| Dysprosium | 156-1 | 75       | 75       | 67       | 72       | 6.66   | cps   |
| Dysprosium | 156-2 | 3        | 7        | 3        | 4        | 43.40  | cps   |
| Erbium     | 164-1 | 58       | 83       | 42       | 61       | 34.32  | cps   |
| Erbium     | 164-2 | 3        | 20       | 0        | 8        | 137.80 | cps   |
| Gadolinium | 160-1 | 33       | 108      | 58       | 67       | 57.28  | cps   |
| Gadolinium | 160-2 | 33       | 27       | 20       | 27       | 24.99  | cps   |
| Holmium    | 165-1 | 7807793  | 8086707  | 7672712  | 7855738  | 2.69   | cps   |
| Holmium    | 165-2 | 2114531  | 2041580  | 2087614  | 2081242  | 1.77   | cps   |
| Indium     | 115-1 | 6476237  | 6698564  | 6303990  | 6492930  | 3.05   | cps   |
| Indium     | 115-2 | 335996   | 325253   | 329161   | 330137   | 1.65   | cps   |
| Iron       | 56-2  | 59268721 | 58923303 | 58874505 | 59022176 | 0.36   | cps   |
| Iron       | 57-2  | 1505306  | 1507921  | 1506978  | 1506735  | 0.09   | cps   |
| Krypton    | 83-1  | 363      | 393      | 430      | 396      | 8.44   | cps   |
| Lead       | 206-1 | 126468   | 125918   | 120516   | 124301   | 2.65   | cps   |
| Lead       | 207-1 | 105144   | 106426   | 101335   | 104302   | 2.54   | cps   |
| Lead       | 208-1 | 488022   | 493063   | 471220   | 484101   | 2.36   | cps   |
| Lithium    | 6-1   | 1546146  | 1611208  | 1545427  | 1567594  | 2.41   | cps   |
| Magnesium  | 24-2  | 3379557  | 3308491  | 3341318  | 3343122  | 1.06   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 14:38:54 | DataFile Name :   | 016ICSB.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 7435     | 7152     | 7295     | 7294     | 1.94   | cps   |
| Molybdenum | 94-1  | 4038344  | 4031654  | 3849629  | 3973209  | 2.69   | cps   |
| Molybdenum | 95-1  | 7042510  | 7095735  | 6756509  | 6964918  | 2.62   | cps   |
| Molybdenum | 96-1  | 7532232  | 7686675  | 7284467  | 7501124  | 2.70   | cps   |
| Molybdenum | 97-1  | 4369145  | 4460421  | 4255143  | 4361570  | 2.36   | cps   |
| Molybdenum | 98-1  | 11036023 | 11369326 | 10732739 | 11046029 | 2.88   | cps   |
| Neodymium  | 150-1 | 27       | 20       | 53       | 33       | 52.92  | cps   |
| Neodymium  | 150-2 | 0        | 0        | 7        | 2        | 173.21 | cps   |
| Nickel     | 60-2  | 16113    | 15472    | 16193    | 15926    | 2.48   | cps   |
| Phosphorus | 31-2  | 49429    | 47756    | 49947    | 49044    | 2.33   | cps   |
| Potassium  | 39-2  | 1812634  | 1784048  | 1816228  | 1804303  | 0.98   | cps   |
| Rhodium    | 103-1 | 5891056  | 6276720  | 5889558  | 6019111  | 3.71   | cps   |
| Rhodium    | 103-2 | 1835302  | 1789809  | 1783234  | 1802781  | 1.57   | cps   |
| Scandium   | 45-1  | 4462904  | 4735965  | 4407242  | 4535370  | 3.88   | cps   |
| Scandium   | 45-2  | 36825    | 35635    | 35595    | 36019    | 1.94   | cps   |
| Selenium   | 77-2  | 10       | 10       | 7        | 9        | 21.63  | cps   |
| Selenium   | 78-2  | 67       | 52       | 74       | 64       | 17.63  | cps   |
| Selenium   | 82-1  | 2732     | 2726     | 2553     | 2670     | 3.80   | cps   |
| Silicon    | 28-1  | 445813   | 447261   | 439686   | 444253   | 0.91   | cps   |
| Silver     | 109-1 | 162968   | 165253   | 156432   | 161551   | 2.83   | cps   |
| Silver     | 107-1 | 167623   | 172145   | 167041   | 168936   | 1.65   | cps   |
| Sodium     | 23-2  | 7421133  | 7298978  | 7303922  | 7341344  | 0.94   | cps   |
| Strontium  | 86-1  | 78022    | 79783    | 76591    | 78132    | 2.05   | cps   |
| Strontium  | 88-1  | 671749   | 686329   | 655282   | 671120   | 2.31   | cps   |
| Sulfur     | 34-1  | 2936443  | 3009709  | 2858154  | 2934769  | 2.58   | cps   |
| Terbium    | 159-1 | 8181916  | 8452023  | 7969267  | 8201069  | 2.95   | cps   |
| Terbium    | 159-2 | 2023449  | 1966411  | 1964119  | 1984660  | 1.69   | cps   |
| Thallium   | 203-1 | 126902   | 126947   | 123127   | 125659   | 1.75   | cps   |
| Thallium   | 205-1 | 296956   | 303820   | 292034   | 297603   | 1.99   | cps   |
| Tin        | 118-1 | 1942     | 2000     | 1775     | 1906     | 6.13   | cps   |
| Titanium   | 47-1  | 2179958  | 2210371  | 2094806  | 2161712  | 2.77   | cps   |
| Uranium    | 238-1 | 417      | 408      | 358      | 394      | 8.00   | cps   |
| Vanadium   | 51-2  | 13136    | 12793    | 13176    | 13035    | 1.62   | cps   |
| Yttrium    | 89-1  | 6999629  | 7336076  | 6858992  | 7064899  | 3.47   | cps   |
| Yttrium    | 89-2  | 256063   | 246154   | 248565   | 250261   | 2.06   | cps   |
| Zinc       | 66-2  | 5458     | 4904     | 5168     | 5177     | 5.35   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB               | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 14:38:54 | DataFile Name :   | 016ICSB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 2534 | 2292 | 2009 | 2278    | 11.54  | cps   |
| Zirconium | 91-1 | 592  | 450  | 492  | 511     | 14.25  | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB98345             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV069              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV069              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-10-03 14:42:11 | DataFile Name :   | 017CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 401893   | 400946   | 396843   | 399894   | 0.67   | cps   |
| Antimony   | 121-1 | 4173892  | 4281397  | 4160080  | 4205123  | 1.58   | cps   |
| Arsenic    | 75-2  | 55705    | 54856    | 55130    | 55230    | 0.78   | cps   |
| Barium     | 135-1 | 4433828  | 4599555  | 4414512  | 4482632  | 2.27   | cps   |
| Barium     | 137-1 | 7730328  | 7925930  | 7684249  | 7780169  | 1.65   | cps   |
| Beryllium  | 9-1   | 832464   | 851469   | 829674   | 837869   | 1.42   | cps   |
| Bismuth    | 209-1 | 4872880  | 4956063  | 4890056  | 4906333  | 0.90   | cps   |
| Bismuth    | 209-2 | 1552536  | 1532993  | 1460410  | 1515313  | 3.20   | cps   |
| Boron      | 10-1  | 93923    | 97136    | 95425    | 95495    | 1.68   | cps   |
| Boron      | 11-1  | 439047   | 465882   | 461901   | 455610   | 3.18   | cps   |
| Cadmium    | 111-1 | 923766   | 947072   | 923213   | 931350   | 1.46   | cps   |
| Cadmium    | 106-1 | 100196   | 103790   | 99448    | 101145   | 2.29   | cps   |
| Cadmium    | 108-1 | 67288    | 68896    | 67271    | 67818    | 1.38   | cps   |
| Calcium    | 43-1  | 5412188  | 5552545  | 5404549  | 5456427  | 1.53   | cps   |
| Calcium    | 44-1  | 88808402 | 90477685 | 87980187 | 89088758 | 1.43   | cps   |
| Chromium   | 52-2  | 463006   | 461782   | 463826   | 462871   | 0.22   | cps   |
| Cobalt     | 59-2  | 931882   | 936364   | 932801   | 933682   | 0.25   | cps   |
| Copper     | 63-2  | 1569476  | 1551652  | 1529671  | 1550267  | 1.29   | cps   |
| Dysprosium | 156-1 | 117      | 75       | 158      | 117      | 35.72  | cps   |
| Dysprosium | 156-2 | 17       | 17       | 20       | 18       | 10.81  | cps   |
| Erbium     | 164-1 | 117      | 92       | 42       | 83       | 45.82  | cps   |
| Erbium     | 164-2 | 17       | 13       | 3        | 11       | 62.48  | cps   |
| Gadolinium | 160-1 | 83       | 150      | 117      | 117      | 28.57  | cps   |
| Gadolinium | 160-2 | 30       | 20       | 30       | 27       | 21.65  | cps   |
| Holmium    | 165-1 | 7768543  | 7967763  | 7727787  | 7821364  | 1.64   | cps   |
| Holmium    | 165-2 | 2047912  | 2005516  | 1884275  | 1979234  | 4.29   | cps   |
| Indium     | 115-1 | 6223117  | 6418387  | 6174841  | 6272115  | 2.06   | cps   |
| Indium     | 115-2 | 316212   | 313280   | 293522   | 307671   | 4.01   | cps   |
| Iron       | 56-2  | 75370099 | 75722616 | 74733363 | 75275359 | 0.67   | cps   |
| Iron       | 57-2  | 1924536  | 1940396  | 1918716  | 1927883  | 0.58   | cps   |
| Krypton    | 83-1  | 380      | 327      | 390      | 366      | 9.31   | cps   |
| Lead       | 206-1 | 2578376  | 2645655  | 2581485  | 2601839  | 1.46   | cps   |
| Lead       | 207-1 | 2369915  | 2394454  | 2307266  | 2357212  | 1.91   | cps   |
| Lead       | 208-1 | 10496294 | 10764722 | 10408806 | 10556608 | 1.76   | cps   |
| Lithium    | 6-1   | 1529865  | 1566421  | 1546782  | 1547689  | 1.18   | cps   |
| Magnesium  | 24-2  | 8386872  | 8321866  | 8262960  | 8323899  | 0.74   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB98345             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV069              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV069              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-10-03 14:42:11 | DataFile Name :   | 017CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 270464   | 271557   | 266624   | 269548   | 0.96   | cps   |
| Molybdenum | 94-1  | 7461997  | 7634994  | 7468031  | 7521674  | 1.31   | cps   |
| Molybdenum | 95-1  | 9085449  | 9429063  | 9087041  | 9200518  | 2.15   | cps   |
| Molybdenum | 96-1  | 10365671 | 10506746 | 10238839 | 10370419 | 1.29   | cps   |
| Molybdenum | 97-1  | 5765993  | 5899752  | 5744585  | 5803443  | 1.45   | cps   |
| Molybdenum | 98-1  | 14665918 | 15037595 | 14575069 | 14759527 | 1.66   | cps   |
| Neodymium  | 150-1 | 347      | 260      | 280      | 296      | 15.36  | cps   |
| Neodymium  | 150-2 | 20       | 17       | 17       | 18       | 10.81  | cps   |
| Nickel     | 60-2  | 275075   | 275153   | 273070   | 274433   | 0.43   | cps   |
| Phosphorus | 31-2  | 5168     | 5151     | 5068     | 5129     | 1.04   | cps   |
| Potassium  | 39-2  | 2316524  | 2318063  | 2275119  | 2303235  | 1.06   | cps   |
| Rhodium    | 103-1 | 5810546  | 5919477  | 5812823  | 5847615  | 1.06   | cps   |
| Rhodium    | 103-2 | 1731826  | 1749890  | 1626990  | 1702902  | 3.90   | cps   |
| Scandium   | 45-1  | 4395093  | 4543284  | 4364234  | 4434204  | 2.16   | cps   |
| Scandium   | 45-2  | 36474    | 35712    | 34179    | 35455    | 3.30   | cps   |
| Selenium   | 77-2  | 473      | 370      | 400      | 414      | 12.83  | cps   |
| Selenium   | 78-2  | 1324     | 1359     | 1259     | 1314     | 3.86   | cps   |
| Selenium   | 82-1  | 61504    | 63952    | 61214    | 62223    | 2.42   | cps   |
| Silicon    | 28-1  | 2755068  | 2849556  | 2788401  | 2797675  | 1.71   | cps   |
| Silver     | 109-1 | 4477479  | 4533859  | 4408541  | 4473293  | 1.40   | cps   |
| Silver     | 107-1 | 4634174  | 4837520  | 4640711  | 4704135  | 2.46   | cps   |
| Sodium     | 23-2  | 18636833 | 18469398 | 18319641 | 18475290 | 0.86   | cps   |
| Strontium  | 86-1  | 1183896  | 1205761  | 1171706  | 1187121  | 1.45   | cps   |
| Strontium  | 88-1  | 10159054 | 10416808 | 10057182 | 10211015 | 1.82   | cps   |
| Sulfur     | 34-1  | 729121   | 740251   | 724723   | 731365   | 1.09   | cps   |
| Terbium    | 159-1 | 8041641  | 8253630  | 8034699  | 8109990  | 1.53   | cps   |
| Terbium    | 159-2 | 1966711  | 1942215  | 1839617  | 1916181  | 3.52   | cps   |
| Thallium   | 203-1 | 3236293  | 3290571  | 3194001  | 3240289  | 1.49   | cps   |
| Thallium   | 205-1 | 7490535  | 7684692  | 7516807  | 7564011  | 1.39   | cps   |
| Tin        | 118-1 | 2887666  | 2978413  | 2845756  | 2903945  | 2.34   | cps   |
| Titanium   | 47-1  | 2750360  | 2825925  | 2727626  | 2767970  | 1.86   | cps   |
| Uranium    | 238-1 | 10074168 | 10231380 | 10001751 | 10102433 | 1.16   | cps   |
| Vanadium   | 51-2  | 338684   | 335053   | 336376   | 336704   | 0.55   | cps   |
| Yttrium    | 89-1  | 6898723  | 7065479  | 6929344  | 6964515  | 1.27   | cps   |
| Yttrium    | 89-2  | 244189   | 244290   | 228164   | 238881   | 3.89   | cps   |
| Zinc       | 66-2  | 158264   | 158008   | 156727   | 157666   | 0.52   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB98345             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV069              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV069              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-10-03 14:42:11 | DataFile Name :   | 017CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 6269076 | 6446528 | 6304392 | 6339999 | 1.48   | cps   |
| Zirconium | 91-1 | 1428834 | 1464129 | 1417887 | 1436950 | 1.68   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB069              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB069              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 14:46:03 | DataFile Name :   | 018CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 23      | 33      | 28      | 28      | 18.18  | cps   |
| Antimony   | 121-1 | 5910    | 5718    | 5968    | 5866    | 2.23   | cps   |
| Arsenic    | 75-2  | 6       | 7       | 9       | 7       | 24.97  | cps   |
| Barium     | 135-1 | 183     | 142     | 92      | 139     | 33.05  | cps   |
| Barium     | 137-1 | 267     | 217     | 167     | 217     | 23.08  | cps   |
| Beryllium  | 9-1   | 611     | 450     | 517     | 526     | 15.39  | cps   |
| Bismuth    | 209-1 | 5176047 | 4918373 | 5197434 | 5097285 | 3.05   | cps   |
| Bismuth    | 209-2 | 1861128 | 1828169 | 1812106 | 1833801 | 1.36   | cps   |
| Boron      | 10-1  | 2700    | 2484    | 2250    | 2478    | 9.08   | cps   |
| Boron      | 11-1  | 13073   | 12364   | 11046   | 12161   | 8.46   | cps   |
| Cadmium    | 111-1 | 1077    | 1176    | 1290    | 1181    | 9.02   | cps   |
| Cadmium    | 106-1 | 1475    | 1634    | 1792    | 1634    | 9.69   | cps   |
| Cadmium    | 108-1 | 8       | 25      | 21      | 18      | 48.05  | cps   |
| Calcium    | 43-1  | 608     | 750     | 583     | 647     | 13.89  | cps   |
| Calcium    | 44-1  | 21367   | 21133   | 20265   | 20922   | 2.78   | cps   |
| Chromium   | 52-2  | 460     | 417     | 460     | 446     | 5.62   | cps   |
| Cobalt     | 59-2  | 73      | 80      | 63      | 72      | 11.62  | cps   |
| Copper     | 63-2  | 517     | 533     | 450     | 500     | 8.82   | cps   |
| Dysprosium | 156-1 | 25      | 0       | 33      | 19      | 89.22  | cps   |
| Dysprosium | 156-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 0       | 33      | 33      | 22      | 86.60  | cps   |
| Erbium     | 164-2 | 7       | 3       | 7       | 6       | 34.70  | cps   |
| Gadolinium | 160-1 | 50      | 67      | 50      | 56      | 17.32  | cps   |
| Gadolinium | 160-2 | 10      | 3       | 7       | 7       | 50.03  | cps   |
| Holmium    | 165-1 | 7676372 | 7497208 | 7949516 | 7707699 | 2.96   | cps   |
| Holmium    | 165-2 | 2199499 | 2179004 | 2207846 | 2195450 | 0.68   | cps   |
| Indium     | 115-1 | 6455743 | 6257283 | 6708900 | 6473975 | 3.50   | cps   |
| Indium     | 115-2 | 364230  | 361054  | 361373  | 362219  | 0.48   | cps   |
| Iron       | 56-2  | 3934    | 3940    | 3739    | 3871    | 2.94   | cps   |
| Iron       | 57-2  | 161     | 78      | 100     | 113     | 38.20  | cps   |
| Krypton    | 83-1  | 337     | 380     | 377     | 364     | 6.62   | cps   |
| Lead       | 206-1 | 872     | 867     | 783     | 841     | 5.92   | cps   |
| Lead       | 207-1 | 789     | 895     | 667     | 783     | 14.55  | cps   |
| Lead       | 208-1 | 3378    | 3545    | 3250    | 3391    | 4.35   | cps   |
| Lithium    | 6-1   | 1606425 | 1577477 | 1656001 | 1613301 | 2.46   | cps   |
| Magnesium  | 24-2  | 508     | 417     | 392     | 439     | 14.00  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB069              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB069              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 14:46:03 | DataFile Name :   | 018CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 50      | 27      | 50      | 42      | 31.90  | cps   |
| Molybdenum | 94-1  | 2209    | 2142    | 1942    | 2097    | 6.62   | cps   |
| Molybdenum | 95-1  | 2584    | 2609    | 2225    | 2473    | 8.68   | cps   |
| Molybdenum | 96-1  | 2834    | 2700    | 2367    | 2634    | 9.13   | cps   |
| Molybdenum | 97-1  | 1642    | 1442    | 1458    | 1514    | 7.33   | cps   |
| Molybdenum | 98-1  | 4293    | 4009    | 3317    | 3873    | 12.95  | cps   |
| Neodymium  | 150-1 | 7       | 0       | 7       | 4       | 86.60  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 393     | 403     | 390     | 396     | 1.75   | cps   |
| Phosphorus | 31-2  | 8       | 0       | 0       | 3       | 173.21 | cps   |
| Potassium  | 39-2  | 3609    | 3517    | 3384    | 3503    | 3.23   | cps   |
| Rhodium    | 103-1 | 6196035 | 6024518 | 6393766 | 6204773 | 2.98   | cps   |
| Rhodium    | 103-2 | 2018488 | 1999953 | 1995435 | 2004625 | 0.61   | cps   |
| Scandium   | 45-1  | 4415279 | 4255791 | 4571785 | 4414285 | 3.58   | cps   |
| Scandium   | 45-2  | 38991   | 39125   | 38830   | 38982   | 0.38   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 6       | 4       | 4       | 4       | 24.86  | cps   |
| Selenium   | 82-1  | 237     | 202     | 236     | 225     | 8.73   | cps   |
| Silicon    | 28-1  | 282937  | 282478  | 279333  | 281582  | 0.70   | cps   |
| Silver     | 109-1 | 567     | 417     | 483     | 489     | 15.37  | cps   |
| Silver     | 107-1 | 317     | 442     | 275     | 344     | 25.18  | cps   |
| Sodium     | 23-2  | 11588   | 11355   | 11472   | 11472   | 1.02   | cps   |
| Strontium  | 86-1  | 650     | 658     | 675     | 661     | 1.93   | cps   |
| Strontium  | 88-1  | 492     | 375     | 425     | 431     | 13.59  | cps   |
| Sulfur     | 34-1  | 384790  | 389867  | 390344  | 388334  | 0.79   | cps   |
| Terbium    | 159-1 | 8147092 | 7811681 | 8247039 | 8068604 | 2.83   | cps   |
| Terbium    | 159-2 | 2169748 | 2128092 | 2176390 | 2158077 | 1.21   | cps   |
| Thallium   | 203-1 | 1475    | 1442    | 1225    | 1381    | 9.83   | cps   |
| Thallium   | 205-1 | 3442    | 3476    | 2959    | 3292    | 8.79   | cps   |
| Tin        | 118-1 | 1825    | 1775    | 1809    | 1803    | 1.41   | cps   |
| Titanium   | 47-1  | 242     | 250     | 225     | 239     | 5.33   | cps   |
| Uranium    | 238-1 | 433     | 417     | 333     | 394     | 13.58  | cps   |
| Vanadium   | 51-2  | 7       | 3       | 7       | 6       | 34.70  | cps   |
| Yttrium    | 89-1  | 6906197 | 6791185 | 7190172 | 6962518 | 2.95   | cps   |
| Yttrium    | 89-2  | 271374  | 268432  | 268815  | 269540  | 0.59   | cps   |
| Zinc       | 66-2  | 300     | 280     | 310     | 297     | 5.15   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB069              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB069              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 14:46:03 | DataFile Name :   | 018CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1859 | 1692 | 1842 | 1797    | 5.11   | cps   |
| Zirconium | 91-1 | 392  | 425  | 458  | 425     | 7.84   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 14:49:25 | DataFile Name :   | 019LLCC.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 190     | 203     | 183     | 192     | 5.27   | cps   |
| Antimony   | 121-1 | 18864   | 19740   | 18780   | 19128   | 2.78   | cps   |
| Arsenic    | 75-2  | 141     | 146     | 135     | 141     | 3.95   | cps   |
| Barium     | 135-1 | 17713   | 18171   | 18422   | 18102   | 1.99   | cps   |
| Barium     | 137-1 | 30970   | 30920   | 31513   | 31135   | 1.06   | cps   |
| Beryllium  | 9-1   | 2306    | 2156    | 2089    | 2184    | 5.08   | cps   |
| Bismuth    | 209-1 | 4950051 | 5207313 | 5354347 | 5170570 | 3.96   | cps   |
| Bismuth    | 209-2 | 1849824 | 1872574 | 1882411 | 1868270 | 0.89   | cps   |
| Boron      | 10-1  | 5810    | 6302    | 5985    | 6032    | 4.13   | cps   |
| Boron      | 11-1  | 28905   | 29097   | 29865   | 29289   | 1.73   | cps   |
| Cadmium    | 111-1 | 3170    | 2978    | 2979    | 3042    | 3.62   | cps   |
| Cadmium    | 106-1 | 1867    | 1809    | 1850    | 1842    | 1.63   | cps   |
| Cadmium    | 108-1 | 125     | 179     | 154     | 153     | 17.75  | cps   |
| Calcium    | 43-1  | 11564   | 11706   | 11322   | 11530   | 1.68   | cps   |
| Calcium    | 44-1  | 200471  | 200268  | 200395  | 200378  | 0.05   | cps   |
| Chromium   | 52-2  | 2560    | 2264    | 2484    | 2436    | 6.32   | cps   |
| Cobalt     | 59-2  | 2230    | 2077    | 2187    | 2165    | 3.65   | cps   |
| Copper     | 63-2  | 4174    | 4227    | 4167    | 4190    | 0.79   | cps   |
| Dysprosium | 156-1 | 0       | 25      | 8       | 11      | 114.58 | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 33      | 25      | 33      | 31      | 15.74  | cps   |
| Erbium     | 164-2 | 10      | 3       | 3       | 6       | 69.34  | cps   |
| Gadolinium | 160-1 | 8       | 75      | 42      | 42      | 80.00  | cps   |
| Gadolinium | 160-2 | 3       | 10      | 7       | 7       | 50.03  | cps   |
| Holmium    | 165-1 | 7350221 | 7789514 | 7969399 | 7703045 | 4.13   | cps   |
| Holmium    | 165-2 | 2214549 | 2221513 | 2245740 | 2227267 | 0.74   | cps   |
| Indium     | 115-1 | 6216886 | 6609960 | 6662309 | 6496385 | 3.75   | cps   |
| Indium     | 115-2 | 365010  | 367148  | 367441  | 366533  | 0.36   | cps   |
| Iron       | 56-2  | 37473   | 37061   | 37161   | 37232   | 0.58   | cps   |
| Iron       | 57-2  | 800     | 783     | 911     | 832     | 8.35   | cps   |
| Krypton    | 83-1  | 420     | 393     | 423     | 412     | 3.99   | cps   |
| Lead       | 206-1 | 5835    | 5796    | 6441    | 6024    | 6.00   | cps   |
| Lead       | 207-1 | 5435    | 5429    | 5535    | 5466    | 1.09   | cps   |
| Lead       | 208-1 | 24560   | 24316   | 25461   | 24779   | 2.43   | cps   |
| Lithium    | 6-1   | 1549433 | 1609051 | 1673201 | 1610562 | 3.84   | cps   |
| Magnesium  | 24-2  | 19789   | 19664   | 19631   | 19695   | 0.42   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 14:49:25 | DataFile Name :   | 019LLCC.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 350     | 363     | 393     | 369     | 6.02   | cps   |
| Molybdenum | 94-1  | 17262   | 16586   | 15977   | 16608   | 3.87   | cps   |
| Molybdenum | 95-1  | 19306   | 19473   | 19123   | 19301   | 0.91   | cps   |
| Molybdenum | 96-1  | 22411   | 22152   | 22236   | 22266   | 0.59   | cps   |
| Molybdenum | 97-1  | 12106   | 12089   | 12264   | 12153   | 0.80   | cps   |
| Molybdenum | 98-1  | 31145   | 31563   | 30811   | 31173   | 1.21   | cps   |
| Neodymium  | 150-1 | 7       | 27      | 7       | 13      | 86.58  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 1010    | 1030    | 1020    | 1020    | 0.98   | cps   |
| Phosphorus | 31-2  | 8       | 8       | 0       | 6       | 86.60  | cps   |
| Potassium  | 39-2  | 13557   | 13374   | 13299   | 13410   | 0.99   | cps   |
| Rhodium    | 103-1 | 5950298 | 6314220 | 6494971 | 6253163 | 4.44   | cps   |
| Rhodium    | 103-2 | 2023519 | 2032365 | 2045381 | 2033755 | 0.54   | cps   |
| Scandium   | 45-1  | 4319364 | 4484058 | 4673227 | 4492216 | 3.94   | cps   |
| Scandium   | 45-2  | 40131   | 39880   | 39242   | 39751   | 1.15   | cps   |
| Selenium   | 77-2  | 3       | 10      | 10      | 8       | 49.52  | cps   |
| Selenium   | 78-2  | 13      | 20      | 26      | 20      | 32.94  | cps   |
| Selenium   | 82-1  | 889     | 937     | 884     | 903     | 3.22   | cps   |
| Silicon    | 28-1  | 351997  | 355043  | 354610  | 353883  | 0.47   | cps   |
| Silver     | 109-1 | 8962    | 9712    | 9337    | 9337    | 4.02   | cps   |
| Silver     | 107-1 | 9629    | 9721    | 9796    | 9715    | 0.86   | cps   |
| Sodium     | 23-2  | 52355   | 52782   | 52556   | 52564   | 0.41   | cps   |
| Strontium  | 86-1  | 3267    | 3267    | 3401    | 3312    | 2.33   | cps   |
| Strontium  | 88-1  | 21693   | 22094   | 21351   | 21713   | 1.71   | cps   |
| Sulfur     | 34-1  | 389921  | 389022  | 394483  | 391142  | 0.75   | cps   |
| Terbium    | 159-1 | 7736689 | 8207127 | 8442803 | 8128873 | 4.42   | cps   |
| Terbium    | 159-2 | 2168970 | 2182553 | 2168609 | 2173377 | 0.37   | cps   |
| Thallium   | 203-1 | 7136    | 7603    | 7152    | 7297    | 3.63   | cps   |
| Thallium   | 205-1 | 17997   | 18080   | 17605   | 17894   | 1.42   | cps   |
| Tin        | 118-1 | 30669   | 30669   | 30469   | 30603   | 0.38   | cps   |
| Titanium   | 47-1  | 5935    | 5601    | 6093    | 5876    | 4.27   | cps   |
| Uranium    | 238-1 | 20843   | 21394   | 21736   | 21325   | 2.11   | cps   |
| Vanadium   | 51-2  | 3444    | 3450    | 3581    | 3492    | 2.21   | cps   |
| Yttrium    | 89-1  | 6742044 | 7095607 | 7261676 | 7033109 | 3.77   | cps   |
| Yttrium    | 89-2  | 271505  | 271943  | 272281  | 271910  | 0.14   | cps   |
| Zinc       | 66-2  | 620     | 633     | 620     | 624     | 1.23   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 14:49:25 | DataFile Name :   | 019LLCC.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 90-1 | 16819 | 16302 | 16219 | 16447   | 1.98   | cps   |
| Zirconium | 91-1 | 3709  | 3792  | 3642  | 3715    | 2.02   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5079-06A           | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAK64A             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 14:52:47 | DataFile Name :   | 020SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 1478    | 1490    | 1460    | 1476    | 1.02   | cps   |
| Antimony   | 121-1 | 2034    | 2100    | 2284    | 2139    | 6.05   | cps   |
| Arsenic    | 75-2  | 1044    | 1000    | 1069    | 1038    | 3.35   | cps   |
| Barium     | 135-1 | 73178   | 74594   | 73010   | 73594   | 1.18   | cps   |
| Barium     | 137-1 | 126332  | 127181  | 127502  | 127005  | 0.48   | cps   |
| Beryllium  | 9-1   | 311     | 289     | 367     | 322     | 12.43  | cps   |
| Bismuth    | 209-1 | 5378763 | 5246507 | 5597370 | 5407546 | 3.28   | cps   |
| Bismuth    | 209-2 | 1922234 | 1927872 | 1902229 | 1917445 | 0.70   | cps   |
| Boron      | 10-1  | 60478   | 60771   | 61750   | 61000   | 1.09   | cps   |
| Boron      | 11-1  | 291839  | 300357  | 298718  | 296971  | 1.52   | cps   |
| Cadmium    | 111-1 | 1321    | 1292    | 1337    | 1317    | 1.75   | cps   |
| Cadmium    | 106-1 | 1875    | 1817    | 1884    | 1859    | 1.95   | cps   |
| Cadmium    | 108-1 | 42      | 25      | 21      | 29      | 37.81  | cps   |
| Calcium    | 43-1  | 564575  | 562004  | 561074  | 562551  | 0.32   | cps   |
| Calcium    | 44-1  | 9256839 | 9185261 | 9232738 | 9224946 | 0.39   | cps   |
| Chromium   | 52-2  | 667     | 483     | 627     | 592     | 16.28  | cps   |
| Cobalt     | 59-2  | 453     | 553     | 527     | 511     | 10.13  | cps   |
| Copper     | 63-2  | 2844    | 2980    | 2647    | 2824    | 5.94   | cps   |
| Dysprosium | 156-1 | 467     | 425     | 483     | 458     | 6.56   | cps   |
| Dysprosium | 156-2 | 117     | 97      | 113     | 109     | 9.84   | cps   |
| Erbium     | 164-1 | 308     | 467     | 383     | 386     | 20.51  | cps   |
| Erbium     | 164-2 | 93      | 90      | 87      | 90      | 3.71   | cps   |
| Gadolinium | 160-1 | 500     | 558     | 508     | 522     | 6.04   | cps   |
| Gadolinium | 160-2 | 120     | 157     | 120     | 132     | 16.01  | cps   |
| Holmium    | 165-1 | 8407863 | 8220787 | 8405075 | 8344575 | 1.28   | cps   |
| Holmium    | 165-2 | 2305702 | 2341867 | 2285357 | 2310975 | 1.24   | cps   |
| Indium     | 115-1 | 7096350 | 6878700 | 7070903 | 7015318 | 1.70   | cps   |
| Indium     | 115-2 | 379034  | 381452  | 378700  | 379729  | 0.40   | cps   |
| Iron       | 56-2  | 162720  | 162196  | 161912  | 162276  | 0.25   | cps   |
| Iron       | 57-2  | 4040    | 4234    | 3967    | 4080    | 3.38   | cps   |
| Krypton    | 83-1  | 447     | 363     | 447     | 419     | 11.48  | cps   |
| Lead       | 206-1 | 2400    | 2250    | 2078    | 2243    | 7.19   | cps   |
| Lead       | 207-1 | 2128    | 1922    | 2050    | 2034    | 5.10   | cps   |
| Lead       | 208-1 | 9452    | 9185    | 9002    | 9213    | 2.46   | cps   |
| Lithium    | 6-1   | 1736414 | 1701552 | 1732908 | 1723625 | 1.11   | cps   |
| Magnesium  | 24-2  | 247999  | 250953  | 247050  | 248667  | 0.82   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5079-06A           | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAK64A             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 14:52:47 | DataFile Name :   | 020SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 15949    | 16033    | 15953    | 15978    | 0.30   | cps   |
| Molybdenum | 94-1  | 16728    | 17337    | 16477    | 16847    | 2.62   | cps   |
| Molybdenum | 95-1  | 25308    | 25542    | 24840    | 25230    | 1.42   | cps   |
| Molybdenum | 96-1  | 27120    | 27203    | 26360    | 26894    | 1.73   | cps   |
| Molybdenum | 97-1  | 15134    | 15351    | 14642    | 15042    | 2.42   | cps   |
| Molybdenum | 98-1  | 40403    | 40093    | 40052    | 40183    | 0.48   | cps   |
| Neodymium  | 150-1 | 880      | 733      | 660      | 758      | 14.78  | cps   |
| Neodymium  | 150-2 | 113      | 117      | 137      | 122      | 10.32  | cps   |
| Nickel     | 60-2  | 713      | 687      | 683      | 694      | 2.37   | cps   |
| Phosphorus | 31-2  | 25       | 17       | 67       | 36       | 74.18  | cps   |
| Potassium  | 39-2  | 62816    | 63887    | 62381    | 63028    | 1.23   | cps   |
| Rhodium    | 103-1 | 6634148  | 6471106  | 6655069  | 6586774  | 1.53   | cps   |
| Rhodium    | 103-2 | 2060782  | 2094317  | 2105929  | 2087009  | 1.12   | cps   |
| Scandium   | 45-1  | 4834905  | 4701576  | 4895277  | 4810586  | 2.06   | cps   |
| Scandium   | 45-2  | 41919    | 41558    | 41963    | 41813    | 0.53   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 6        | 7        | 0        | 4        | 89.21  | cps   |
| Selenium   | 82-1  | 242      | 269      | 283      | 265      | 7.83   | cps   |
| Silicon    | 28-1  | 24401685 | 24429025 | 24035019 | 24288576 | 0.91   | cps   |
| Silver     | 109-1 | 125      | 192      | 100      | 139      | 34.12  | cps   |
| Silver     | 107-1 | 242      | 242      | 250      | 244      | 1.97   | cps   |
| Sodium     | 23-2  | 2685322  | 2643781  | 2665495  | 2664866  | 0.78   | cps   |
| Strontium  | 86-1  | 601112   | 597713   | 598719   | 599181   | 0.29   | cps   |
| Strontium  | 88-1  | 5254736  | 5226298  | 5193168  | 5224734  | 0.59   | cps   |
| Sulfur     | 34-1  | 816577   | 820225   | 808705   | 815169   | 0.72   | cps   |
| Terbium    | 159-1 | 8660498  | 8594055  | 8802647  | 8685733  | 1.23   | cps   |
| Terbium    | 159-2 | 2243632  | 2263372  | 2235121  | 2247375  | 0.64   | cps   |
| Thallium   | 203-1 | 808      | 717      | 608      | 711      | 14.08  | cps   |
| Thallium   | 205-1 | 1600     | 1834     | 1492     | 1642     | 10.64  | cps   |
| Tin        | 118-1 | 2409     | 2242     | 2342     | 2331     | 3.60   | cps   |
| Titanium   | 47-1  | 6660     | 6377     | 6544     | 6527     | 2.18   | cps   |
| Uranium    | 238-1 | 197674   | 197651   | 195743   | 197023   | 0.56   | cps   |
| Vanadium   | 51-2  | 2370     | 2350     | 2350     | 2357     | 0.49   | cps   |
| Yttrium    | 89-1  | 7563891  | 7396195  | 7600205  | 7520097  | 1.45   | cps   |
| Yttrium    | 89-2  | 280533   | 284652   | 282996   | 282727   | 0.73   | cps   |
| Zinc       | 66-2  | 3344     | 3404     | 3467     | 3405     | 1.81   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5079-06A           | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAK64A             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 14:52:47 | DataFile Name :   | 020SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 8620 | 7594 | 7846 | 8020    | 6.66   | cps   |
| Zirconium | 91-1 | 1975 | 1625 | 1417 | 1672    | 16.87  | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB98345             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV070              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV070              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-10-03 15:11:49 | DataFile Name :   | 021CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 442513   | 438064   | 441366   | 440648   | 0.52   | cps   |
| Antimony   | 121-1 | 4352914  | 4308959  | 4291484  | 4317785  | 0.73   | cps   |
| Arsenic    | 75-2  | 60556    | 59513    | 60398    | 60155    | 0.93   | cps   |
| Barium     | 135-1 | 4570628  | 4599461  | 4570921  | 4580337  | 0.36   | cps   |
| Barium     | 137-1 | 8007842  | 7997175  | 8066419  | 8023812  | 0.46   | cps   |
| Beryllium  | 9-1   | 888054   | 882150   | 884634   | 884946   | 0.33   | cps   |
| Bismuth    | 209-1 | 4966183  | 5143451  | 5104635  | 5071423  | 1.84   | cps   |
| Bismuth    | 209-2 | 1730584  | 1709702  | 1744758  | 1728348  | 1.02   | cps   |
| Boron      | 10-1  | 98402    | 100132   | 102657   | 100397   | 2.13   | cps   |
| Boron      | 11-1  | 468452   | 476604   | 481301   | 475452   | 1.37   | cps   |
| Cadmium    | 111-1 | 960525   | 957860   | 953565   | 957316   | 0.37   | cps   |
| Cadmium    | 106-1 | 104017   | 104311   | 105940   | 104756   | 0.99   | cps   |
| Cadmium    | 108-1 | 69633    | 70173    | 69290    | 69699    | 0.64   | cps   |
| Calcium    | 43-1  | 5594107  | 5617107  | 5559473  | 5590229  | 0.52   | cps   |
| Calcium    | 44-1  | 91864408 | 92012283 | 91706748 | 91861146 | 0.17   | cps   |
| Chromium   | 52-2  | 504438   | 501710   | 504748   | 503632   | 0.33   | cps   |
| Cobalt     | 59-2  | 1018546  | 1007726  | 1012286  | 1012853  | 0.54   | cps   |
| Copper     | 63-2  | 1680129  | 1697150  | 1696272  | 1691183  | 0.57   | cps   |
| Dysprosium | 156-1 | 142      | 92       | 150      | 128      | 24.69  | cps   |
| Dysprosium | 156-2 | 13       | 17       | 27       | 19       | 36.75  | cps   |
| Erbium     | 164-1 | 33       | 125      | 67       | 75       | 61.87  | cps   |
| Erbium     | 164-2 | 27       | 7        | 27       | 20       | 57.73  | cps   |
| Gadolinium | 160-1 | 150      | 142      | 158      | 150      | 5.56   | cps   |
| Gadolinium | 160-2 | 23       | 33       | 33       | 30       | 19.25  | cps   |
| Holmium    | 165-1 | 8033786  | 8078138  | 8195284  | 8102403  | 1.03   | cps   |
| Holmium    | 165-2 | 2231083  | 2178132  | 2240550  | 2216588  | 1.52   | cps   |
| Indium     | 115-1 | 6445710  | 6577812  | 6570358  | 6531293  | 1.14   | cps   |
| Indium     | 115-2 | 347778   | 341201   | 348398   | 345792   | 1.15   | cps   |
| Iron       | 56-2  | 82757766 | 82479696 | 82112677 | 82450046 | 0.39   | cps   |
| Iron       | 57-2  | 2125179  | 2073679  | 2084780  | 2094546  | 1.29   | cps   |
| Krypton    | 83-1  | 413      | 483      | 317      | 404      | 20.69  | cps   |
| Lead       | 206-1 | 2642592  | 2623322  | 2644788  | 2636901  | 0.45   | cps   |
| Lead       | 207-1 | 2409575  | 2403299  | 2452826  | 2421900  | 1.11   | cps   |
| Lead       | 208-1 | 10807117 | 10790601 | 10816741 | 10804819 | 0.12   | cps   |
| Lithium    | 6-1   | 1621525  | 1663436  | 1640137  | 1641700  | 1.28   | cps   |
| Magnesium  | 24-2  | 9212733  | 9193005  | 9131057  | 9178932  | 0.46   | cps   |



|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB98345             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV070              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV070              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-10-03 15:11:49 | DataFile Name :   | 021CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 295388   | 293728   | 293139   | 294085   | 0.40   | cps   |
| Molybdenum | 94-1  | 7843811  | 7677660  | 7690153  | 7737208  | 1.20   | cps   |
| Molybdenum | 95-1  | 9564761  | 9424839  | 9467790  | 9485797  | 0.76   | cps   |
| Molybdenum | 96-1  | 10649989 | 10527210 | 10533404 | 10570201 | 0.65   | cps   |
| Molybdenum | 97-1  | 5944535  | 5892911  | 5983901  | 5940449  | 0.77   | cps   |
| Molybdenum | 98-1  | 15166613 | 15005593 | 15155134 | 15109113 | 0.59   | cps   |
| Neodymium  | 150-1 | 287      | 320      | 313      | 307      | 5.75   | cps   |
| Neodymium  | 150-2 | 23       | 33       | 27       | 28       | 18.33  | cps   |
| Nickel     | 60-2  | 299615   | 297993   | 297250   | 298286   | 0.41   | cps   |
| Phosphorus | 31-2  | 5635     | 5985     | 5843     | 5821     | 3.03   | cps   |
| Potassium  | 39-2  | 2538142  | 2512290  | 2549284  | 2533239  | 0.75   | cps   |
| Rhodium    | 103-1 | 5953458  | 6049840  | 6130104  | 6044467  | 1.46   | cps   |
| Rhodium    | 103-2 | 1913694  | 1873541  | 1885454  | 1890896  | 1.09   | cps   |
| Scandium   | 45-1  | 4516645  | 4655333  | 4725620  | 4632532  | 2.30   | cps   |
| Scandium   | 45-2  | 39044    | 39252    | 39967    | 39421    | 1.23   | cps   |
| Selenium   | 77-2  | 447      | 430      | 437      | 438      | 1.92   | cps   |
| Selenium   | 78-2  | 1378     | 1465     | 1563     | 1469     | 6.31   | cps   |
| Selenium   | 82-1  | 63616    | 63628    | 63780    | 63674    | 0.14   | cps   |
| Silicon    | 28-1  | 2828838  | 2885371  | 2873128  | 2862446  | 1.04   | cps   |
| Silver     | 109-1 | 4595622  | 4580304  | 4490155  | 4555360  | 1.25   | cps   |
| Silver     | 107-1 | 4837967  | 4817811  | 4812453  | 4822744  | 0.28   | cps   |
| Sodium     | 23-2  | 20512952 | 20291620 | 20368183 | 20390918 | 0.55   | cps   |
| Strontium  | 86-1  | 1217968  | 1217221  | 1207931  | 1214373  | 0.46   | cps   |
| Strontium  | 88-1  | 10578520 | 10464029 | 10529559 | 10524036 | 0.55   | cps   |
| Sulfur     | 34-1  | 776191   | 774715   | 766465   | 772457   | 0.68   | cps   |
| Terbium    | 159-1 | 8320712  | 8523384  | 8508012  | 8450703  | 1.34   | cps   |
| Terbium    | 159-2 | 2151204  | 2122054  | 2167311  | 2146856  | 1.07   | cps   |
| Thallium   | 203-1 | 3332977  | 3329403  | 3321837  | 3328072  | 0.17   | cps   |
| Thallium   | 205-1 | 7755826  | 7808212  | 7828974  | 7797671  | 0.48   | cps   |
| Tin        | 118-1 | 2975491  | 2957232  | 2980537  | 2971087  | 0.41   | cps   |
| Titanium   | 47-1  | 2848676  | 2814703  | 2824391  | 2829257  | 0.62   | cps   |
| Uranium    | 238-1 | 10401056 | 10397700 | 10303677 | 10367478 | 0.53   | cps   |
| Vanadium   | 51-2  | 366339   | 361911   | 368039   | 365430   | 0.87   | cps   |
| Yttrium    | 89-1  | 7198856  | 7274039  | 7336443  | 7269779  | 0.95   | cps   |
| Yttrium    | 89-2  | 266444   | 265001   | 270707   | 267384   | 1.11   | cps   |
| Zinc       | 66-2  | 172454   | 171968   | 172288   | 172237   | 0.14   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB98345             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV070              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV070              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-10-03 15:11:49 | DataFile Name :   | 021CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 6617492 | 6523095 | 6570642 | 6570410 | 0.72   | cps   |
| Zirconium | 91-1 | 1509003 | 1479313 | 1506739 | 1498352 | 1.10   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB070              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB070              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:17:58 | DataFile Name :   | 022CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 13      | 23      | 20      | 18      | 28.41  | cps   |
| Antimony   | 121-1 | 3259    | 3234    | 3259    | 3251    | 0.44   | cps   |
| Arsenic    | 75-2  | 6       | 7       | 11      | 8       | 35.21  | cps   |
| Barium     | 135-1 | 50      | 67      | 50      | 56      | 17.32  | cps   |
| Barium     | 137-1 | 50      | 117     | 75      | 81      | 41.81  | cps   |
| Beryllium  | 9-1   | 322     | 444     | 383     | 383     | 15.94  | cps   |
| Bismuth    | 209-1 | 5187165 | 5159536 | 5265048 | 5203916 | 1.05   | cps   |
| Bismuth    | 209-2 | 1870844 | 1826808 | 1815714 | 1837789 | 1.59   | cps   |
| Boron      | 10-1  | 1867    | 1692    | 1867    | 1809    | 5.59   | cps   |
| Boron      | 11-1  | 9170    | 8953    | 8853    | 8992    | 1.80   | cps   |
| Cadmium    | 111-1 | 1124    | 1275    | 1302    | 1233    | 7.77   | cps   |
| Cadmium    | 106-1 | 1600    | 1792    | 1850    | 1747    | 7.49   | cps   |
| Cadmium    | 108-1 | 13      | 13      | 8       | 11      | 21.67  | cps   |
| Calcium    | 43-1  | 425     | 467     | 408     | 433     | 6.93   | cps   |
| Calcium    | 44-1  | 18012   | 18363   | 18012   | 18129   | 1.12   | cps   |
| Chromium   | 52-2  | 397     | 473     | 517     | 462     | 13.15  | cps   |
| Cobalt     | 59-2  | 57      | 53      | 77      | 62      | 20.29  | cps   |
| Copper     | 63-2  | 430     | 450     | 360     | 413     | 11.43  | cps   |
| Dysprosium | 156-1 | 8       | 25      | 25      | 19      | 49.50  | cps   |
| Dysprosium | 156-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 8       | 67      | 50      | 42      | 72.12  | cps   |
| Erbium     | 164-2 | 13      | 10      | 3       | 9       | 57.30  | cps   |
| Gadolinium | 160-1 | 58      | 67      | 100     | 75      | 29.40  | cps   |
| Gadolinium | 160-2 | 13      | 13      | 3       | 10      | 57.75  | cps   |
| Holmium    | 165-1 | 7849530 | 7796253 | 7909610 | 7851797 | 0.72   | cps   |
| Holmium    | 165-2 | 2231754 | 2177491 | 2166403 | 2191883 | 1.60   | cps   |
| Indium     | 115-1 | 6720360 | 6601986 | 6719568 | 6680638 | 1.02   | cps   |
| Indium     | 115-2 | 367566  | 357449  | 360998  | 362004  | 1.42   | cps   |
| Iron       | 56-2  | 2322    | 2278    | 2267    | 2289    | 1.28   | cps   |
| Iron       | 57-2  | 78      | 67      | 78      | 74      | 8.66   | cps   |
| Krypton    | 83-1  | 370     | 353     | 340     | 354     | 4.24   | cps   |
| Lead       | 206-1 | 600     | 561     | 589     | 583     | 3.43   | cps   |
| Lead       | 207-1 | 567     | 528     | 578     | 557     | 4.71   | cps   |
| Lead       | 208-1 | 2489    | 2139    | 2256    | 2295    | 7.77   | cps   |
| Lithium    | 6-1   | 1672007 | 1652721 | 1668540 | 1664423 | 0.62   | cps   |
| Magnesium  | 24-2  | 333     | 408     | 467     | 403     | 16.60  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB070              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB070              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:17:58 | DataFile Name :   | 022CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 47      | 37      | 50      | 44      | 15.61  | cps   |
| Molybdenum | 94-1  | 1258    | 1167    | 1267    | 1231    | 4.51   | cps   |
| Molybdenum | 95-1  | 1183    | 1042    | 975     | 1067    | 9.97   | cps   |
| Molybdenum | 96-1  | 1283    | 1317    | 1167    | 1256    | 6.27   | cps   |
| Molybdenum | 97-1  | 800     | 675     | 775     | 750     | 8.82   | cps   |
| Molybdenum | 98-1  | 1867    | 1617    | 1483    | 1656    | 11.76  | cps   |
| Neodymium  | 150-1 | 7       | 20      | 0       | 9       | 114.55 | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 337     | 377     | 383     | 366     | 6.90   | cps   |
| Phosphorus | 31-2  | 8       | 8       | 0       | 6       | 86.60  | cps   |
| Potassium  | 39-2  | 3576    | 3492    | 3401    | 3489    | 2.51   | cps   |
| Rhodium    | 103-1 | 6417252 | 6288652 | 6358113 | 6354672 | 1.01   | cps   |
| Rhodium    | 103-2 | 2054157 | 1999416 | 2025131 | 2026235 | 1.35   | cps   |
| Scandium   | 45-1  | 4557901 | 4504084 | 4558979 | 4540321 | 0.69   | cps   |
| Scandium   | 45-2  | 40719   | 39419   | 39141   | 39760   | 2.12   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 0       | 4       | 2       | 2       | 100.00 | cps   |
| Selenium   | 82-1  | 242     | 283     | 223     | 250     | 12.31  | cps   |
| Silicon    | 28-1  | 280802  | 283617  | 286193  | 283537  | 0.95   | cps   |
| Silver     | 109-1 | 100     | 133     | 158     | 131     | 22.42  | cps   |
| Silver     | 107-1 | 158     | 242     | 92      | 164     | 45.86  | cps   |
| Sodium     | 23-2  | 10896   | 11197   | 10404   | 10832   | 3.69   | cps   |
| Strontium  | 86-1  | 600     | 717     | 550     | 622     | 13.75  | cps   |
| Strontium  | 88-1  | 233     | 333     | 333     | 300     | 19.24  | cps   |
| Sulfur     | 34-1  | 407444  | 408930  | 408724  | 408366  | 0.20   | cps   |
| Terbium    | 159-1 | 8232081 | 8214473 | 8308745 | 8251766 | 0.61   | cps   |
| Terbium    | 159-2 | 2150412 | 2128124 | 2142511 | 2140349 | 0.53   | cps   |
| Thallium   | 203-1 | 783     | 975     | 767     | 842     | 13.76  | cps   |
| Thallium   | 205-1 | 1875    | 1684    | 1734    | 1764    | 5.64   | cps   |
| Tin        | 118-1 | 2200    | 1967    | 2209    | 2125    | 6.45   | cps   |
| Titanium   | 47-1  | 125     | 142     | 158     | 142     | 11.76  | cps   |
| Uranium    | 238-1 | 67      | 108     | 83      | 86      | 24.35  | cps   |
| Vanadium   | 51-2  | 0       | 3       | 10      | 4       | 114.60 | cps   |
| Yttrium    | 89-1  | 7187626 | 7065954 | 7201528 | 7151703 | 1.04   | cps   |
| Yttrium    | 89-2  | 272074  | 266556  | 268246  | 268959  | 1.05   | cps   |
| Zinc       | 66-2  | 140     | 133     | 140     | 138     | 2.79   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB070              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB070              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:17:58 | DataFile Name :   | 022CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1892 | 1875 | 1900 | 1889    | 0.67   | cps   |
| Zirconium | 91-1 | 375  | 575  | 367  | 439     | 26.88  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB113245BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:21:20 | DataFile Name :   | 023CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 20      | 25      | 15      | 20      | 25.02  | cps   |
| Antimony   | 121-1 | 1175    | 1142    | 1300    | 1206    | 6.92   | cps   |
| Arsenic    | 75-2  | 4       | 11      | 6       | 7       | 56.78  | cps   |
| Barium     | 135-1 | 42      | 67      | 33      | 47      | 36.74  | cps   |
| Barium     | 137-1 | 50      | 50      | 75      | 58      | 24.74  | cps   |
| Beryllium  | 9-1   | 339     | 278     | 367     | 328     | 13.87  | cps   |
| Bismuth    | 209-1 | 5153329 | 5202677 | 5147409 | 5167805 | 0.59   | cps   |
| Bismuth    | 209-2 | 1678139 | 1862444 | 1827715 | 1789433 | 5.47   | cps   |
| Boron      | 10-1  | 1075    | 1283    | 1192    | 1183    | 8.82   | cps   |
| Boron      | 11-1  | 6160    | 6018    | 6285    | 6154    | 2.17   | cps   |
| Cadmium    | 111-1 | 1113    | 1316    | 1168    | 1199    | 8.73   | cps   |
| Cadmium    | 106-1 | 1575    | 1867    | 1650    | 1697    | 8.92   | cps   |
| Cadmium    | 108-1 | 8       | 17      | 17      | 14      | 34.67  | cps   |
| Calcium    | 43-1  | 392     | 592     | 442     | 475     | 21.91  | cps   |
| Calcium    | 44-1  | 18087   | 17812   | 18321   | 18073   | 1.41   | cps   |
| Chromium   | 52-2  | 477     | 437     | 453     | 456     | 4.41   | cps   |
| Cobalt     | 59-2  | 60      | 63      | 70      | 64      | 7.90   | cps   |
| Copper     | 63-2  | 430     | 433     | 367     | 410     | 9.16   | cps   |
| Dysprosium | 156-1 | 8       | 8       | 25      | 14      | 69.31  | cps   |
| Dysprosium | 156-2 | 7       | 0       | 0       | 2       | 173.21 | cps   |
| Erbium     | 164-1 | 17      | 25      | 33      | 25      | 33.32  | cps   |
| Erbium     | 164-2 | 3       | 10      | 3       | 6       | 69.34  | cps   |
| Gadolinium | 160-1 | 17      | 100     | 67      | 61      | 68.63  | cps   |
| Gadolinium | 160-2 | 10      | 10      | 0       | 7       | 86.60  | cps   |
| Holmium    | 165-1 | 7774346 | 7807449 | 7747250 | 7776348 | 0.39   | cps   |
| Holmium    | 165-2 | 2038341 | 2197873 | 2166328 | 2134181 | 3.96   | cps   |
| Indium     | 115-1 | 6516765 | 6574313 | 6624607 | 6571895 | 0.82   | cps   |
| Indium     | 115-2 | 335588  | 361049  | 357265  | 351301  | 3.91   | cps   |
| Iron       | 56-2  | 2011    | 1856    | 2100    | 1989    | 6.22   | cps   |
| Iron       | 57-2  | 17      | 33      | 78      | 43      | 74.17  | cps   |
| Krypton    | 83-1  | 407     | 457     | 387     | 417     | 8.65   | cps   |
| Lead       | 206-1 | 489     | 439     | 456     | 461     | 5.52   | cps   |
| Lead       | 207-1 | 417     | 439     | 428     | 428     | 2.60   | cps   |
| Lead       | 208-1 | 2039    | 1878    | 1939    | 1952    | 4.17   | cps   |
| Lithium    | 6-1   | 1636227 | 1635136 | 1641935 | 1637766 | 0.22   | cps   |
| Magnesium  | 24-2  | 425     | 500     | 333     | 419     | 19.90  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB113245BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:21:20 | DataFile Name :   | 023CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 23      | 23      | 50      | 32      | 47.79  | cps   |
| Molybdenum | 94-1  | 825     | 942     | 875     | 881     | 6.65   | cps   |
| Molybdenum | 95-1  | 517     | 433     | 575     | 508     | 14.00  | cps   |
| Molybdenum | 96-1  | 592     | 667     | 642     | 633     | 6.03   | cps   |
| Molybdenum | 97-1  | 400     | 358     | 383     | 381     | 5.51   | cps   |
| Molybdenum | 98-1  | 742     | 875     | 783     | 800     | 8.53   | cps   |
| Neodymium  | 150-1 | 13      | 13      | 13      | 13      | 0.00   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 320     | 347     | 373     | 347     | 7.69   | cps   |
| Phosphorus | 31-2  | 0       | 8       | 0       | 3       | 173.21 | cps   |
| Potassium  | 39-2  | 3442    | 3417    | 3509    | 3456    | 1.37   | cps   |
| Rhodium    | 103-1 | 6329877 | 6398455 | 6262777 | 6330370 | 1.07   | cps   |
| Rhodium    | 103-2 | 1844022 | 2009727 | 1996802 | 1950184 | 4.73   | cps   |
| Scandium   | 45-1  | 4486847 | 4537193 | 4516679 | 4513573 | 0.56   | cps   |
| Scandium   | 45-2  | 36164   | 39075   | 38526   | 37922   | 4.08   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 0       | 6       | 7       | 4       | 89.21  | cps   |
| Selenium   | 82-1  | 230     | 167     | 200     | 199     | 15.91  | cps   |
| Silicon    | 28-1  | 286587  | 284202  | 284601  | 285130  | 0.45   | cps   |
| Silver     | 109-1 | 75      | 50      | 125     | 83      | 45.83  | cps   |
| Silver     | 107-1 | 200     | 142     | 133     | 158     | 22.94  | cps   |
| Sodium     | 23-2  | 10029   | 10521   | 9946    | 10165   | 3.06   | cps   |
| Strontium  | 86-1  | 625     | 700     | 725     | 683     | 7.62   | cps   |
| Strontium  | 88-1  | 250     | 392     | 300     | 314     | 22.89  | cps   |
| Sulfur     | 34-1  | 413068  | 408525  | 415814  | 412469  | 0.89   | cps   |
| Terbium    | 159-1 | 8141173 | 8211151 | 8123990 | 8158771 | 0.57   | cps   |
| Terbium    | 159-2 | 1969365 | 2116228 | 2091534 | 2059042 | 3.82   | cps   |
| Thallium   | 203-1 | 600     | 583     | 558     | 581     | 3.61   | cps   |
| Thallium   | 205-1 | 1325    | 1225    | 1500    | 1350    | 10.31  | cps   |
| Tin        | 118-1 | 1583    | 1617    | 1792    | 1664    | 6.73   | cps   |
| Titanium   | 47-1  | 125     | 92      | 133     | 117     | 18.90  | cps   |
| Uranium    | 238-1 | 17      | 42      | 83      | 47      | 71.32  | cps   |
| Vanadium   | 51-2  | 3       | 3       | 10      | 6       | 69.34  | cps   |
| Yttrium    | 89-1  | 6977808 | 7131756 | 7141534 | 7083699 | 1.30   | cps   |
| Yttrium    | 89-2  | 247611  | 264564  | 264202  | 258792  | 3.74   | cps   |
| Zinc       | 66-2  | 173     | 143     | 113     | 143     | 20.93  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB113245BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PBS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:21:20 | DataFile Name :   | 023CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1450 | 1575 | 1650 | 1558    | 6.48   | cps   |
| Zirconium | 91-1 | 333  | 408  | 300  | 347     | 15.98  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB113245BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:24:42 | DataFile Name :   | 024LCSE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 280     | 385     | 328     | 331     | 15.89  | cps   |
| Antimony   | 121-1 | 28490   | 29033   | 30043   | 29189   | 2.70   | cps   |
| Arsenic    | 75-2  | 222     | 217     | 244     | 228     | 6.45   | cps   |
| Barium     | 135-1 | 34329   | 33928   | 34020   | 34092   | 0.62   | cps   |
| Barium     | 137-1 | 60607   | 60447   | 58488   | 59847   | 1.97   | cps   |
| Beryllium  | 9-1   | 3462    | 3689    | 3567    | 3573    | 3.19   | cps   |
| Bismuth    | 209-1 | 5159284 | 5173993 | 5128730 | 5154002 | 0.45   | cps   |
| Bismuth    | 209-2 | 1786526 | 1851490 | 1871106 | 1836374 | 2.41   | cps   |
| Boron      | 10-1  | 9745    | 10329   | 9820    | 9965    | 3.19   | cps   |
| Boron      | 11-1  | 45172   | 47480   | 46911   | 46521   | 2.58   | cps   |
| Cadmium    | 111-1 | 4635    | 4629    | 4804    | 4689    | 2.12   | cps   |
| Cadmium    | 106-1 | 1992    | 2000    | 1950    | 1981    | 1.35   | cps   |
| Cadmium    | 108-1 | 246     | 246     | 321     | 271     | 15.99  | cps   |
| Calcium    | 43-1  | 21593   | 21868   | 21943   | 21801   | 0.85   | cps   |
| Calcium    | 44-1  | 358894  | 357504  | 365625  | 360674  | 1.20   | cps   |
| Chromium   | 52-2  | 4184    | 4431    | 4184    | 4266    | 3.34   | cps   |
| Cobalt     | 59-2  | 4014    | 4164    | 3841    | 4006    | 4.04   | cps   |
| Copper     | 63-2  | 6959    | 7095    | 7292    | 7115    | 2.36   | cps   |
| Dysprosium | 156-1 | 8       | 8       | 17      | 11      | 43.34  | cps   |
| Dysprosium | 156-2 | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Erbium     | 164-1 | 25      | 33      | 8       | 22      | 57.29  | cps   |
| Erbium     | 164-2 | 0       | 13      | 3       | 6       | 124.93 | cps   |
| Gadolinium | 160-1 | 42      | 100     | 108     | 83      | 43.59  | cps   |
| Gadolinium | 160-2 | 10      | 3       | 7       | 7       | 50.03  | cps   |
| Holmium    | 165-1 | 7710649 | 7941582 | 7809795 | 7820675 | 1.48   | cps   |
| Holmium    | 165-2 | 2174721 | 2238538 | 2259876 | 2224378 | 1.99   | cps   |
| Indium     | 115-1 | 6557046 | 6607961 | 6646565 | 6603857 | 0.68   | cps   |
| Indium     | 115-2 | 354801  | 362585  | 371689  | 363025  | 2.33   | cps   |
| Iron       | 56-2  | 256987  | 257229  | 257688  | 257302  | 0.14   | cps   |
| Iron       | 57-2  | 6429    | 6268    | 6768    | 6489    | 3.93   | cps   |
| Krypton    | 83-1  | 397     | 437     | 350     | 394     | 11.00  | cps   |
| Lead       | 206-1 | 9899    | 9732    | 10438   | 10023   | 3.68   | cps   |
| Lead       | 207-1 | 9104    | 8887    | 8542    | 8844    | 3.20   | cps   |
| Lead       | 208-1 | 41122   | 40143   | 40081   | 40449   | 1.44   | cps   |
| Lithium    | 6-1   | 1621467 | 1653267 | 1644342 | 1639692 | 1.00   | cps   |
| Magnesium  | 24-2  | 36632   | 35437   | 36614   | 36228   | 1.89   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB113245BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:24:42 | DataFile Name :   | 024LCSE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 510     | 520     | 603     | 544     | 9.41   | cps   |
| Molybdenum | 94-1  | 30259   | 30402   | 30302   | 30321   | 0.24   | cps   |
| Molybdenum | 95-1  | 37579   | 37169   | 37069   | 37272   | 0.73   | cps   |
| Molybdenum | 96-1  | 40152   | 40579   | 42125   | 40952   | 2.54   | cps   |
| Molybdenum | 97-1  | 23438   | 22678   | 22845   | 22987   | 1.74   | cps   |
| Molybdenum | 98-1  | 58929   | 58234   | 58645   | 58603   | 0.60   | cps   |
| Neodymium  | 150-1 | 7       | 7       | 0       | 4       | 86.60  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 1613    | 1687    | 1597    | 1632    | 2.93   | cps   |
| Phosphorus | 31-2  | 0       | 8       | 17      | 8       | 100.02 | cps   |
| Potassium  | 39-2  | 21918   | 22552   | 22602   | 22357   | 1.71   | cps   |
| Rhodium    | 103-1 | 6291915 | 6456609 | 6337490 | 6362005 | 1.34   | cps   |
| Rhodium    | 103-2 | 1969705 | 2006960 | 2076020 | 2017562 | 2.67   | cps   |
| Scandium   | 45-1  | 4471935 | 4589477 | 4517075 | 4526162 | 1.31   | cps   |
| Scandium   | 45-2  | 38520   | 39452   | 40405   | 39459   | 2.39   | cps   |
| Selenium   | 77-2  | 7       | 0       | 3       | 3       | 100.05 | cps   |
| Selenium   | 78-2  | 24      | 19      | 13      | 19      | 30.00  | cps   |
| Selenium   | 82-1  | 991     | 970     | 1049    | 1003    | 4.09   | cps   |
| Silicon    | 28-1  | 385309  | 390941  | 390771  | 389007  | 0.82   | cps   |
| Silver     | 109-1 | 15685   | 16653   | 16811   | 16383   | 3.72   | cps   |
| Silver     | 107-1 | 17529   | 18138   | 16603   | 17423   | 4.44   | cps   |
| Sodium     | 23-2  | 89967   | 88089   | 91686   | 89914   | 2.00   | cps   |
| Strontium  | 86-1  | 4801    | 5185    | 4968    | 4984    | 3.86   | cps   |
| Strontium  | 88-1  | 39642   | 38756   | 38681   | 39026   | 1.37   | cps   |
| Sulfur     | 34-1  | 413757  | 412203  | 413280  | 413080  | 0.19   | cps   |
| Terbium    | 159-1 | 8089166 | 8185844 | 8218263 | 8164424 | 0.82   | cps   |
| Terbium    | 159-2 | 2088781 | 2152521 | 2180370 | 2140557 | 2.19   | cps   |
| Thallium   | 203-1 | 12690   | 12515   | 12348   | 12518   | 1.37   | cps   |
| Thallium   | 205-1 | 28684   | 29394   | 30270   | 29449   | 2.70   | cps   |
| Tin        | 118-1 | 58504   | 58001   | 57951   | 58152   | 0.53   | cps   |
| Titanium   | 47-1  | 11455   | 11388   | 11055   | 11299   | 1.90   | cps   |
| Uranium    | 238-1 | 79939   | 80586   | 81206   | 80577   | 0.79   | cps   |
| Vanadium   | 51-2  | 7235    | 7302    | 7335    | 7291    | 0.70   | cps   |
| Yttrium    | 89-1  | 7085578 | 7216214 | 7103313 | 7135035 | 0.99   | cps   |
| Yttrium    | 89-2  | 263760  | 270517  | 276636  | 270305  | 2.38   | cps   |
| Zinc       | 66-2  | 840     | 817     | 833     | 830     | 1.45   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB113245BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | LCS008              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:24:42 | DataFile Name :   | 024LCSE.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 90-1 | 26769 | 26594 | 26259 | 26541   | 0.98   | cps   |
| Zirconium | 91-1 | 5985  | 5551  | 6143  | 5893    | 5.20   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKP3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:28:04 | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 121189   | 121558   | 120889   | 121212   | 0.28   | cps   |
| Antimony   | 121-1 | 4134     | 4701     | 4543     | 4459     | 6.56   | cps   |
| Arsenic    | 75-2  | 1926     | 1987     | 1898     | 1937     | 2.35   | cps   |
| Barium     | 135-1 | 445905   | 447248   | 445727   | 446293   | 0.19   | cps   |
| Barium     | 137-1 | 771673   | 777386   | 780130   | 776396   | 0.56   | cps   |
| Beryllium  | 9-1   | 2145     | 1895     | 2045     | 2028     | 6.21   | cps   |
| Bismuth    | 209-1 | 5248251  | 5313983  | 4856943  | 5139725  | 4.81   | cps   |
| Bismuth    | 209-2 | 1862873  | 1881481  | 1858424  | 1867593  | 0.65   | cps   |
| Boron      | 10-1  | 4317     | 4368     | 4251     | 4312     | 1.36   | cps   |
| Boron      | 11-1  | 19814    | 20106    | 19898    | 19940    | 0.75   | cps   |
| Cadmium    | 111-1 | 1726     | 1907     | 1992     | 1875     | 7.23   | cps   |
| Cadmium    | 106-1 | 1834     | 2034     | 2025     | 1964     | 5.76   | cps   |
| Cadmium    | 108-1 | 171      | 113      | 108      | 131      | 26.77  | cps   |
| Calcium    | 43-1  | 197886   | 198803   | 198323   | 198338   | 0.23   | cps   |
| Calcium    | 44-1  | 3279999  | 3308835  | 3303822  | 3297552  | 0.47   | cps   |
| Chromium   | 52-2  | 16230    | 16146    | 16687    | 16354    | 1.78   | cps   |
| Cobalt     | 59-2  | 27631    | 27718    | 27818    | 27722    | 0.34   | cps   |
| Copper     | 63-2  | 106749   | 105910   | 106215   | 106291   | 0.40   | cps   |
| Dysprosium | 156-1 | 28908    | 28315    | 28900    | 28708    | 1.18   | cps   |
| Dysprosium | 156-2 | 7222     | 7262     | 6965     | 7150     | 2.25   | cps   |
| Erbium     | 164-1 | 20008    | 20275    | 20492    | 20258    | 1.20   | cps   |
| Erbium     | 164-2 | 5418     | 5284     | 5284     | 5329     | 1.45   | cps   |
| Gadolinium | 160-1 | 24365    | 24666    | 24315    | 24449    | 0.78   | cps   |
| Gadolinium | 160-2 | 8443     | 8273     | 8256     | 8324     | 1.24   | cps   |
| Holmium    | 165-1 | 7972941  | 8015840  | 7511483  | 7833421  | 3.57   | cps   |
| Holmium    | 165-2 | 2270193  | 2305905  | 2258947  | 2278348  | 1.08   | cps   |
| Indium     | 115-1 | 6744516  | 6804379  | 6318338  | 6622411  | 4.00   | cps   |
| Indium     | 115-2 | 372041   | 375366   | 370153   | 372520   | 0.71   | cps   |
| Iron       | 56-2  | 16645132 | 16484482 | 16587895 | 16572503 | 0.49   | cps   |
| Iron       | 57-2  | 413878   | 412825   | 416484   | 414396   | 0.45   | cps   |
| Krypton    | 83-1  | 397      | 457      | 417      | 423      | 7.22   | cps   |
| Lead       | 206-1 | 81404    | 81348    | 81784    | 81512    | 0.29   | cps   |
| Lead       | 207-1 | 67708    | 66574    | 68250    | 67511    | 1.27   | cps   |
| Lead       | 208-1 | 316458   | 316185   | 317362   | 316668   | 0.19   | cps   |
| Lithium    | 6-1   | 1706778  | 1731759  | 1614489  | 1684342  | 3.67   | cps   |
| Magnesium  | 24-2  | 335207   | 333555   | 336091   | 334951   | 0.38   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKP3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:28:04 | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 280054   | 281512   | 281702   | 281089   | 0.32   | cps   |
| Molybdenum | 94-1  | 41289    | 41741    | 41314    | 41448    | 0.61   | cps   |
| Molybdenum | 95-1  | 4259     | 4268     | 4243     | 4256     | 0.30   | cps   |
| Molybdenum | 96-1  | 11430    | 11789    | 11055    | 11425    | 3.21   | cps   |
| Molybdenum | 97-1  | 2959     | 2617     | 2684     | 2753     | 6.58   | cps   |
| Molybdenum | 98-1  | 6644     | 6660     | 6785     | 6696     | 1.16   | cps   |
| Neodymium  | 150-1 | 49942    | 50451    | 50859    | 50417    | 0.91   | cps   |
| Neodymium  | 150-2 | 8696     | 8440     | 8670     | 8602     | 1.64   | cps   |
| Nickel     | 60-2  | 9683     | 10007    | 10020    | 9904     | 1.93   | cps   |
| Phosphorus | 31-2  | 750      | 558      | 650      | 653      | 14.69  | cps   |
| Potassium  | 39-2  | 89761    | 92806    | 89534    | 90700    | 2.01   | cps   |
| Rhodium    | 103-1 | 6435761  | 6452998  | 6046044  | 6311601  | 3.65   | cps   |
| Rhodium    | 103-2 | 2068458  | 2069443  | 2046439  | 2061447  | 0.63   | cps   |
| Scandium   | 45-1  | 4799800  | 4808190  | 4476131  | 4694707  | 4.03   | cps   |
| Scandium   | 45-2  | 42969    | 41902    | 41909    | 42260    | 1.45   | cps   |
| Selenium   | 77-2  | 20       | 30       | 43       | 31       | 37.62  | cps   |
| Selenium   | 78-2  | 13       | 9        | 15       | 12       | 22.89  | cps   |
| Selenium   | 82-1  | 298      | 294      | 365      | 319      | 12.58  | cps   |
| Silicon    | 28-1  | 13921804 | 13963192 | 14125394 | 14003463 | 0.77   | cps   |
| Silver     | 109-1 | 3892     | 4434     | 4476     | 4268     | 7.63   | cps   |
| Silver     | 107-1 | 4042     | 4501     | 4659     | 4401     | 7.28   | cps   |
| Sodium     | 23-2  | 67912    | 67385    | 68692    | 67996    | 0.97   | cps   |
| Strontium  | 86-1  | 297324   | 296202   | 298397   | 297307   | 0.37   | cps   |
| Strontium  | 88-1  | 2589998  | 2617586  | 2665706  | 2624430  | 1.46   | cps   |
| Sulfur     | 34-1  | 407771   | 404354   | 400198   | 404108   | 0.94   | cps   |
| Terbium    | 159-1 | 8309853  | 8330059  | 7773280  | 8137731  | 3.88   | cps   |
| Terbium    | 159-2 | 2219741  | 2230858  | 2213863  | 2221488  | 0.39   | cps   |
| Thallium   | 203-1 | 4193     | 3934     | 4584     | 4237     | 7.73   | cps   |
| Thallium   | 205-1 | 9621     | 10480    | 10788    | 10296    | 5.88   | cps   |
| Tin        | 118-1 | 5943     | 5868     | 6218     | 6010     | 3.07   | cps   |
| Titanium   | 47-1  | 533174   | 531985   | 538339   | 534499   | 0.63   | cps   |
| Uranium    | 238-1 | 101311   | 100622   | 102160   | 101364   | 0.76   | cps   |
| Vanadium   | 51-2  | 43441    | 44006    | 44096    | 43847    | 0.81   | cps   |
| Yttrium    | 89-1  | 7631407  | 7635086  | 7222081  | 7496191  | 3.17   | cps   |
| Yttrium    | 89-2  | 294027   | 295496   | 289110   | 292878   | 1.14   | cps   |
| Zinc       | 66-2  | 15132    | 15072    | 15362    | 15189    | 1.01   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKP3              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:28:04 | DataFile Name :   | 025SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 90-1 | 106481 | 106709 | 108858 | 107349  | 1.22   | cps   |
| Zirconium | 91-1 | 23964  | 23020  | 24164  | 23716   | 2.58   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKP4              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:31:24 | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 241138   | 239693   | 237602   | 239478   | 0.74   | cps   |
| Antimony   | 121-1 | 5118     | 5176     | 5268     | 5187     | 1.46   | cps   |
| Arsenic    | 75-2  | 3751     | 3725     | 3689     | 3722     | 0.82   | cps   |
| Barium     | 135-1 | 733230   | 741132   | 738789   | 737717   | 0.55   | cps   |
| Barium     | 137-1 | 1283164  | 1295706  | 1297914  | 1292261  | 0.62   | cps   |
| Beryllium  | 9-1   | 3884     | 3940     | 3990     | 3938     | 1.34   | cps   |
| Bismuth    | 209-1 | 5178261  | 5165721  | 5192041  | 5178675  | 0.25   | cps   |
| Bismuth    | 209-2 | 1865081  | 1852530  | 1865052  | 1860888  | 0.39   | cps   |
| Boron      | 10-1  | 6360     | 7035     | 6885     | 6760     | 5.24   | cps   |
| Boron      | 11-1  | 31310    | 30475    | 32078    | 31288    | 2.56   | cps   |
| Cadmium    | 111-1 | 2190     | 2484     | 2514     | 2396     | 7.47   | cps   |
| Cadmium    | 106-1 | 2009     | 2417     | 2384     | 2270     | 9.99   | cps   |
| Cadmium    | 108-1 | 183      | 267      | 179      | 210      | 23.54  | cps   |
| Calcium    | 43-1  | 469401   | 463691   | 467929   | 467007   | 0.63   | cps   |
| Calcium    | 44-1  | 7662986  | 7648370  | 7611721  | 7641026  | 0.35   | cps   |
| Chromium   | 52-2  | 28052    | 28148    | 28827    | 28342    | 1.49   | cps   |
| Cobalt     | 59-2  | 48789    | 49816    | 49702    | 49435    | 1.14   | cps   |
| Copper     | 63-2  | 160463   | 161678   | 161657   | 161266   | 0.43   | cps   |
| Dysprosium | 156-1 | 52013    | 52063    | 53669    | 52582    | 1.79   | cps   |
| Dysprosium | 156-2 | 13207    | 13010    | 12473    | 12897    | 2.95   | cps   |
| Erbium     | 164-1 | 36168    | 35658    | 36544    | 36123    | 1.23   | cps   |
| Erbium     | 164-2 | 9417     | 9170     | 9434     | 9340     | 1.58   | cps   |
| Gadolinium | 160-1 | 43131    | 42621    | 43633    | 43128    | 1.17   | cps   |
| Gadolinium | 160-2 | 15479    | 14959    | 15169    | 15202    | 1.72   | cps   |
| Holmium    | 165-1 | 7848496  | 7899609  | 8095384  | 7947830  | 1.64   | cps   |
| Holmium    | 165-2 | 2273241  | 2295770  | 2287029  | 2285347  | 0.50   | cps   |
| Indium     | 115-1 | 6759636  | 6740398  | 6808528  | 6769521  | 0.52   | cps   |
| Indium     | 115-2 | 373511   | 371568   | 373623   | 372901   | 0.31   | cps   |
| Iron       | 56-2  | 34495163 | 34177854 | 34227049 | 34300022 | 0.50   | cps   |
| Iron       | 57-2  | 855248   | 858250   | 849823   | 854440   | 0.50   | cps   |
| Krypton    | 83-1  | 477      | 457      | 447      | 460      | 3.32   | cps   |
| Lead       | 206-1 | 153707   | 152005   | 151273   | 152328   | 0.82   | cps   |
| Lead       | 207-1 | 125121   | 123994   | 123188   | 124101   | 0.78   | cps   |
| Lead       | 208-1 | 595089   | 584593   | 583770   | 587817   | 1.07   | cps   |
| Lithium    | 6-1   | 1694920  | 1716922  | 1706451  | 1706098  | 0.65   | cps   |
| Magnesium  | 24-2  | 663432   | 654934   | 663873   | 660746   | 0.76   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKP4              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:31:24 | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 584241   | 577450   | 574863   | 578851   | 0.84   | cps   |
| Molybdenum | 94-1  | 61917    | 62520    | 61740    | 62059    | 0.66   | cps   |
| Molybdenum | 95-1  | 16010    | 15993    | 16110    | 16038    | 0.39   | cps   |
| Molybdenum | 96-1  | 26410    | 27044    | 26135    | 26530    | 1.76   | cps   |
| Molybdenum | 97-1  | 10121    | 10404    | 10096    | 10207    | 1.68   | cps   |
| Molybdenum | 98-1  | 26493    | 25676    | 25525    | 25898    | 2.01   | cps   |
| Neodymium  | 150-1 | 89839    | 88920    | 89544    | 89434    | 0.52   | cps   |
| Neodymium  | 150-2 | 16267    | 16134    | 15529    | 15977    | 2.46   | cps   |
| Nickel     | 60-2  | 18469    | 18653    | 18029    | 18383    | 1.74   | cps   |
| Phosphorus | 31-2  | 1167     | 1083     | 1025     | 1092     | 6.52   | cps   |
| Potassium  | 39-2  | 178098   | 176948   | 175523   | 176857   | 0.73   | cps   |
| Rhodium    | 103-1 | 6391017  | 6350941  | 6422536  | 6388164  | 0.56   | cps   |
| Rhodium    | 103-2 | 2072443  | 2056247  | 2077011  | 2068567  | 0.53   | cps   |
| Scandium   | 45-1  | 4810128  | 4809749  | 4908520  | 4842799  | 1.18   | cps   |
| Scandium   | 45-2  | 42865    | 43023    | 42624    | 42837    | 0.47   | cps   |
| Selenium   | 77-2  | 73       | 60       | 57       | 63       | 13.93  | cps   |
| Selenium   | 78-2  | 41       | 31       | 33       | 35       | 13.93  | cps   |
| Selenium   | 82-1  | 350      | 365      | 404      | 373      | 7.45   | cps   |
| Silicon    | 28-1  | 14858601 | 14868929 | 14738248 | 14821926 | 0.49   | cps   |
| Silver     | 109-1 | 6335     | 6702     | 7252     | 6763     | 6.83   | cps   |
| Silver     | 107-1 | 6644     | 6402     | 7486     | 6844     | 8.31   | cps   |
| Sodium     | 23-2  | 123952   | 123642   | 123810   | 123801   | 0.13   | cps   |
| Strontium  | 86-1  | 584905   | 593064   | 584665   | 587545   | 0.81   | cps   |
| Strontium  | 88-1  | 5023413  | 5102174  | 5109200  | 5078262  | 0.94   | cps   |
| Sulfur     | 34-1  | 551398   | 550764   | 545099   | 549087   | 0.63   | cps   |
| Terbium    | 159-1 | 8263839  | 8331347  | 8375625  | 8323604  | 0.68   | cps   |
| Terbium    | 159-2 | 2212245  | 2236911  | 2257931  | 2235696  | 1.02   | cps   |
| Thallium   | 203-1 | 6193     | 6560     | 6577     | 6444     | 3.36   | cps   |
| Thallium   | 205-1 | 14809    | 15018    | 15251    | 15026    | 1.47   | cps   |
| Tin        | 118-1 | 8778     | 9137     | 8670     | 8862     | 2.76   | cps   |
| Titanium   | 47-1  | 828081   | 823466   | 834434   | 828660   | 0.66   | cps   |
| Uranium    | 238-1 | 295227   | 295386   | 294935   | 295183   | 0.08   | cps   |
| Vanadium   | 51-2  | 85854    | 85244    | 84453    | 85184    | 0.82   | cps   |
| Yttrium    | 89-1  | 7783371  | 7884577  | 7969189  | 7879046  | 1.18   | cps   |
| Yttrium    | 89-2  | 306424   | 302735   | 306021   | 305060   | 0.66   | cps   |
| Zinc       | 66-2  | 26946    | 26963    | 27137    | 27015    | 0.39   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-02            | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKP4              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:31:24 | DataFile Name :   | 026SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 90-1 | 145151 | 146708 | 146186 | 146015  | 0.54   | cps   |
| Zirconium | 91-1 | 32507  | 33684  | 32281  | 32824   | 2.30   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY5              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:34:44 | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 245304   | 248593   | 245921   | 246606   | 0.71   | cps   |
| Antimony   | 121-1 | 4693     | 4626     | 4359     | 4559     | 3.87   | cps   |
| Arsenic    | 75-2  | 3434     | 3434     | 3562     | 3476     | 2.12   | cps   |
| Barium     | 135-1 | 773128   | 770246   | 776744   | 773372   | 0.42   | cps   |
| Barium     | 137-1 | 1366232  | 1351852  | 1355402  | 1357829  | 0.55   | cps   |
| Beryllium  | 9-1   | 3917     | 3851     | 4206     | 3991     | 4.74   | cps   |
| Bismuth    | 209-1 | 5174326  | 5154236  | 5193430  | 5173997  | 0.38   | cps   |
| Bismuth    | 209-2 | 1861650  | 1876285  | 1847727  | 1861887  | 0.77   | cps   |
| Boron      | 10-1  | 6218     | 6568     | 6727     | 6505     | 4.00   | cps   |
| Boron      | 11-1  | 29615    | 30667    | 30559    | 30280    | 1.91   | cps   |
| Cadmium    | 111-1 | 2320     | 2429     | 2278     | 2342     | 3.33   | cps   |
| Cadmium    | 106-1 | 2342     | 2384     | 2142     | 2289     | 5.64   | cps   |
| Cadmium    | 108-1 | 213      | 229      | 192      | 211      | 8.90   | cps   |
| Calcium    | 43-1  | 638999   | 644820   | 633762   | 639193   | 0.87   | cps   |
| Calcium    | 44-1  | 10356830 | 10368189 | 10411378 | 10378799 | 0.28   | cps   |
| Chromium   | 52-2  | 27457    | 28092    | 27891    | 27813    | 1.17   | cps   |
| Cobalt     | 59-2  | 49444    | 49076    | 49414    | 49311    | 0.41   | cps   |
| Copper     | 63-2  | 156055   | 154218   | 155795   | 155356   | 0.64   | cps   |
| Dysprosium | 156-1 | 55811    | 55109    | 55485    | 55468    | 0.63   | cps   |
| Dysprosium | 156-2 | 13410    | 13190    | 13194    | 13265    | 0.95   | cps   |
| Erbium     | 164-1 | 38433    | 38140    | 38491    | 38355    | 0.49   | cps   |
| Erbium     | 164-2 | 9524     | 9717     | 10084    | 9775     | 2.91   | cps   |
| Gadolinium | 160-1 | 45865    | 45539    | 46359    | 45921    | 0.90   | cps   |
| Gadolinium | 160-2 | 16057    | 15963    | 15910    | 15977    | 0.47   | cps   |
| Holmium    | 165-1 | 7953252  | 8035282  | 8113114  | 8033882  | 1.00   | cps   |
| Holmium    | 165-2 | 2276765  | 2253753  | 2225503  | 2252007  | 1.14   | cps   |
| Indium     | 115-1 | 6681301  | 6751447  | 6789263  | 6740670  | 0.81   | cps   |
| Indium     | 115-2 | 369295   | 372049   | 362868   | 368070   | 1.28   | cps   |
| Iron       | 56-2  | 34609522 | 34348576 | 34252148 | 34403415 | 0.54   | cps   |
| Iron       | 57-2  | 864445   | 863217   | 861548   | 863070   | 0.17   | cps   |
| Krypton    | 83-1  | 413      | 450      | 433      | 432      | 4.25   | cps   |
| Lead       | 206-1 | 153102   | 152842   | 155738   | 153894   | 1.04   | cps   |
| Lead       | 207-1 | 125009   | 122586   | 124919   | 124172   | 1.11   | cps   |
| Lead       | 208-1 | 586953   | 585672   | 590156   | 587594   | 0.39   | cps   |
| Lithium    | 6-1   | 1665157  | 1657459  | 1681631  | 1668082  | 0.74   | cps   |
| Magnesium  | 24-2  | 678484   | 677294   | 679554   | 678444   | 0.17   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY5              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:34:44 | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 638067   | 639052   | 641795   | 639638   | 0.30   | cps   |
| Molybdenum | 94-1  | 58795    | 58008    | 59012    | 58605    | 0.90   | cps   |
| Molybdenum | 95-1  | 11005    | 10563    | 11289    | 10952    | 3.34   | cps   |
| Molybdenum | 96-1  | 20291    | 21209    | 21309    | 20936    | 2.68   | cps   |
| Molybdenum | 97-1  | 6735     | 6535     | 6902     | 6724     | 2.73   | cps   |
| Molybdenum | 98-1  | 17821    | 16844    | 17746    | 17470    | 3.11   | cps   |
| Neodymium  | 150-1 | 93612    | 93457    | 94848    | 93972    | 0.81   | cps   |
| Neodymium  | 150-2 | 16357    | 16367    | 16220    | 16315    | 0.50   | cps   |
| Nickel     | 60-2  | 18496    | 18593    | 18212    | 18434    | 1.07   | cps   |
| Phosphorus | 31-2  | 1000     | 958      | 1358     | 1106     | 19.89  | cps   |
| Potassium  | 39-2  | 183363   | 183718   | 183852   | 183644   | 0.14   | cps   |
| Rhodium    | 103-1 | 6446092  | 6407340  | 6505406  | 6452946  | 0.77   | cps   |
| Rhodium    | 103-2 | 2048423  | 2097794  | 2035162  | 2060460  | 1.60   | cps   |
| Scandium   | 45-1  | 4826362  | 4839918  | 4884594  | 4850292  | 0.63   | cps   |
| Scandium   | 45-2  | 41929    | 42668    | 41485    | 42027    | 1.42   | cps   |
| Selenium   | 77-2  | 47       | 63       | 70       | 60       | 20.03  | cps   |
| Selenium   | 78-2  | 30       | 39       | 28       | 32       | 18.54  | cps   |
| Selenium   | 82-1  | 368      | 392      | 348      | 369      | 5.96   | cps   |
| Silicon    | 28-1  | 15254580 | 15052199 | 15191201 | 15165993 | 0.68   | cps   |
| Silver     | 109-1 | 5435     | 5601     | 5743     | 5593     | 2.76   | cps   |
| Silver     | 107-1 | 5776     | 5860     | 6535     | 6057     | 6.87   | cps   |
| Sodium     | 23-2  | 115793   | 115659   | 116901   | 116118   | 0.59   | cps   |
| Strontium  | 86-1  | 645891   | 645214   | 646643   | 645916   | 0.11   | cps   |
| Strontium  | 88-1  | 5514041  | 5564967  | 5591152  | 5556720  | 0.71   | cps   |
| Sulfur     | 34-1  | 544591   | 546386   | 544429   | 545136   | 0.20   | cps   |
| Terbium    | 159-1 | 8386857  | 8336234  | 8451863  | 8391651  | 0.69   | cps   |
| Terbium    | 159-2 | 2188884  | 2242562  | 2187821  | 2206422  | 1.42   | cps   |
| Thallium   | 203-1 | 6060     | 6377     | 6202     | 6213     | 2.55   | cps   |
| Thallium   | 205-1 | 14017    | 13958    | 13733    | 13903    | 1.08   | cps   |
| Tin        | 118-1 | 9037     | 9354     | 9204     | 9198     | 1.72   | cps   |
| Titanium   | 47-1  | 815311   | 816661   | 818374   | 816782   | 0.19   | cps   |
| Uranium    | 238-1 | 221965   | 218854   | 219572   | 220130   | 0.74   | cps   |
| Vanadium   | 51-2  | 84677    | 84090    | 85932    | 84900    | 1.11   | cps   |
| Yttrium    | 89-1  | 7957272  | 7995542  | 7979452  | 7977422  | 0.24   | cps   |
| Yttrium    | 89-2  | 298955   | 304496   | 296399   | 299950   | 1.38   | cps   |
| Zinc       | 66-2  | 26793    | 27297    | 26916    | 27002    | 0.97   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY5              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:34:44 | DataFile Name :   | 027SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 90-1 | 146168 | 146288 | 145504 | 145987  | 0.29   | cps   |
| Zirconium | 91-1 | 32156  | 33618  | 32097  | 32624   | 2.64   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY6              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:38:04 | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 280864   | 277941   | 278033   | 278946   | 0.60   | cps   |
| Antimony   | 121-1 | 4543     | 4668     | 4968     | 4726     | 4.62   | cps   |
| Arsenic    | 75-2  | 4319     | 4141     | 4171     | 4211     | 2.26   | cps   |
| Barium     | 135-1 | 853810   | 870323   | 874622   | 866252   | 1.27   | cps   |
| Barium     | 137-1 | 1535706  | 1518930  | 1508032  | 1520890  | 0.92   | cps   |
| Beryllium  | 9-1   | 4601     | 4440     | 4467     | 4503     | 1.91   | cps   |
| Bismuth    | 209-1 | 4875048  | 5234505  | 5188611  | 5099388  | 3.84   | cps   |
| Bismuth    | 209-2 | 1844326  | 1879210  | 1840044  | 1854527  | 1.16   | cps   |
| Boron      | 10-1  | 6652     | 6927     | 6627     | 6735     | 2.47   | cps   |
| Boron      | 11-1  | 31169    | 31886    | 32813    | 31956    | 2.58   | cps   |
| Cadmium    | 111-1 | 1963     | 2178     | 2109     | 2083     | 5.27   | cps   |
| Cadmium    | 106-1 | 1934     | 2234     | 2159     | 2109     | 7.41   | cps   |
| Cadmium    | 108-1 | 183      | 242      | 200      | 208      | 14.42  | cps   |
| Calcium    | 43-1  | 719141   | 713722   | 718977   | 717280   | 0.43   | cps   |
| Calcium    | 44-1  | 11714254 | 11782523 | 11780253 | 11759010 | 0.33   | cps   |
| Chromium   | 52-2  | 30687    | 31035    | 30747    | 30823    | 0.60   | cps   |
| Cobalt     | 59-2  | 55175    | 54935    | 55075    | 55062    | 0.22   | cps   |
| Copper     | 63-2  | 168652   | 168579   | 168527   | 168586   | 0.04   | cps   |
| Dysprosium | 156-1 | 64912    | 66805    | 65146    | 65621    | 1.57   | cps   |
| Dysprosium | 156-2 | 15519    | 15616    | 14752    | 15296    | 3.10   | cps   |
| Erbium     | 164-1 | 44510    | 43240    | 43599    | 43783    | 1.50   | cps   |
| Erbium     | 164-2 | 11012    | 11652    | 10935    | 11199    | 3.52   | cps   |
| Gadolinium | 160-1 | 53067    | 53478    | 53519    | 53355    | 0.47   | cps   |
| Gadolinium | 160-2 | 18480    | 18180    | 18470    | 18377    | 0.93   | cps   |
| Holmium    | 165-1 | 7491524  | 8073455  | 8042322  | 7869101  | 4.16   | cps   |
| Holmium    | 165-2 | 2296576  | 2325732  | 2244528  | 2288945  | 1.80   | cps   |
| Indium     | 115-1 | 6303620  | 6804839  | 6776862  | 6628440  | 4.25   | cps   |
| Indium     | 115-2 | 369596   | 372164   | 366007   | 369256   | 0.84   | cps   |
| Iron       | 56-2  | 38495213 | 37973973 | 38133359 | 38200849 | 0.70   | cps   |
| Iron       | 57-2  | 958629   | 953824   | 954866   | 955773   | 0.26   | cps   |
| Krypton    | 83-1  | 493      | 440      | 393      | 442      | 11.31  | cps   |
| Lead       | 206-1 | 167996   | 167513   | 168356   | 167955   | 0.25   | cps   |
| Lead       | 207-1 | 139171   | 136987   | 139250   | 138469   | 0.93   | cps   |
| Lead       | 208-1 | 646799   | 644753   | 650536   | 647363   | 0.45   | cps   |
| Lithium    | 6-1   | 1566671  | 1672065  | 1691852  | 1643529  | 4.09   | cps   |
| Magnesium  | 24-2  | 805596   | 793758   | 794098   | 797817   | 0.84   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY6              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:38:04 | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 660292   | 655999   | 657136   | 657809   | 0.34   | cps   |
| Molybdenum | 94-1  | 59071    | 59749    | 58828    | 59216    | 0.81   | cps   |
| Molybdenum | 95-1  | 15443    | 14550    | 14925    | 14973    | 2.99   | cps   |
| Molybdenum | 96-1  | 24932    | 25458    | 24682    | 25024    | 1.58   | cps   |
| Molybdenum | 97-1  | 8945     | 9854     | 9245     | 9348     | 4.95   | cps   |
| Molybdenum | 98-1  | 23321    | 23271    | 22953    | 23182    | 0.86   | cps   |
| Neodymium  | 150-1 | 111671   | 110496   | 110838   | 111002   | 0.54   | cps   |
| Neodymium  | 150-2 | 18914    | 19581    | 19017    | 19171    | 1.87   | cps   |
| Nickel     | 60-2  | 20108    | 20071    | 20138    | 20106    | 0.17   | cps   |
| Phosphorus | 31-2  | 1283     | 1042     | 1158     | 1161     | 10.41  | cps   |
| Potassium  | 39-2  | 227002   | 220798   | 222769   | 223523   | 1.42   | cps   |
| Rhodium    | 103-1 | 6013438  | 6470809  | 6459379  | 6314542  | 4.13   | cps   |
| Rhodium    | 103-2 | 2027217  | 2061921  | 2038085  | 2042408  | 0.87   | cps   |
| Scandium   | 45-1  | 4506738  | 4894434  | 4839994  | 4747055  | 4.42   | cps   |
| Scandium   | 45-2  | 41725    | 42721    | 41886    | 42111    | 1.27   | cps   |
| Selenium   | 77-2  | 87       | 87       | 107      | 93       | 12.37  | cps   |
| Selenium   | 78-2  | 35       | 35       | 35       | 35       | 0.00   | cps   |
| Selenium   | 82-1  | 322      | 414      | 371      | 369      | 12.43  | cps   |
| Silicon    | 28-1  | 16845186 | 16706709 | 16844131 | 16798675 | 0.47   | cps   |
| Silver     | 109-1 | 4943     | 4609     | 5160     | 4904     | 5.65   | cps   |
| Silver     | 107-1 | 5235     | 5310     | 5960     | 5501     | 7.25   | cps   |
| Sodium     | 23-2  | 134741   | 132974   | 133537   | 133750   | 0.67   | cps   |
| Strontium  | 86-1  | 739002   | 731050   | 739871   | 736641   | 0.66   | cps   |
| Strontium  | 88-1  | 6394007  | 6352072  | 6448421  | 6398166  | 0.76   | cps   |
| Sulfur     | 34-1  | 545499   | 545134   | 544311   | 544981   | 0.11   | cps   |
| Terbium    | 159-1 | 7870097  | 8519509  | 8455057  | 8281555  | 4.32   | cps   |
| Terbium    | 159-2 | 2223818  | 2256874  | 2183612  | 2221435  | 1.65   | cps   |
| Thallium   | 203-1 | 6485     | 6419     | 7077     | 6660     | 5.44   | cps   |
| Thallium   | 205-1 | 15802    | 15527    | 15652    | 15660    | 0.88   | cps   |
| Tin        | 118-1 | 10138    | 10872    | 10988    | 10666    | 4.32   | cps   |
| Titanium   | 47-1  | 828411   | 834150   | 825515   | 829359   | 0.53   | cps   |
| Uranium    | 238-1 | 261080   | 261909   | 267156   | 263382   | 1.25   | cps   |
| Vanadium   | 51-2  | 97047    | 95697    | 94449    | 95731    | 1.36   | cps   |
| Yttrium    | 89-1  | 7549534  | 8076398  | 8044770  | 7890234  | 3.74   | cps   |
| Yttrium    | 89-2  | 302603   | 304833   | 300659   | 302698   | 0.69   | cps   |
| Zinc       | 66-2  | 32024    | 32432    | 31860    | 32105    | 0.92   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY6              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:38:04 | DataFile Name :   | 028SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 90-1 | 142548 | 140906 | 141050 | 141501  | 0.64   | cps   |
| Zirconium | 91-1 | 33108  | 30677  | 32390  | 32058   | 3.90   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY7              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:41:23 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 277219   | 273749   | 274371   | 275113   | 0.67   | cps   |
| Antimony   | 121-1 | 4393     | 3867     | 4334     | 4198     | 6.86   | cps   |
| Arsenic    | 75-2  | 5677     | 5698     | 5679     | 5685     | 0.20   | cps   |
| Barium     | 135-1 | 986798   | 995144   | 994379   | 992107   | 0.47   | cps   |
| Barium     | 137-1 | 1772708  | 1776725  | 1752220  | 1767218  | 0.74   | cps   |
| Beryllium  | 9-1   | 4634     | 4779     | 4673     | 4695     | 1.59   | cps   |
| Bismuth    | 209-1 | 5332226  | 5288523  | 5382446  | 5334398  | 0.88   | cps   |
| Bismuth    | 209-2 | 1861063  | 1856719  | 1844614  | 1854132  | 0.46   | cps   |
| Boron      | 10-1  | 7627     | 7978     | 7586     | 7730     | 2.78   | cps   |
| Boron      | 11-1  | 34927    | 35637    | 35963    | 35509    | 1.49   | cps   |
| Cadmium    | 111-1 | 2300     | 2264     | 2282     | 2282     | 0.80   | cps   |
| Cadmium    | 106-1 | 2417     | 2192     | 2259     | 2289     | 5.05   | cps   |
| Cadmium    | 108-1 | 263      | 208      | 238      | 236      | 11.48  | cps   |
| Calcium    | 43-1  | 1651220  | 1654679  | 1669665  | 1658522  | 0.59   | cps   |
| Calcium    | 44-1  | 26796971 | 26469295 | 26648450 | 26638239 | 0.62   | cps   |
| Chromium   | 52-2  | 29855    | 29675    | 30056    | 29862    | 0.64   | cps   |
| Cobalt     | 59-2  | 53964    | 54008    | 52703    | 53558    | 1.38   | cps   |
| Copper     | 63-2  | 199744   | 199983   | 197417   | 199048   | 0.71   | cps   |
| Dysprosium | 156-1 | 67751    | 66955    | 65942    | 66883    | 1.36   | cps   |
| Dysprosium | 156-2 | 15312    | 15456    | 15196    | 15321    | 0.85   | cps   |
| Erbium     | 164-1 | 45431    | 46124    | 45506    | 45687    | 0.83   | cps   |
| Erbium     | 164-2 | 11719    | 11245    | 11492    | 11485    | 2.06   | cps   |
| Gadolinium | 160-1 | 55201    | 57419    | 55017    | 55879    | 2.39   | cps   |
| Gadolinium | 160-2 | 18400    | 18079    | 17816    | 18098    | 1.62   | cps   |
| Holmium    | 165-1 | 8253459  | 8125139  | 8188233  | 8188944  | 0.78   | cps   |
| Holmium    | 165-2 | 2266625  | 2250112  | 2237408  | 2251382  | 0.65   | cps   |
| Indium     | 115-1 | 6860455  | 6755509  | 6817948  | 6811304  | 0.77   | cps   |
| Indium     | 115-2 | 359140   | 360849   | 356092   | 358694   | 0.67   | cps   |
| Iron       | 56-2  | 39178958 | 39240788 | 39159134 | 39192960 | 0.11   | cps   |
| Iron       | 57-2  | 985225   | 979391   | 983968   | 982862   | 0.31   | cps   |
| Krypton    | 83-1  | 487      | 470      | 393      | 450      | 11.06  | cps   |
| Lead       | 206-1 | 185796   | 185970   | 188203   | 186656   | 0.72   | cps   |
| Lead       | 207-1 | 151263   | 152882   | 152257   | 152134   | 0.54   | cps   |
| Lead       | 208-1 | 713794   | 714973   | 719641   | 716136   | 0.43   | cps   |
| Lithium    | 6-1   | 1670485  | 1661972  | 1670145  | 1667534  | 0.29   | cps   |
| Magnesium  | 24-2  | 786067   | 783383   | 778942   | 782797   | 0.46   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY7              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:41:23 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 855024   | 854999   | 851032   | 853685   | 0.27   | cps   |
| Molybdenum | 94-1  | 71865    | 72335    | 72519    | 72240    | 0.47   | cps   |
| Molybdenum | 95-1  | 27980    | 29976    | 29967    | 29308    | 3.92   | cps   |
| Molybdenum | 96-1  | 42141    | 41447    | 42233    | 41941    | 1.02   | cps   |
| Molybdenum | 97-1  | 18672    | 18488    | 18455    | 18538    | 0.63   | cps   |
| Molybdenum | 98-1  | 48278    | 47124    | 48321    | 47908    | 1.42   | cps   |
| Neodymium  | 150-1 | 111026   | 111369   | 113621   | 112005   | 1.26   | cps   |
| Neodymium  | 150-2 | 18864    | 18887    | 18426    | 18726    | 1.39   | cps   |
| Nickel     | 60-2  | 20899    | 20809    | 20572    | 20760    | 0.81   | cps   |
| Phosphorus | 31-2  | 1142     | 1242     | 1358     | 1247     | 8.69   | cps   |
| Potassium  | 39-2  | 199839   | 198030   | 199764   | 199211   | 0.51   | cps   |
| Rhodium    | 103-1 | 6461154  | 6359067  | 6426988  | 6415736  | 0.81   | cps   |
| Rhodium    | 103-2 | 1979016  | 2004505  | 1992061  | 1991861  | 0.64   | cps   |
| Scandium   | 45-1  | 4847315  | 4758788  | 4766244  | 4790782  | 1.02   | cps   |
| Scandium   | 45-2  | 39823    | 39743    | 40067    | 39878    | 0.42   | cps   |
| Selenium   | 77-2  | 77       | 90       | 73       | 80       | 11.02  | cps   |
| Selenium   | 78-2  | 43       | 15       | 48       | 35       | 50.77  | cps   |
| Selenium   | 82-1  | 371      | 347      | 407      | 375      | 8.10   | cps   |
| Silicon    | 28-1  | 18934426 | 18856831 | 18767357 | 18852871 | 0.44   | cps   |
| Silver     | 109-1 | 5526     | 5460     | 6002     | 5663     | 5.22   | cps   |
| Silver     | 107-1 | 5451     | 5893     | 5835     | 5726     | 4.19   | cps   |
| Sodium     | 23-2  | 129022   | 129718   | 129820   | 129520   | 0.34   | cps   |
| Strontium  | 86-1  | 1142290  | 1133042  | 1137179  | 1137504  | 0.41   | cps   |
| Strontium  | 88-1  | 9935805  | 9857390  | 9801710  | 9864968  | 0.68   | cps   |
| Sulfur     | 34-1  | 785581   | 782610   | 785709   | 784633   | 0.22   | cps   |
| Terbium    | 159-1 | 8732201  | 8543070  | 8630412  | 8635227  | 1.10   | cps   |
| Terbium    | 159-2 | 2212855  | 2227415  | 2205895  | 2215388  | 0.50   | cps   |
| Thallium   | 203-1 | 5535     | 6010     | 5910     | 5818     | 4.31   | cps   |
| Thallium   | 205-1 | 14150    | 13491    | 14109    | 13917    | 2.65   | cps   |
| Tin        | 118-1 | 10204    | 10663    | 10271    | 10379    | 2.39   | cps   |
| Titanium   | 47-1  | 697283   | 699992   | 691079   | 696118   | 0.66   | cps   |
| Uranium    | 238-1 | 461049   | 463489   | 461823   | 462120   | 0.27   | cps   |
| Vanadium   | 51-2  | 96322    | 95610    | 95667    | 95866    | 0.41   | cps   |
| Yttrium    | 89-1  | 8083146  | 8052147  | 8093417  | 8076237  | 0.27   | cps   |
| Yttrium    | 89-2  | 295709   | 295806   | 291651   | 294389   | 0.81   | cps   |
| Zinc       | 66-2  | 31122    | 30327    | 29866    | 30438    | 2.09   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-05            | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY7              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:41:23 | DataFile Name :   | 029SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 90-1 | 152960 | 153962 | 156172 | 154365  | 1.06   | cps   |
| Zirconium | 91-1 | 33492  | 35071  | 35021  | 34528   | 2.60   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY8              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:44:41 | DataFile Name :   | 030SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 271139   | 268900   | 266170   | 268737   | 0.93   | cps   |
| Antimony   | 121-1 | 3892     | 3842     | 3651     | 3795     | 3.36   | cps   |
| Arsenic    | 75-2  | 4249     | 4319     | 4203     | 4257     | 1.38   | cps   |
| Barium     | 135-1 | 891033   | 892067   | 881973   | 888358   | 0.63   | cps   |
| Barium     | 137-1 | 1588507  | 1568778  | 1578713  | 1578666  | 0.62   | cps   |
| Beryllium  | 9-1   | 4668     | 4529     | 4695     | 4630     | 1.93   | cps   |
| Bismuth    | 209-1 | 5366911  | 5379899  | 5407963  | 5384924  | 0.39   | cps   |
| Bismuth    | 209-2 | 1729892  | 1847567  | 1842176  | 1806545  | 3.68   | cps   |
| Boron      | 10-1  | 6744     | 6668     | 6560     | 6657     | 1.39   | cps   |
| Boron      | 11-1  | 31402    | 32003    | 31602    | 31669    | 0.97   | cps   |
| Cadmium    | 111-1 | 2208     | 2246     | 2352     | 2269     | 3.27   | cps   |
| Cadmium    | 106-1 | 2159     | 2384     | 2317     | 2286     | 5.06   | cps   |
| Cadmium    | 108-1 | 213      | 258      | 196      | 222      | 14.56  | cps   |
| Calcium    | 43-1  | 929913   | 934635   | 925045   | 929864   | 0.52   | cps   |
| Calcium    | 44-1  | 15168109 | 15235602 | 15180986 | 15194899 | 0.24   | cps   |
| Chromium   | 52-2  | 28716    | 28466    | 28766    | 28650    | 0.56   | cps   |
| Cobalt     | 59-2  | 52542    | 52546    | 52786    | 52625    | 0.27   | cps   |
| Copper     | 63-2  | 166196   | 165954   | 167276   | 166475   | 0.42   | cps   |
| Dysprosium | 156-1 | 62375    | 63722    | 62282    | 62793    | 1.28   | cps   |
| Dysprosium | 156-2 | 14565    | 14859    | 14732    | 14718    | 1.00   | cps   |
| Erbium     | 164-1 | 43173    | 43674    | 42847    | 43231    | 0.96   | cps   |
| Erbium     | 164-2 | 10775    | 10658    | 10688    | 10707    | 0.57   | cps   |
| Gadolinium | 160-1 | 52164    | 52858    | 51679    | 52233    | 1.13   | cps   |
| Gadolinium | 160-2 | 17252    | 17659    | 17028    | 17313    | 1.85   | cps   |
| Holmium    | 165-1 | 8084834  | 8184390  | 8352079  | 8207101  | 1.65   | cps   |
| Holmium    | 165-2 | 2101615  | 2277861  | 2246854  | 2208777  | 4.26   | cps   |
| Indium     | 115-1 | 6750177  | 6785033  | 6931945  | 6822385  | 1.41   | cps   |
| Indium     | 115-2 | 335945   | 359592   | 358083   | 351207   | 3.77   | cps   |
| Iron       | 56-2  | 37586295 | 37082401 | 37105343 | 37258013 | 0.76   | cps   |
| Iron       | 57-2  | 944967   | 931580   | 932203   | 936250   | 0.81   | cps   |
| Krypton    | 83-1  | 450      | 440      | 477      | 456      | 4.16   | cps   |
| Lead       | 206-1 | 174078   | 173013   | 172521   | 173204   | 0.46   | cps   |
| Lead       | 207-1 | 142564   | 141744   | 139222   | 141177   | 1.23   | cps   |
| Lead       | 208-1 | 664664   | 669922   | 664439   | 666342   | 0.47   | cps   |
| Lithium    | 6-1   | 1674042  | 1645864  | 1704101  | 1674669  | 1.74   | cps   |
| Magnesium  | 24-2  | 757341   | 747968   | 749249   | 751519   | 0.68   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY8              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:44:41 | DataFile Name :   | 030SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 719369   | 715157   | 718136   | 717554   | 0.30   | cps   |
| Molybdenum | 94-1  | 63927    | 62746    | 63675    | 63449    | 0.98   | cps   |
| Molybdenum | 95-1  | 19915    | 19256    | 19965    | 19712    | 2.01   | cps   |
| Molybdenum | 96-1  | 30076    | 30410    | 30544    | 30343    | 0.79   | cps   |
| Molybdenum | 97-1  | 12523    | 12273    | 12898    | 12565    | 2.51   | cps   |
| Molybdenum | 98-1  | 30502    | 30410    | 31730    | 30881    | 2.39   | cps   |
| Neodymium  | 150-1 | 106743   | 105757   | 105232   | 105911   | 0.72   | cps   |
| Neodymium  | 150-2 | 17882    | 18093    | 17602    | 17859    | 1.38   | cps   |
| Nickel     | 60-2  | 20492    | 19965    | 19811    | 20089    | 1.78   | cps   |
| Phosphorus | 31-2  | 975      | 1300     | 942      | 1072     | 18.46  | cps   |
| Potassium  | 39-2  | 195530   | 195607   | 194560   | 195232   | 0.30   | cps   |
| Rhodium    | 103-1 | 6487071  | 6425552  | 6521904  | 6478175  | 0.75   | cps   |
| Rhodium    | 103-2 | 1895267  | 2039811  | 2012669  | 1982582  | 3.88   | cps   |
| Scandium   | 45-1  | 4833995  | 4790591  | 4933381  | 4852656  | 1.51   | cps   |
| Scandium   | 45-2  | 37511    | 39649    | 41053    | 39404    | 4.53   | cps   |
| Selenium   | 77-2  | 87       | 93       | 67       | 82       | 16.88  | cps   |
| Selenium   | 78-2  | 43       | 31       | 44       | 40       | 17.75  | cps   |
| Selenium   | 82-1  | 362      | 434      | 385      | 394      | 9.34   | cps   |
| Silicon    | 28-1  | 15154924 | 15097832 | 15043711 | 15098822 | 0.37   | cps   |
| Silver     | 109-1 | 4826     | 5068     | 4809     | 4901     | 2.95   | cps   |
| Silver     | 107-1 | 4776     | 5318     | 5310     | 5135     | 6.05   | cps   |
| Sodium     | 23-2  | 116607   | 116314   | 116382   | 116434   | 0.13   | cps   |
| Strontium  | 86-1  | 828171   | 833452   | 836011   | 832545   | 0.48   | cps   |
| Strontium  | 88-1  | 7132349  | 7267945  | 7191447  | 7197247  | 0.94   | cps   |
| Sulfur     | 34-1  | 643204   | 640958   | 643144   | 642435   | 0.20   | cps   |
| Terbium    | 159-1 | 8575573  | 8559018  | 8657773  | 8597454  | 0.62   | cps   |
| Terbium    | 159-2 | 2021796  | 2172897  | 2169075  | 2121256  | 4.06   | cps   |
| Thallium   | 203-1 | 5426     | 5418     | 5576     | 5474     | 1.63   | cps   |
| Thallium   | 205-1 | 13299    | 13107    | 12815    | 13074    | 1.86   | cps   |
| Tin        | 118-1 | 10238    | 10021    | 10304    | 10188    | 1.46   | cps   |
| Titanium   | 47-1  | 640265   | 643284   | 646069   | 643206   | 0.45   | cps   |
| Uranium    | 238-1 | 350603   | 350360   | 352305   | 351089   | 0.30   | cps   |
| Vanadium   | 51-2  | 89701    | 89929    | 90225    | 89952    | 0.29   | cps   |
| Yttrium    | 89-1  | 8055255  | 8069108  | 8198109  | 8107490  | 0.97   | cps   |
| Yttrium    | 89-2  | 278191   | 294357   | 293786   | 288778   | 3.18   | cps   |
| Zinc       | 66-2  | 29999    | 29428    | 28944    | 29457    | 1.79   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-06            | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY8              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:44:41 | DataFile Name :   | 030SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 90-1 | 145586 | 145073 | 145731 | 145463  | 0.24   | cps   |
| Zirconium | 91-1 | 32264  | 32364  | 32515  | 32381   | 0.39   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY8D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:48:00 | DataFile Name :   | 031SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 265112   | 262045   | 262464   | 263207   | 0.63   | cps   |
| Antimony   | 121-1 | 4284     | 4109     | 3926     | 4106     | 4.37   | cps   |
| Arsenic    | 75-2  | 4103     | 4304     | 4356     | 4254     | 3.15   | cps   |
| Barium     | 135-1 | 896222   | 886116   | 888900   | 890412   | 0.59   | cps   |
| Barium     | 137-1 | 1574652  | 1571222  | 1594384  | 1580086  | 0.79   | cps   |
| Beryllium  | 9-1   | 4367     | 4556     | 4495     | 4473     | 2.16   | cps   |
| Bismuth    | 209-1 | 5443050  | 5357789  | 5361300  | 5387380  | 0.90   | cps   |
| Bismuth    | 209-2 | 1835010  | 1819351  | 1879434  | 1844598  | 1.69   | cps   |
| Boron      | 10-1  | 6760     | 7094     | 7210     | 7021     | 3.33   | cps   |
| Boron      | 11-1  | 31060    | 32128    | 31502    | 31563    | 1.70   | cps   |
| Cadmium    | 111-1 | 2165     | 2346     | 2199     | 2237     | 4.29   | cps   |
| Cadmium    | 106-1 | 2075     | 2375     | 2259     | 2236     | 6.76   | cps   |
| Cadmium    | 108-1 | 208      | 179      | 254      | 214      | 17.68  | cps   |
| Calcium    | 43-1  | 971204   | 969106   | 965814   | 968708   | 0.28   | cps   |
| Calcium    | 44-1  | 16025782 | 15884752 | 15777589 | 15896041 | 0.78   | cps   |
| Chromium   | 52-2  | 27601    | 27921    | 27925    | 27816    | 0.67   | cps   |
| Cobalt     | 59-2  | 51348    | 52412    | 51642    | 51801    | 1.06   | cps   |
| Copper     | 63-2  | 164589   | 165121   | 163778   | 164496   | 0.41   | cps   |
| Dysprosium | 156-1 | 61169    | 61763    | 62400    | 61777    | 1.00   | cps   |
| Dysprosium | 156-2 | 14812    | 14632    | 14318    | 14587    | 1.71   | cps   |
| Erbium     | 164-1 | 43081    | 42128    | 42947    | 42718    | 1.21   | cps   |
| Erbium     | 164-2 | 10785    | 11128    | 10795    | 10903    | 1.79   | cps   |
| Gadolinium | 160-1 | 51152    | 49303    | 51360    | 50605    | 2.24   | cps   |
| Gadolinium | 160-2 | 16868    | 17168    | 16995    | 17010    | 0.89   | cps   |
| Holmium    | 165-1 | 8153505  | 8208525  | 8211949  | 8191326  | 0.40   | cps   |
| Holmium    | 165-2 | 2242614  | 2173775  | 2296789  | 2237726  | 2.76   | cps   |
| Indium     | 115-1 | 6793682  | 6718741  | 6775987  | 6762803  | 0.58   | cps   |
| Indium     | 115-2 | 360195   | 351051   | 360407   | 357218   | 1.50   | cps   |
| Iron       | 56-2  | 36933970 | 36974979 | 36713566 | 36874172 | 0.38   | cps   |
| Iron       | 57-2  | 916987   | 926043   | 922239   | 921757   | 0.49   | cps   |
| Krypton    | 83-1  | 527      | 420      | 507      | 484      | 11.71  | cps   |
| Lead       | 206-1 | 171982   | 171694   | 170131   | 171269   | 0.58   | cps   |
| Lead       | 207-1 | 141321   | 142316   | 141935   | 141858   | 0.35   | cps   |
| Lead       | 208-1 | 662896   | 665758   | 661461   | 663372   | 0.33   | cps   |
| Lithium    | 6-1   | 1698715  | 1668264  | 1671352  | 1679444  | 1.00   | cps   |
| Magnesium  | 24-2  | 738198   | 737369   | 734909   | 736825   | 0.23   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY8D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:48:00 | DataFile Name :   | 031SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 713775   | 714488   | 708447   | 712237   | 0.46   | cps   |
| Molybdenum | 94-1  | 64830    | 65023    | 64010    | 64621    | 0.83   | cps   |
| Molybdenum | 95-1  | 19932    | 19623    | 19506    | 19687    | 1.12   | cps   |
| Molybdenum | 96-1  | 30920    | 30343    | 30769    | 30677    | 0.97   | cps   |
| Molybdenum | 97-1  | 12348    | 12782    | 12398    | 12509    | 1.90   | cps   |
| Molybdenum | 98-1  | 30076    | 32139    | 31471    | 31229    | 3.37   | cps   |
| Neodymium  | 150-1 | 106180   | 106375   | 106213   | 106256   | 0.10   | cps   |
| Neodymium  | 150-2 | 17989    | 17539    | 17091    | 17540    | 2.56   | cps   |
| Nickel     | 60-2  | 19567    | 19738    | 20121    | 19809    | 1.43   | cps   |
| Phosphorus | 31-2  | 1158     | 1050     | 1058     | 1089     | 5.54   | cps   |
| Potassium  | 39-2  | 190707   | 190327   | 189963   | 190333   | 0.20   | cps   |
| Rhodium    | 103-1 | 6440367  | 6455747  | 6454506  | 6450207  | 0.13   | cps   |
| Rhodium    | 103-2 | 2016308  | 1985479  | 2049123  | 2016970  | 1.58   | cps   |
| Scandium   | 45-1  | 4896742  | 4786236  | 4775789  | 4819589  | 1.39   | cps   |
| Scandium   | 45-2  | 40224    | 38580    | 40000    | 39601    | 2.25   | cps   |
| Selenium   | 77-2  | 83       | 60       | 80       | 74       | 16.95  | cps   |
| Selenium   | 78-2  | 19       | 33       | 28       | 27       | 28.19  | cps   |
| Selenium   | 82-1  | 368      | 426      | 368      | 387      | 8.62   | cps   |
| Silicon    | 28-1  | 15328377 | 15183803 | 15147477 | 15219886 | 0.63   | cps   |
| Silver     | 109-1 | 5068     | 4634     | 4759     | 4821     | 4.63   | cps   |
| Silver     | 107-1 | 4751     | 5143     | 5476     | 5123     | 7.09   | cps   |
| Sodium     | 23-2  | 115247   | 115626   | 113818   | 114897   | 0.83   | cps   |
| Strontium  | 86-1  | 844470   | 851170   | 844979   | 846873   | 0.44   | cps   |
| Strontium  | 88-1  | 7367278  | 7434616  | 7366902  | 7389599  | 0.53   | cps   |
| Sulfur     | 34-1  | 648372   | 649923   | 645211   | 647835   | 0.37   | cps   |
| Terbium    | 159-1 | 8541803  | 8476743  | 8629209  | 8549252  | 0.89   | cps   |
| Terbium    | 159-2 | 2201906  | 2120490  | 2200386  | 2174261  | 2.14   | cps   |
| Thallium   | 203-1 | 5468     | 5518     | 5318     | 5435     | 1.92   | cps   |
| Thallium   | 205-1 | 13149    | 13274    | 13216    | 13213    | 0.47   | cps   |
| Tin        | 118-1 | 9746     | 10188    | 10321    | 10085    | 2.99   | cps   |
| Titanium   | 47-1  | 645790   | 649305   | 644141   | 646412   | 0.41   | cps   |
| Uranium    | 238-1 | 352704   | 349928   | 352865   | 351832   | 0.47   | cps   |
| Vanadium   | 51-2  | 89658    | 89081    | 88363    | 89034    | 0.73   | cps   |
| Yttrium    | 89-1  | 8094598  | 8116797  | 8077531  | 8096309  | 0.24   | cps   |
| Yttrium    | 89-2  | 295663   | 287405   | 292969   | 292012   | 1.44   | cps   |
| Zinc       | 66-2  | 28967    | 28927    | 29094    | 28996    | 0.30   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-07            | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY8D             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:48:00 | DataFile Name :   | 031SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 90-1 | 145378 | 146834 | 147658 | 146623  | 0.79   | cps   |
| Zirconium | 91-1 | 32014  | 32766  | 33718  | 32832   | 2.60   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-06LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY8L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-10-03 15:51:19 | DataFile Name :   | 032SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 53052   | 52301   | 52718   | 52690   | 0.71   | cps   |
| Antimony   | 121-1 | 1167    | 1150    | 1208    | 1175    | 2.56   | cps   |
| Arsenic    | 75-2  | 882     | 856     | 885     | 874     | 1.85   | cps   |
| Barium     | 135-1 | 173032  | 168765  | 169715  | 170504  | 1.31   | cps   |
| Barium     | 137-1 | 298192  | 296166  | 298733  | 297697  | 0.45   | cps   |
| Beryllium  | 9-1   | 1028    | 1056    | 1056    | 1046    | 1.53   | cps   |
| Bismuth    | 209-1 | 5270188 | 5416190 | 5356263 | 5347547 | 1.37   | cps   |
| Bismuth    | 209-2 | 1893484 | 1848737 | 1832239 | 1858153 | 1.71   | cps   |
| Boron      | 10-1  | 1959    | 1934    | 2150    | 2014    | 5.89   | cps   |
| Boron      | 11-1  | 9554    | 9662    | 9862    | 9693    | 1.62   | cps   |
| Cadmium    | 111-1 | 1245    | 1417    | 1481    | 1381    | 8.83   | cps   |
| Cadmium    | 106-1 | 1642    | 1809    | 1959    | 1803    | 8.79   | cps   |
| Cadmium    | 108-1 | 42      | 58      | 75      | 58      | 28.57  | cps   |
| Calcium    | 43-1  | 178278  | 181128  | 181846  | 180417  | 1.05   | cps   |
| Calcium    | 44-1  | 2980542 | 3003040 | 2980761 | 2988114 | 0.43   | cps   |
| Chromium   | 52-2  | 5865    | 5915    | 6021    | 5934    | 1.35   | cps   |
| Cobalt     | 59-2  | 10124   | 10538   | 10064   | 10242   | 2.52   | cps   |
| Copper     | 63-2  | 33186   | 33273   | 32842   | 33101   | 0.69   | cps   |
| Dysprosium | 156-1 | 12031   | 11756   | 11989   | 11925   | 1.24   | cps   |
| Dysprosium | 156-2 | 2664    | 2794    | 2744    | 2734    | 2.40   | cps   |
| Erbium     | 164-1 | 8745    | 8937    | 8495    | 8726    | 2.54   | cps   |
| Erbium     | 164-2 | 2120    | 2244    | 2124    | 2162    | 3.25   | cps   |
| Gadolinium | 160-1 | 10163   | 9804    | 9954    | 9974    | 1.81   | cps   |
| Gadolinium | 160-2 | 3464    | 3344    | 3307    | 3372    | 2.43   | cps   |
| Holmium    | 165-1 | 8063906 | 8096654 | 8081648 | 8080736 | 0.20   | cps   |
| Holmium    | 165-2 | 2238658 | 2221887 | 2231776 | 2230773 | 0.38   | cps   |
| Indium     | 115-1 | 6675300 | 6863782 | 6799376 | 6779486 | 1.41   | cps   |
| Indium     | 115-2 | 366300  | 359059  | 360459  | 361939  | 1.06   | cps   |
| Iron       | 56-2  | 7309556 | 7345299 | 7307807 | 7320887 | 0.29   | cps   |
| Iron       | 57-2  | 181341  | 181481  | 180953  | 181259  | 0.15   | cps   |
| Krypton    | 83-1  | 380     | 477     | 420     | 426     | 11.41  | cps   |
| Lead       | 206-1 | 34993   | 34135   | 34837   | 34655   | 1.32   | cps   |
| Lead       | 207-1 | 28845   | 27931   | 28677   | 28484   | 1.71   | cps   |
| Lead       | 208-1 | 134926  | 132232  | 133586  | 133581  | 1.01   | cps   |
| Lithium    | 6-1   | 1625673 | 1652162 | 1608332 | 1628722 | 1.36   | cps   |
| Magnesium  | 24-2  | 146884  | 144603  | 145428  | 145638  | 0.79   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-06LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY8L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-10-03 15:51:19 | DataFile Name :   | 032SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 141171  | 141663  | 140451  | 141095  | 0.43   | cps   |
| Molybdenum | 94-1  | 11564   | 12606   | 12248   | 12139   | 4.36   | cps   |
| Molybdenum | 95-1  | 3926    | 4059    | 3934    | 3973    | 1.88   | cps   |
| Molybdenum | 96-1  | 5601    | 6360    | 5368    | 5776    | 8.98   | cps   |
| Molybdenum | 97-1  | 2234    | 2400    | 2634    | 2423    | 8.30   | cps   |
| Molybdenum | 98-1  | 6485    | 6477    | 6252    | 6405    | 2.07   | cps   |
| Neodymium  | 150-1 | 20590   | 20423   | 20857   | 20624   | 1.06   | cps   |
| Neodymium  | 150-2 | 3364    | 3320    | 3491    | 3392    | 2.61   | cps   |
| Nickel     | 60-2  | 4311    | 4294    | 3921    | 4175    | 5.28   | cps   |
| Phosphorus | 31-2  | 192     | 258     | 192     | 214     | 18.00  | cps   |
| Potassium  | 39-2  | 41078   | 41036   | 39765   | 40626   | 1.84   | cps   |
| Rhodium    | 103-1 | 6373975 | 6560645 | 6461554 | 6465392 | 1.44   | cps   |
| Rhodium    | 103-2 | 2063384 | 2027312 | 2016227 | 2035641 | 1.21   | cps   |
| Scandium   | 45-1  | 4536418 | 4679217 | 4606132 | 4607256 | 1.55   | cps   |
| Scandium   | 45-2  | 39419   | 38523   | 38974   | 38972   | 1.15   | cps   |
| Selenium   | 77-2  | 17      | 20      | 10      | 16      | 32.73  | cps   |
| Selenium   | 78-2  | 6       | 13      | 6       | 8       | 53.23  | cps   |
| Selenium   | 82-1  | 249     | 234     | 279     | 254     | 8.98   | cps   |
| Silicon    | 28-1  | 3177408 | 3167416 | 3182673 | 3175833 | 0.24   | cps   |
| Silver     | 109-1 | 1333    | 1350    | 1642    | 1442    | 12.03  | cps   |
| Silver     | 107-1 | 1292    | 1550    | 1525    | 1456    | 9.79   | cps   |
| Sodium     | 23-2  | 29673   | 30651   | 29816   | 30047   | 1.76   | cps   |
| Strontium  | 86-1  | 161671  | 159953  | 159818  | 160481  | 0.64   | cps   |
| Strontium  | 88-1  | 1408657 | 1402573 | 1424132 | 1411787 | 0.79   | cps   |
| Sulfur     | 34-1  | 417016  | 416763  | 411785  | 415188  | 0.71   | cps   |
| Terbium    | 159-1 | 8476797 | 8507596 | 8436362 | 8473585 | 0.42   | cps   |
| Terbium    | 159-2 | 2194814 | 2166561 | 2167567 | 2176314 | 0.74   | cps   |
| Thallium   | 203-1 | 1292    | 1342    | 1150    | 1261    | 7.88   | cps   |
| Thallium   | 205-1 | 3042    | 2500    | 3067    | 2870    | 11.16  | cps   |
| Tin        | 118-1 | 4390    | 3534    | 3276    | 3733    | 15.62  | cps   |
| Titanium   | 47-1  | 122322  | 124500  | 123324  | 123382  | 0.88   | cps   |
| Uranium    | 238-1 | 67249   | 67911   | 68900   | 68020   | 1.22   | cps   |
| Vanadium   | 51-2  | 17374   | 17802   | 17458   | 17545   | 1.29   | cps   |
| Yttrium    | 89-1  | 7388567 | 7519300 | 7478891 | 7462252 | 0.90   | cps   |
| Yttrium    | 89-2  | 279022  | 272847  | 274630  | 275500  | 1.15   | cps   |
| Zinc       | 66-2  | 5861    | 6415    | 5748    | 6008    | 5.94   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-06LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY8L             | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-10-03 15:51:19 | DataFile Name :   | 032SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 90-1 | 29541 | 28046 | 28790 | 28793   | 2.60   | cps   |
| Zirconium | 91-1 | 6585  | 6502  | 6293  | 6460    | 2.33   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY8S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:54:40 | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 260982   | 258650   | 257517   | 259050   | 0.68   | cps   |
| Antimony   | 121-1 | 156541   | 159121   | 161236   | 158966   | 1.48   | cps   |
| Arsenic    | 75-2  | 5201     | 5075     | 5014     | 5097     | 1.87   | cps   |
| Barium     | 135-1 | 1586961  | 1586392  | 1573696  | 1582350  | 0.47   | cps   |
| Barium     | 137-1 | 2773944  | 2775513  | 2784000  | 2777819  | 0.19   | cps   |
| Beryllium  | 9-1   | 21155    | 19881    | 19797    | 20278    | 3.75   | cps   |
| Bismuth    | 209-1 | 5269982  | 5365178  | 5349299  | 5328153  | 0.96   | cps   |
| Bismuth    | 209-2 | 1856909  | 1814449  | 1845106  | 1838821  | 1.19   | cps   |
| Boron      | 10-1  | 6360     | 5985     | 6585     | 6310     | 4.81   | cps   |
| Boron      | 11-1  | 28846    | 30124    | 29999    | 29657    | 2.38   | cps   |
| Cadmium    | 111-1 | 20927    | 20022    | 21335    | 20761    | 3.24   | cps   |
| Cadmium    | 106-1 | 3901     | 3942     | 4393     | 4079     | 6.69   | cps   |
| Cadmium    | 108-1 | 1358     | 1458     | 1404     | 1407     | 3.56   | cps   |
| Calcium    | 43-1  | 918907   | 929398   | 927156   | 925154   | 0.60   | cps   |
| Calcium    | 44-1  | 14989738 | 15165830 | 15148075 | 15101215 | 0.64   | cps   |
| Chromium   | 52-2  | 62871    | 62284    | 62485    | 62547    | 0.48   | cps   |
| Cobalt     | 59-2  | 240225   | 240614   | 241705   | 240848   | 0.32   | cps   |
| Copper     | 63-2  | 242125   | 242801   | 241126   | 242017   | 0.35   | cps   |
| Dysprosium | 156-1 | 62006    | 62659    | 61839    | 62168    | 0.70   | cps   |
| Dysprosium | 156-2 | 14665    | 14445    | 14228    | 14446    | 1.51   | cps   |
| Erbium     | 164-1 | 43047    | 42613    | 42587    | 42749    | 0.61   | cps   |
| Erbium     | 164-2 | 10621    | 10855    | 10668    | 10715    | 1.15   | cps   |
| Gadolinium | 160-1 | 51662    | 50767    | 50541    | 50990    | 1.16   | cps   |
| Gadolinium | 160-2 | 16925    | 16534    | 16484    | 16647    | 1.45   | cps   |
| Holmium    | 165-1 | 8067362  | 8131005  | 8279876  | 8159415  | 1.34   | cps   |
| Holmium    | 165-2 | 2235747  | 2192630  | 2196838  | 2208405  | 1.08   | cps   |
| Indium     | 115-1 | 6624070  | 6879545  | 6749507  | 6751041  | 1.89   | cps   |
| Indium     | 115-2 | 352514   | 349381   | 349972   | 350622   | 0.47   | cps   |
| Iron       | 56-2  | 36062563 | 36186722 | 35659315 | 35969533 | 0.77   | cps   |
| Iron       | 57-2  | 904344   | 900890   | 897608   | 900947   | 0.37   | cps   |
| Krypton    | 83-1  | 457      | 470      | 493      | 473      | 3.92   | cps   |
| Lead       | 206-1 | 192815   | 194083   | 190774   | 192557   | 0.87   | cps   |
| Lead       | 207-1 | 157363   | 158178   | 157842   | 157794   | 0.26   | cps   |
| Lead       | 208-1 | 742489   | 742981   | 738379   | 741283   | 0.34   | cps   |
| Lithium    | 6-1   | 1632343  | 1645960  | 1652368  | 1643557  | 0.62   | cps   |
| Magnesium  | 24-2  | 722866   | 714721   | 714743   | 717443   | 0.65   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY8S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:54:40 | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 722513   | 718212   | 711381   | 717369   | 0.78   | cps   |
| Molybdenum | 94-1  | 62286    | 63089    | 62988    | 62788    | 0.70   | cps   |
| Molybdenum | 95-1  | 19415    | 19548    | 19273    | 19412    | 0.71   | cps   |
| Molybdenum | 96-1  | 30168    | 29809    | 29641    | 29873    | 0.90   | cps   |
| Molybdenum | 97-1  | 12023    | 12189    | 11706    | 11973    | 2.05   | cps   |
| Molybdenum | 98-1  | 31070    | 30452    | 31580    | 31034    | 1.82   | cps   |
| Neodymium  | 150-1 | 104150   | 105038   | 105138   | 104775   | 0.52   | cps   |
| Neodymium  | 150-2 | 17128    | 17141    | 17308    | 17193    | 0.58   | cps   |
| Nickel     | 60-2  | 75031    | 74434    | 73710    | 74392    | 0.89   | cps   |
| Phosphorus | 31-2  | 967      | 1092     | 1092     | 1050     | 6.87   | cps   |
| Potassium  | 39-2  | 184382   | 186695   | 183321   | 184799   | 0.93   | cps   |
| Rhodium    | 103-1 | 6306689  | 6438428  | 6425870  | 6390329  | 1.14   | cps   |
| Rhodium    | 103-2 | 1982671  | 1964329  | 1982771  | 1976590  | 0.54   | cps   |
| Scandium   | 45-1  | 4606234  | 4732781  | 4792891  | 4710635  | 2.02   | cps   |
| Scandium   | 45-2  | 38917    | 38349    | 38810    | 38692    | 0.78   | cps   |
| Selenium   | 77-2  | 97       | 70       | 117      | 94       | 24.79  | cps   |
| Selenium   | 78-2  | 91       | 126      | 119      | 112      | 16.60  | cps   |
| Selenium   | 82-1  | 3790     | 3887     | 3802     | 3826     | 1.38   | cps   |
| Silicon    | 28-1  | 14480929 | 14485488 | 14324929 | 14430449 | 0.63   | cps   |
| Silver     | 109-1 | 85420    | 84606    | 84959    | 84995    | 0.48   | cps   |
| Silver     | 107-1 | 90327    | 89832    | 89110    | 89757    | 0.68   | cps   |
| Sodium     | 23-2  | 113130   | 108723   | 109890   | 110581   | 2.06   | cps   |
| Strontium  | 86-1  | 823362   | 830137   | 819875   | 824458   | 0.63   | cps   |
| Strontium  | 88-1  | 7085533  | 7183581  | 7161834  | 7143649  | 0.72   | cps   |
| Sulfur     | 34-1  | 627368   | 626919   | 630297   | 628195   | 0.29   | cps   |
| Terbium    | 159-1 | 8395768  | 8575349  | 8499037  | 8490051  | 1.06   | cps   |
| Terbium    | 159-2 | 2141142  | 2132919  | 2154898  | 2142986  | 0.52   | cps   |
| Thallium   | 203-1 | 67723    | 67732    | 68979    | 68145    | 1.06   | cps   |
| Thallium   | 205-1 | 162419   | 164267   | 161973   | 162886   | 0.75   | cps   |
| Tin        | 118-1 | 10354    | 10104    | 9487     | 9982     | 4.47   | cps   |
| Titanium   | 47-1  | 626414   | 626710   | 628669   | 627264   | 0.20   | cps   |
| Uranium    | 238-1 | 1161315  | 1164683  | 1173592  | 1166530  | 0.54   | cps   |
| Vanadium   | 51-2  | 150323   | 152746   | 150710   | 151260   | 0.86   | cps   |
| Yttrium    | 89-1  | 7786324  | 8002154  | 8049126  | 7945868  | 1.76   | cps   |
| Yttrium    | 89-2  | 288733   | 287078   | 284901   | 286904   | 0.67   | cps   |
| Zinc       | 66-2  | 43893    | 43646    | 43228    | 43589    | 0.77   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-08            | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY8S             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 15:54:40 | DataFile Name :   | 033SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 90-1 | 142237 | 142404 | 143531 | 142724  | 0.49   | cps   |
| Zirconium | 91-1 | 32439  | 31805  | 32431  | 32225   | 1.13   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-03DLX2        | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY5              | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-10-03 15:59:04 | DataFile Name :   | 034SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 105327   | 113213   | 111819   | 110120   | 3.82   | cps   |
| Antimony   | 121-1 | 3167     | 2734     | 2950     | 2950     | 7.35   | cps   |
| Arsenic    | 75-2  | 1422     | 1656     | 1650     | 1576     | 8.45   | cps   |
| Barium     | 135-1 | 387167   | 390376   | 387004   | 388182   | 0.49   | cps   |
| Barium     | 137-1 | 673117   | 680027   | 681526   | 678223   | 0.66   | cps   |
| Beryllium  | 9-1   | 2122     | 1928     | 2122     | 2058     | 5.46   | cps   |
| Bismuth    | 209-1 | 5351203  | 5371592  | 5238590  | 5320462  | 1.35   | cps   |
| Bismuth    | 209-2 | 1937362  | 1817406  | 1781559  | 1845442  | 4.42   | cps   |
| Boron      | 10-1  | 3142     | 3484     | 3501     | 3376     | 5.99   | cps   |
| Boron      | 11-1  | 14792    | 15042    | 15701    | 15178    | 3.09   | cps   |
| Cadmium    | 111-1 | 1575     | 1644     | 1812     | 1677     | 7.27   | cps   |
| Cadmium    | 106-1 | 1825     | 1750     | 1950     | 1842     | 5.49   | cps   |
| Cadmium    | 108-1 | 117      | 104      | 88       | 103      | 14.24  | cps   |
| Calcium    | 43-1  | 307350   | 309084   | 307974   | 308136   | 0.28   | cps   |
| Calcium    | 44-1  | 5090289  | 5042703  | 5018011  | 5050334  | 0.73   | cps   |
| Chromium   | 52-2  | 12426    | 13357    | 13687    | 13156    | 4.97   | cps   |
| Cobalt     | 59-2  | 21894    | 23240    | 23577    | 22904    | 3.89   | cps   |
| Copper     | 63-2  | 69299    | 73955    | 73912    | 72389    | 3.70   | cps   |
| Dysprosium | 156-1 | 28215    | 27446    | 27480    | 27713    | 1.57   | cps   |
| Dysprosium | 156-2 | 5841     | 6582     | 6682     | 6368     | 7.21   | cps   |
| Erbium     | 164-1 | 19741    | 19524    | 19724    | 19663    | 0.61   | cps   |
| Erbium     | 164-2 | 4434     | 4588     | 4941     | 4654     | 5.58   | cps   |
| Gadolinium | 160-1 | 23171    | 22161    | 23622    | 22985    | 3.25   | cps   |
| Gadolinium | 160-2 | 7502     | 7812     | 7736     | 7683     | 2.10   | cps   |
| Holmium    | 165-1 | 8106375  | 8177016  | 8054282  | 8112558  | 0.76   | cps   |
| Holmium    | 165-2 | 2377492  | 2202233  | 2098441  | 2226055  | 6.34   | cps   |
| Indium     | 115-1 | 6791393  | 6819365  | 6680059  | 6763606  | 1.09   | cps   |
| Indium     | 115-2 | 379417   | 355999   | 343217   | 359545   | 5.11   | cps   |
| Iron       | 56-2  | 15245793 | 16187249 | 16183996 | 15872346 | 3.42   | cps   |
| Iron       | 57-2  | 380105   | 405190   | 402211   | 395835   | 3.46   | cps   |
| Krypton    | 83-1  | 377      | 390      | 380      | 382      | 1.82   | cps   |
| Lead       | 206-1 | 78659    | 78665    | 78274    | 78533    | 0.29   | cps   |
| Lead       | 207-1 | 64212    | 62537    | 64090    | 63613    | 1.47   | cps   |
| Lead       | 208-1 | 303137   | 301159   | 302276   | 302191   | 0.33   | cps   |
| Lithium    | 6-1   | 1655083  | 1643566  | 1621127  | 1639925  | 1.05   | cps   |
| Magnesium  | 24-2  | 291725   | 310711   | 305983   | 302806   | 3.26   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-03DLX2        | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY5              | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-10-03 15:59:04 | DataFile Name :   | 034SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 281782  | 299871  | 302495  | 294716  | 3.83   | cps   |
| Molybdenum | 94-1  | 27713   | 29358   | 29725   | 28932   | 3.70   | cps   |
| Molybdenum | 95-1  | 5543    | 6077    | 5343    | 5654    | 6.71   | cps   |
| Molybdenum | 96-1  | 10513   | 10196   | 10379   | 10363   | 1.54   | cps   |
| Molybdenum | 97-1  | 3742    | 3517    | 3651    | 3637    | 3.11   | cps   |
| Molybdenum | 98-1  | 8637    | 8603    | 9037    | 8759    | 2.76   | cps   |
| Neodymium  | 150-1 | 46838   | 47527   | 47292   | 47219   | 0.74   | cps   |
| Neodymium  | 150-2 | 7692    | 8033    | 7662    | 7796    | 2.64   | cps   |
| Nickel     | 60-2  | 8486    | 8926    | 8900    | 8771    | 2.81   | cps   |
| Phosphorus | 31-2  | 558     | 400     | 442     | 467     | 17.59  | cps   |
| Potassium  | 39-2  | 80163   | 84830   | 84814   | 83269   | 3.23   | cps   |
| Rhodium    | 103-1 | 6507180 | 6369799 | 6351967 | 6409649 | 1.33   | cps   |
| Rhodium    | 103-2 | 2152417 | 1978841 | 1931612 | 2020957 | 5.75   | cps   |
| Scandium   | 45-1  | 4656268 | 4696647 | 4593243 | 4648719 | 1.12   | cps   |
| Scandium   | 45-2  | 40903   | 37904   | 36672   | 38493   | 5.65   | cps   |
| Selenium   | 77-2  | 37      | 30      | 37      | 34      | 11.18  | cps   |
| Selenium   | 78-2  | 22      | 9       | 13      | 15      | 45.07  | cps   |
| Selenium   | 82-1  | 289     | 291     | 325     | 301     | 6.65   | cps   |
| Silicon    | 28-1  | 7366425 | 7232360 | 7321863 | 7306883 | 0.93   | cps   |
| Silver     | 109-1 | 2442    | 2625    | 2784    | 2617    | 6.53   | cps   |
| Silver     | 107-1 | 2650    | 2834    | 2692    | 2725    | 3.53   | cps   |
| Sodium     | 23-2  | 53352   | 56789   | 56019   | 55386   | 3.26   | cps   |
| Strontium  | 86-1  | 314527  | 319046  | 314516  | 316030  | 0.83   | cps   |
| Strontium  | 88-1  | 2787696 | 2752470 | 2818238 | 2786135 | 1.18   | cps   |
| Sulfur     | 34-1  | 438142  | 438514  | 433719  | 436792  | 0.61   | cps   |
| Terbium    | 159-1 | 8527260 | 8565885 | 8372176 | 8488440 | 1.21   | cps   |
| Terbium    | 159-2 | 2308306 | 2145335 | 2072305 | 2175315 | 5.55   | cps   |
| Thallium   | 203-1 | 2734    | 2750    | 2409    | 2631    | 7.32   | cps   |
| Thallium   | 205-1 | 6268    | 6260    | 6852    | 6460    | 5.25   | cps   |
| Tin        | 118-1 | 5351    | 4734    | 5009    | 5032    | 6.14   | cps   |
| Titanium   | 47-1  | 393452  | 396712  | 394801  | 394988  | 0.41   | cps   |
| Uranium    | 238-1 | 111857  | 113397  | 112927  | 112727  | 0.70   | cps   |
| Vanadium   | 51-2  | 37935   | 39910   | 39536   | 39127   | 2.68   | cps   |
| Yttrium    | 89-1  | 7576670 | 7630352 | 7585373 | 7597465 | 0.38   | cps   |
| Yttrium    | 89-2  | 295182  | 273855  | 266726  | 278588  | 5.31   | cps   |
| Zinc       | 66-2  | 12176   | 12789   | 13210   | 12725   | 4.09   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-03DLX2        | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY5              | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-10-03 15:59:04 | DataFile Name :   | 034SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 90-1 | 69562 | 71320 | 71630 | 70837   | 1.57   | cps   |
| Zirconium | 91-1 | 15860 | 15242 | 15843 | 15648   | 2.25   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-04DLX2        | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY6              | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-10-03 16:02:25 | DataFile Name :   | 035SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 131474   | 130674   | 131618   | 131255   | 0.39   | cps   |
| Antimony   | 121-1 | 2834     | 2492     | 2767     | 2698     | 6.72   | cps   |
| Arsenic    | 75-2  | 1913     | 2045     | 1933     | 1964     | 3.60   | cps   |
| Barium     | 135-1 | 429309   | 430832   | 433492   | 431211   | 0.49   | cps   |
| Barium     | 137-1 | 748187   | 758166   | 759127   | 755160   | 0.80   | cps   |
| Beryllium  | 9-1   | 2261     | 2428     | 2350     | 2347     | 3.55   | cps   |
| Bismuth    | 209-1 | 5275718  | 5425116  | 5279298  | 5326711  | 1.60   | cps   |
| Bismuth    | 209-2 | 1837546  | 1817903  | 1839596  | 1831681  | 0.65   | cps   |
| Boron      | 10-1  | 3326     | 3392     | 3476     | 3398     | 2.21   | cps   |
| Boron      | 11-1  | 15985    | 15910    | 16961    | 16285    | 3.60   | cps   |
| Cadmium    | 111-1 | 1646     | 1691     | 1727     | 1688     | 2.40   | cps   |
| Cadmium    | 106-1 | 1859     | 1942     | 2017     | 1939     | 4.08   | cps   |
| Cadmium    | 108-1 | 96       | 79       | 121      | 99       | 21.27  | cps   |
| Calcium    | 43-1  | 349695   | 348240   | 347333   | 348423   | 0.34   | cps   |
| Calcium    | 44-1  | 5740436  | 5761533  | 5721018  | 5740996  | 0.35   | cps   |
| Chromium   | 52-2  | 15228    | 14805    | 15269    | 15101    | 1.70   | cps   |
| Cobalt     | 59-2  | 27551    | 26639    | 26656    | 26949    | 1.94   | cps   |
| Copper     | 63-2  | 82469    | 81893    | 81215    | 81859    | 0.77   | cps   |
| Dysprosium | 156-1 | 31715    | 32809    | 33569    | 32697    | 2.85   | cps   |
| Dysprosium | 156-2 | 7832     | 7659     | 7666     | 7719     | 1.27   | cps   |
| Erbium     | 164-1 | 23096    | 21302    | 22103    | 22167    | 4.06   | cps   |
| Erbium     | 164-2 | 5778     | 5971     | 5681     | 5810     | 2.54   | cps   |
| Gadolinium | 160-1 | 26670    | 27346    | 26085    | 26700    | 2.36   | cps   |
| Gadolinium | 160-2 | 9097     | 8943     | 9197     | 9079     | 1.41   | cps   |
| Holmium    | 165-1 | 8160782  | 8297112  | 8044788  | 8167560  | 1.55   | cps   |
| Holmium    | 165-2 | 2202935  | 2181524  | 2248849  | 2211102  | 1.56   | cps   |
| Indium     | 115-1 | 6755552  | 6820124  | 6761989  | 6779222  | 0.52   | cps   |
| Indium     | 115-2 | 354684   | 351550   | 361952   | 356062   | 1.50   | cps   |
| Iron       | 56-2  | 18542021 | 18429741 | 18263039 | 18411601 | 0.76   | cps   |
| Iron       | 57-2  | 463290   | 459428   | 459480   | 460733   | 0.48   | cps   |
| Krypton    | 83-1  | 390      | 377      | 370      | 379      | 2.69   | cps   |
| Lead       | 206-1 | 87523    | 86319    | 85878    | 86573    | 0.98   | cps   |
| Lead       | 207-1 | 69562    | 71663    | 70233    | 70486    | 1.52   | cps   |
| Lead       | 208-1 | 330748   | 337078   | 333681   | 333836   | 0.95   | cps   |
| Lithium    | 6-1   | 1610521  | 1655693  | 1639258  | 1635157  | 1.40   | cps   |
| Magnesium  | 24-2  | 379596   | 374776   | 374578   | 376317   | 0.76   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-04DLX2        | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY6              | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-10-03 16:02:25 | DataFile Name :   | 035SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 316225  | 315535  | 314459  | 315407  | 0.28   | cps   |
| Molybdenum | 94-1  | 29875   | 29341   | 29950   | 29722   | 1.12   | cps   |
| Molybdenum | 95-1  | 6802    | 7294    | 7386    | 7161    | 4.38   | cps   |
| Molybdenum | 96-1  | 12840   | 13049   | 11973   | 12620   | 4.52   | cps   |
| Molybdenum | 97-1  | 4676    | 4701    | 4668    | 4682    | 0.37   | cps   |
| Molybdenum | 98-1  | 11122   | 10980   | 11255   | 11119   | 1.24   | cps   |
| Neodymium  | 150-1 | 56515   | 55900   | 56857   | 56424   | 0.86   | cps   |
| Neodymium  | 150-2 | 9427    | 9447    | 9190    | 9355    | 1.53   | cps   |
| Nickel     | 60-2  | 10157   | 10261   | 9854    | 10090   | 2.10   | cps   |
| Phosphorus | 31-2  | 608     | 533     | 692     | 611     | 12.96  | cps   |
| Potassium  | 39-2  | 107358  | 104899  | 105795  | 106017  | 1.17   | cps   |
| Rhodium    | 103-1 | 6442779 | 6535468 | 6501732 | 6493326 | 0.72   | cps   |
| Rhodium    | 103-2 | 1966144 | 1972265 | 2061152 | 1999854 | 2.66   | cps   |
| Scandium   | 45-1  | 4633218 | 4729967 | 4657835 | 4673673 | 1.08   | cps   |
| Scandium   | 45-2  | 38102   | 37470   | 39930   | 38501   | 3.32   | cps   |
| Selenium   | 77-2  | 43      | 50      | 30      | 41      | 24.77  | cps   |
| Selenium   | 78-2  | 19      | 22      | 19      | 20      | 10.81  | cps   |
| Selenium   | 82-1  | 366     | 317     | 289     | 324     | 12.05  | cps   |
| Silicon    | 28-1  | 8162165 | 8140950 | 8178416 | 8160510 | 0.23   | cps   |
| Silver     | 109-1 | 2500    | 2267    | 2367    | 2378    | 4.92   | cps   |
| Silver     | 107-1 | 2400    | 2609    | 2309    | 2439    | 6.30   | cps   |
| Sodium     | 23-2  | 66104   | 66045   | 65184   | 65777   | 0.78   | cps   |
| Strontium  | 86-1  | 361680  | 362600  | 365714  | 363331  | 0.58   | cps   |
| Strontium  | 88-1  | 3162697 | 3197221 | 3181974 | 3180631 | 0.54   | cps   |
| Sulfur     | 34-1  | 431804  | 433129  | 433842  | 432925  | 0.24   | cps   |
| Terbium    | 159-1 | 8530858 | 8665917 | 8478564 | 8558446 | 1.13   | cps   |
| Terbium    | 159-2 | 2134691 | 2178075 | 2202647 | 2171805 | 1.58   | cps   |
| Thallium   | 203-1 | 3251    | 3059    | 3217    | 3176    | 3.23   | cps   |
| Thallium   | 205-1 | 7828    | 8153    | 8128    | 8036    | 2.25   | cps   |
| Tin        | 118-1 | 5626    | 5718    | 5610    | 5651    | 1.03   | cps   |
| Titanium   | 47-1  | 398247  | 403029  | 402413  | 401230  | 0.65   | cps   |
| Uranium    | 238-1 | 135304  | 137284  | 136965  | 136518  | 0.78   | cps   |
| Vanadium   | 51-2  | 45915   | 45811   | 45581   | 45769   | 0.37   | cps   |
| Yttrium    | 89-1  | 7623778 | 7738354 | 7631175 | 7664436 | 0.84   | cps   |
| Yttrium    | 89-2  | 274571  | 277555  | 281973  | 278033  | 1.34   | cps   |
| Zinc       | 66-2  | 15953   | 15706   | 15659   | 15772   | 1.00   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-04DLX2        | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY6              | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-10-03 16:02:25 | DataFile Name :   | 035SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 90-1 | 69863 | 68490 | 70667 | 69673   | 1.58   | cps   |
| Zirconium | 91-1 | 15401 | 14825 | 16085 | 15437   | 4.09   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-05DLX2        | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY7              | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-10-03 16:05:45 | DataFile Name :   | 036SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 132842   | 130807   | 131080   | 131576   | 0.84   | cps   |
| Antimony   | 121-1 | 2192     | 2292     | 2192     | 2225     | 2.60   | cps   |
| Arsenic    | 75-2  | 2674     | 2682     | 2798     | 2718     | 2.56   | cps   |
| Barium     | 135-1 | 497207   | 489323   | 498368   | 494966   | 0.99   | cps   |
| Barium     | 137-1 | 863514   | 859832   | 865514   | 862953   | 0.33   | cps   |
| Beryllium  | 9-1   | 2473     | 2473     | 2523     | 2489     | 1.16   | cps   |
| Bismuth    | 209-1 | 5465630  | 5387024  | 5444771  | 5432475  | 0.75   | cps   |
| Bismuth    | 209-2 | 1821500  | 1768640  | 1824001  | 1804714  | 1.73   | cps   |
| Boron      | 10-1  | 3784     | 3967     | 3751     | 3834     | 3.04   | cps   |
| Boron      | 11-1  | 18104    | 18037    | 17745    | 17962    | 1.06   | cps   |
| Cadmium    | 111-1 | 1702     | 1705     | 1803     | 1737     | 3.31   | cps   |
| Cadmium    | 106-1 | 1850     | 1992     | 2009     | 1950     | 4.46   | cps   |
| Cadmium    | 108-1 | 92       | 133      | 88       | 104      | 24.33  | cps   |
| Calcium    | 43-1  | 795000   | 798679   | 794338   | 796006   | 0.29   | cps   |
| Calcium    | 44-1  | 13135281 | 12977586 | 13123500 | 13078789 | 0.67   | cps   |
| Chromium   | 52-2  | 14795    | 14748    | 14534    | 14692    | 0.94   | cps   |
| Cobalt     | 59-2  | 26004    | 26315    | 25684    | 26001    | 1.21   | cps   |
| Copper     | 63-2  | 98580    | 97650    | 96727    | 97652    | 0.95   | cps   |
| Dysprosium | 156-1 | 34547    | 33536    | 33511    | 33865    | 1.75   | cps   |
| Dysprosium | 156-2 | 7662     | 7492     | 7462     | 7539     | 1.43   | cps   |
| Erbium     | 164-1 | 23305    | 22863    | 23305    | 23158    | 1.10   | cps   |
| Erbium     | 164-2 | 5675     | 5861     | 5671     | 5736     | 1.90   | cps   |
| Gadolinium | 160-1 | 26879    | 27397    | 28198    | 27491    | 2.42   | cps   |
| Gadolinium | 160-2 | 9424     | 9227     | 8863     | 9171     | 3.10   | cps   |
| Holmium    | 165-1 | 8196813  | 8212734  | 8262706  | 8224085  | 0.42   | cps   |
| Holmium    | 165-2 | 2178451  | 2132354  | 2190140  | 2166982  | 1.41   | cps   |
| Indium     | 115-1 | 6773601  | 6860485  | 6782278  | 6805455  | 0.70   | cps   |
| Indium     | 115-2 | 345479   | 335933   | 347590   | 343001   | 1.81   | cps   |
| Iron       | 56-2  | 19091846 | 19071974 | 18963064 | 19042295 | 0.36   | cps   |
| Iron       | 57-2  | 479545   | 474893   | 476384   | 476941   | 0.50   | cps   |
| Krypton    | 83-1  | 460      | 443      | 350      | 418      | 14.19  | cps   |
| Lead       | 206-1 | 93672    | 94354    | 94466    | 94164    | 0.46   | cps   |
| Lead       | 207-1 | 76983    | 77458    | 78005    | 77482    | 0.66   | cps   |
| Lead       | 208-1 | 362484   | 362654   | 366680   | 363939   | 0.65   | cps   |
| Lithium    | 6-1   | 1624267  | 1638173  | 1619939  | 1627460  | 0.59   | cps   |
| Magnesium  | 24-2  | 375570   | 370633   | 372535   | 372913   | 0.67   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-05DLX2        | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY7              | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-10-03 16:05:45 | DataFile Name :   | 036SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 415033  | 408896  | 411451  | 411794  | 0.75   | cps   |
| Molybdenum | 94-1  | 36826   | 36584   | 35589   | 36333   | 1.80   | cps   |
| Molybdenum | 95-1  | 14692   | 15384   | 14742   | 14939   | 2.58   | cps   |
| Molybdenum | 96-1  | 21293   | 20257   | 20800   | 20783   | 2.49   | cps   |
| Molybdenum | 97-1  | 9262    | 9120    | 9404    | 9262    | 1.53   | cps   |
| Molybdenum | 98-1  | 24014   | 23296   | 22929   | 23413   | 2.36   | cps   |
| Neodymium  | 150-1 | 56241   | 55960   | 56716   | 56306   | 0.68   | cps   |
| Neodymium  | 150-2 | 9277    | 9077    | 9107    | 9153    | 1.18   | cps   |
| Nickel     | 60-2  | 10688   | 10444   | 10354   | 10495   | 1.64   | cps   |
| Phosphorus | 31-2  | 592     | 575     | 508     | 558     | 7.90   | cps   |
| Potassium  | 39-2  | 97302   | 96328   | 97260   | 96963   | 0.57   | cps   |
| Rhodium    | 103-1 | 6426013 | 6436027 | 6532318 | 6464786 | 0.91   | cps   |
| Rhodium    | 103-2 | 1962830 | 1872545 | 1951732 | 1929036 | 2.55   | cps   |
| Scandium   | 45-1  | 4689149 | 4629191 | 4594093 | 4637478 | 1.04   | cps   |
| Scandium   | 45-2  | 37189   | 35652   | 36347   | 36396   | 2.11   | cps   |
| Selenium   | 77-2  | 33      | 37      | 27      | 32      | 15.80  | cps   |
| Selenium   | 78-2  | 20      | 15      | 15      | 17      | 19.26  | cps   |
| Selenium   | 82-1  | 244     | 346     | 330     | 307     | 17.84  | cps   |
| Silicon    | 28-1  | 9337095 | 9299889 | 9323886 | 9320290 | 0.20   | cps   |
| Silver     | 109-1 | 2334    | 2484    | 2559    | 2459    | 4.66   | cps   |
| Silver     | 107-1 | 2617    | 2642    | 2709    | 2656    | 1.78   | cps   |
| Sodium     | 23-2  | 63902   | 64605   | 65343   | 64617   | 1.12   | cps   |
| Strontium  | 86-1  | 571011  | 570787  | 565157  | 568985  | 0.58   | cps   |
| Strontium  | 88-1  | 4962448 | 4983247 | 4940196 | 4961964 | 0.43   | cps   |
| Sulfur     | 34-1  | 562224  | 562752  | 565312  | 563429  | 0.29   | cps   |
| Terbium    | 159-1 | 8603541 | 8678746 | 8646967 | 8643084 | 0.44   | cps   |
| Terbium    | 159-2 | 2117492 | 2081338 | 2120570 | 2106467 | 1.04   | cps   |
| Thallium   | 203-1 | 2659    | 3009    | 3076    | 2914    | 7.68   | cps   |
| Thallium   | 205-1 | 6952    | 6427    | 7277    | 6886    | 6.23   | cps   |
| Tin        | 118-1 | 5651    | 5535    | 5802    | 5663    | 2.36   | cps   |
| Titanium   | 47-1  | 340159  | 340066  | 343666  | 341297  | 0.60   | cps   |
| Uranium    | 238-1 | 237774  | 237614  | 238419  | 237936  | 0.18   | cps   |
| Vanadium   | 51-2  | 46320   | 46143   | 46403   | 46289   | 0.29   | cps   |
| Yttrium    | 89-1  | 7635696 | 7753301 | 7706668 | 7698555 | 0.77   | cps   |
| Yttrium    | 89-2  | 270819  | 263331  | 270349  | 268166  | 1.56   | cps   |
| Zinc       | 66-2  | 15085   | 15232   | 15062   | 15126   | 0.61   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-05DLX2        | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY7              | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-10-03 16:05:45 | DataFile Name :   | 036SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 90-1 | 76817 | 77077 | 76047 | 76647   | 0.70   | cps   |
| Zirconium | 91-1 | 17078 | 16536 | 17921 | 17178   | 4.06   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-06DLX2        | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY8              | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-10-03 16:09:05 | DataFile Name :   | 037SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 132215   | 130338   | 129738   | 130764   | 0.99   | cps   |
| Antimony   | 121-1 | 1984     | 2234     | 2367     | 2195     | 8.87   | cps   |
| Arsenic    | 75-2  | 2185     | 2039     | 2182     | 2135     | 3.91   | cps   |
| Barium     | 135-1 | 448557   | 448388   | 447835   | 448260   | 0.08   | cps   |
| Barium     | 137-1 | 781000   | 785733   | 787670   | 784801   | 0.44   | cps   |
| Beryllium  | 9-1   | 2239     | 2461     | 2456     | 2385     | 5.31   | cps   |
| Bismuth    | 209-1 | 5372521  | 5403615  | 5527622  | 5434586  | 1.51   | cps   |
| Bismuth    | 209-2 | 1861470  | 1848558  | 1844782  | 1851603  | 0.47   | cps   |
| Boron      | 10-1  | 3701     | 3409     | 3584     | 3564     | 4.12   | cps   |
| Boron      | 11-1  | 15809    | 16568    | 16543    | 16307    | 2.64   | cps   |
| Cadmium    | 111-1 | 1920     | 1858     | 1734     | 1837     | 5.17   | cps   |
| Cadmium    | 106-1 | 2200     | 2000     | 1850     | 2017     | 8.71   | cps   |
| Cadmium    | 108-1 | 100      | 67       | 100      | 89       | 21.65  | cps   |
| Calcium    | 43-1  | 460647   | 465894   | 464399   | 463647   | 0.58   | cps   |
| Calcium    | 44-1  | 7514945  | 7600995  | 7577924  | 7564621  | 0.59   | cps   |
| Chromium   | 52-2  | 13991    | 14071    | 13647    | 13903    | 1.62   | cps   |
| Cobalt     | 59-2  | 26008    | 25938    | 25477    | 25807    | 1.12   | cps   |
| Copper     | 63-2  | 83190    | 82355    | 83130    | 82892    | 0.56   | cps   |
| Dysprosium | 156-1 | 31907    | 30720    | 31973    | 31534    | 2.24   | cps   |
| Dysprosium | 156-2 | 7035     | 7109     | 7112     | 7085     | 0.61   | cps   |
| Erbium     | 164-1 | 21552    | 21635    | 22328    | 21839    | 1.95   | cps   |
| Erbium     | 164-2 | 5455     | 5331     | 5701     | 5496     | 3.43   | cps   |
| Gadolinium | 160-1 | 27029    | 26812    | 25977    | 26606    | 2.09   | cps   |
| Gadolinium | 160-2 | 8977     | 8743     | 8413     | 8711     | 3.25   | cps   |
| Holmium    | 165-1 | 8247700  | 8284571  | 8362725  | 8298332  | 0.71   | cps   |
| Holmium    | 165-2 | 2246541  | 2240290  | 2234080  | 2240304  | 0.28   | cps   |
| Indium     | 115-1 | 6850437  | 6800666  | 6871378  | 6840827  | 0.53   | cps   |
| Indium     | 115-2 | 355207   | 360120   | 357813   | 357714   | 0.69   | cps   |
| Iron       | 56-2  | 18442504 | 18287098 | 18175711 | 18301771 | 0.73   | cps   |
| Iron       | 57-2  | 460705   | 454913   | 457638   | 457752   | 0.63   | cps   |
| Krypton    | 83-1  | 390      | 413      | 430      | 411      | 4.89   | cps   |
| Lead       | 206-1 | 88008    | 90516    | 89698    | 89407    | 1.43   | cps   |
| Lead       | 207-1 | 73870    | 72562    | 73020    | 73151    | 0.91   | cps   |
| Lead       | 208-1 | 343680   | 343013   | 346148   | 344280   | 0.48   | cps   |
| Lithium    | 6-1   | 1614084  | 1643193  | 1642789  | 1633355  | 1.02   | cps   |
| Magnesium  | 24-2  | 363488   | 360846   | 363549   | 362627   | 0.43   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-06DLX2        | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY8              | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-10-03 16:09:05 | DataFile Name :   | 037SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 353681  | 353006  | 350453  | 352380  | 0.48   | cps   |
| Molybdenum | 94-1  | 31512   | 32064   | 30268   | 31282   | 2.94   | cps   |
| Molybdenum | 95-1  | 9921    | 10063   | 10580   | 10188   | 3.40   | cps   |
| Molybdenum | 96-1  | 14934   | 15476   | 15326   | 15245   | 1.84   | cps   |
| Molybdenum | 97-1  | 5693    | 6260    | 6594    | 6182    | 7.36   | cps   |
| Molybdenum | 98-1  | 15793   | 16177   | 15718   | 15896   | 1.55   | cps   |
| Neodymium  | 150-1 | 53389   | 54319   | 52793   | 53500   | 1.44   | cps   |
| Neodymium  | 150-2 | 9023    | 9093    | 8620    | 8912    | 2.87   | cps   |
| Nickel     | 60-2  | 9964    | 9867    | 9797    | 9876    | 0.85   | cps   |
| Phosphorus | 31-2  | 658     | 533     | 592     | 594     | 10.52  | cps   |
| Potassium  | 39-2  | 95497   | 94465   | 94894   | 94952   | 0.55   | cps   |
| Rhodium    | 103-1 | 6430261 | 6535621 | 6563108 | 6509664 | 1.08   | cps   |
| Rhodium    | 103-2 | 1994901 | 2016270 | 2032780 | 2014650 | 0.94   | cps   |
| Scandium   | 45-1  | 4698509 | 4649873 | 4733682 | 4694022 | 0.90   | cps   |
| Scandium   | 45-2  | 37948   | 38874   | 38510   | 38444   | 1.21   | cps   |
| Selenium   | 77-2  | 27      | 50      | 47      | 41      | 30.69  | cps   |
| Selenium   | 78-2  | 17      | 19      | 19      | 18      | 5.97   | cps   |
| Selenium   | 82-1  | 270     | 295     | 303     | 289     | 6.01   | cps   |
| Silicon    | 28-1  | 7539039 | 7523992 | 7554387 | 7539139 | 0.20   | cps   |
| Silver     | 109-1 | 2392    | 2367    | 2317    | 2359    | 1.62   | cps   |
| Silver     | 107-1 | 2517    | 2550    | 2667    | 2578    | 3.06   | cps   |
| Sodium     | 23-2  | 61575   | 59116   | 59107   | 59933   | 2.37   | cps   |
| Strontium  | 86-1  | 415378  | 414066  | 415487  | 414977  | 0.19   | cps   |
| Strontium  | 88-1  | 3600036 | 3655251 | 3663116 | 3639468 | 0.94   | cps   |
| Sulfur     | 34-1  | 497268  | 497738  | 499028  | 498011  | 0.18   | cps   |
| Terbium    | 159-1 | 8640643 | 8637641 | 8587177 | 8621820 | 0.35   | cps   |
| Terbium    | 159-2 | 2162597 | 2198539 | 2167029 | 2176055 | 0.90   | cps   |
| Thallium   | 203-1 | 2700    | 2825    | 3201    | 2909    | 8.95   | cps   |
| Thallium   | 205-1 | 6227    | 6902    | 6944    | 6691    | 6.02   | cps   |
| Tin        | 118-1 | 5752    | 6235    | 5626    | 5871    | 5.48   | cps   |
| Titanium   | 47-1  | 316488  | 318902  | 316547  | 317312  | 0.43   | cps   |
| Uranium    | 238-1 | 179739  | 177872  | 181102  | 179571  | 0.90   | cps   |
| Vanadium   | 51-2  | 45397   | 44130   | 44056   | 44527   | 1.69   | cps   |
| Yttrium    | 89-1  | 7708381 | 7697558 | 7736234 | 7714057 | 0.26   | cps   |
| Yttrium    | 89-2  | 279851  | 280328  | 276553  | 278910  | 0.74   | cps   |
| Zinc       | 66-2  | 15092   | 14451   | 14965   | 14836   | 2.29   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-06DLX2        | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY8              | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-10-03 16:09:05 | DataFile Name :   | 037SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 90-1 | 72720 | 71228 | 73725 | 72558   | 1.73   | cps   |
| Zirconium | 91-1 | 15760 | 16244 | 15835 | 15946   | 1.63   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-07DLX2        | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY8D             | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-10-03 16:12:26 | DataFile Name :   | 038SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 129538   | 130202   | 129945   | 129895   | 0.26   | cps   |
| Antimony   | 121-1 | 2109     | 2117     | 2192     | 2139     | 2.15   | cps   |
| Arsenic    | 75-2  | 2167     | 2154     | 2104     | 2142     | 1.55   | cps   |
| Barium     | 135-1 | 442148   | 452012   | 443050   | 445737   | 1.22   | cps   |
| Barium     | 137-1 | 784824   | 787386   | 778796   | 783669   | 0.56   | cps   |
| Beryllium  | 9-1   | 2222     | 2356     | 2172     | 2250     | 4.21   | cps   |
| Bismuth    | 209-1 | 5293101  | 5305251  | 5468039  | 5355464  | 1.82   | cps   |
| Bismuth    | 209-2 | 1891803  | 1861276  | 1846506  | 1866528  | 1.24   | cps   |
| Boron      | 10-1  | 3259     | 3000     | 3642     | 3301     | 9.78   | cps   |
| Boron      | 11-1  | 15718    | 16636    | 16185    | 16179    | 2.84   | cps   |
| Cadmium    | 111-1 | 1520     | 1789     | 1673     | 1661     | 8.13   | cps   |
| Cadmium    | 106-1 | 1809     | 2092     | 1900     | 1934     | 7.48   | cps   |
| Cadmium    | 108-1 | 125      | 125      | 100      | 117      | 12.37  | cps   |
| Calcium    | 43-1  | 485168   | 490718   | 481504   | 485797   | 0.95   | cps   |
| Calcium    | 44-1  | 7930444  | 7951187  | 7863221  | 7914950  | 0.58   | cps   |
| Chromium   | 52-2  | 13974    | 14231    | 13924    | 14043    | 1.17   | cps   |
| Cobalt     | 59-2  | 25974    | 25564    | 26241    | 25926    | 1.32   | cps   |
| Copper     | 63-2  | 82288    | 83093    | 82114    | 82498    | 0.63   | cps   |
| Dysprosium | 156-1 | 33017    | 31890    | 31923    | 32277    | 1.99   | cps   |
| Dysprosium | 156-2 | 7336     | 7085     | 7409     | 7277     | 2.33   | cps   |
| Erbium     | 164-1 | 21794    | 21435    | 21919    | 21716    | 1.16   | cps   |
| Erbium     | 164-2 | 5605     | 5555     | 5308     | 5489     | 2.89   | cps   |
| Gadolinium | 160-1 | 26127    | 26102    | 26002    | 26077    | 0.25   | cps   |
| Gadolinium | 160-2 | 9043     | 8493     | 8726     | 8754     | 3.16   | cps   |
| Holmium    | 165-1 | 8069559  | 8172075  | 8303011  | 8181548  | 1.43   | cps   |
| Holmium    | 165-2 | 2270589  | 2241928  | 2222549  | 2245022  | 1.08   | cps   |
| Indium     | 115-1 | 6654600  | 6626705  | 6824758  | 6702021  | 1.60   | cps   |
| Indium     | 115-2 | 363562   | 352201   | 351966   | 355910   | 1.86   | cps   |
| Iron       | 56-2  | 18341655 | 18310127 | 18309992 | 18320592 | 0.10   | cps   |
| Iron       | 57-2  | 456129   | 455832   | 455651   | 455871   | 0.05   | cps   |
| Krypton    | 83-1  | 383      | 460      | 467      | 437      | 10.61  | cps   |
| Lead       | 206-1 | 89329    | 89429    | 87270    | 88676    | 1.37   | cps   |
| Lead       | 207-1 | 72120    | 72160    | 72401    | 72227    | 0.21   | cps   |
| Lead       | 208-1 | 339578   | 344878   | 341693   | 342050   | 0.78   | cps   |
| Lithium    | 6-1   | 1618007  | 1617776  | 1642245  | 1626009  | 0.86   | cps   |
| Magnesium  | 24-2  | 364322   | 361669   | 357476   | 361156   | 0.96   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-07DLX2        | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY8D             | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-10-03 16:12:26 | DataFile Name :   | 038SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 350840  | 352066  | 354424  | 352443  | 0.52   | cps   |
| Molybdenum | 94-1  | 32573   | 30519   | 32465   | 31852   | 3.63   | cps   |
| Molybdenum | 95-1  | 9871    | 10254   | 10113   | 10079   | 1.92   | cps   |
| Molybdenum | 96-1  | 15810   | 15451   | 15501   | 15587   | 1.25   | cps   |
| Molybdenum | 97-1  | 6427    | 6460    | 6544    | 6477    | 0.93   | cps   |
| Molybdenum | 98-1  | 15626   | 15701   | 16344   | 15891   | 2.48   | cps   |
| Neodymium  | 150-1 | 53831   | 53302   | 53483   | 53539   | 0.50   | cps   |
| Neodymium  | 150-2 | 9057    | 8920    | 8690    | 8889    | 2.09   | cps   |
| Nickel     | 60-2  | 9967    | 9814    | 9877    | 9886    | 0.78   | cps   |
| Phosphorus | 31-2  | 492     | 583     | 533     | 536     | 8.56   | cps   |
| Potassium  | 39-2  | 95498   | 96036   | 96261   | 95932   | 0.41   | cps   |
| Rhodium    | 103-1 | 6292469 | 6330093 | 6426855 | 6349806 | 1.09   | cps   |
| Rhodium    | 103-2 | 2050046 | 1974091 | 1976683 | 2000273 | 2.16   | cps   |
| Scandium   | 45-1  | 4581288 | 4547227 | 4675063 | 4601193 | 1.44   | cps   |
| Scandium   | 45-2  | 38529   | 37590   | 38118   | 38079   | 1.24   | cps   |
| Selenium   | 77-2  | 37      | 20      | 30      | 29      | 29.04  | cps   |
| Selenium   | 78-2  | 15      | 22      | 17      | 18      | 21.54  | cps   |
| Selenium   | 82-1  | 284     | 269     | 274     | 276     | 2.71   | cps   |
| Silicon    | 28-1  | 7684515 | 7707674 | 7685306 | 7692498 | 0.17   | cps   |
| Silver     | 109-1 | 2342    | 2225    | 2342    | 2303    | 2.93   | cps   |
| Silver     | 107-1 | 2375    | 2409    | 2250    | 2345    | 3.56   | cps   |
| Sodium     | 23-2  | 58922   | 59885   | 59466   | 59425   | 0.81   | cps   |
| Strontium  | 86-1  | 425652  | 425658  | 420470  | 423927  | 0.71   | cps   |
| Strontium  | 88-1  | 3737678 | 3702452 | 3752914 | 3731015 | 0.69   | cps   |
| Sulfur     | 34-1  | 499321  | 503153  | 495378  | 499284  | 0.78   | cps   |
| Terbium    | 159-1 | 8297684 | 8502656 | 8610024 | 8470121 | 1.87   | cps   |
| Terbium    | 159-2 | 2211530 | 2154644 | 2160745 | 2175640 | 1.44   | cps   |
| Thallium   | 203-1 | 2875    | 2809    | 2800    | 2828    | 1.45   | cps   |
| Thallium   | 205-1 | 6060    | 6844    | 6827    | 6577    | 6.81   | cps   |
| Tin        | 118-1 | 5927    | 5510    | 5593    | 5676    | 3.89   | cps   |
| Titanium   | 47-1  | 320741  | 322638  | 322792  | 322057  | 0.35   | cps   |
| Uranium    | 238-1 | 177975  | 180491  | 180249  | 179571  | 0.77   | cps   |
| Vanadium   | 51-2  | 43404   | 43798   | 44069   | 43757   | 0.76   | cps   |
| Yttrium    | 89-1  | 7466790 | 7488069 | 7699329 | 7551396 | 1.70   | cps   |
| Yttrium    | 89-2  | 281041  | 274559  | 275729  | 277109  | 1.25   | cps   |
| Zinc       | 66-2  | 14211   | 14241   | 14494   | 14315   | 1.09   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-07DLX2        | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY8D             | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-10-03 16:12:26 | DataFile Name :   | 038SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 90-1 | 72611 | 74587 | 73256 | 73485   | 1.37   | cps   |
| Zirconium | 91-1 | 16344 | 16436 | 16544 | 16441   | 0.61   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-06LDLX10      | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY8L             | Dilution Factor : | 10        |
| Date & Time Acquired :: | 2018-10-03 16:15:47 | DataFile Name :   | 039SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 27088   | 26860   | 27265   | 27071   | 0.75   | cps   |
| Antimony   | 121-1 | 767     | 842     | 883     | 831     | 7.12   | cps   |
| Arsenic    | 75-2  | 415     | 404     | 409     | 409     | 1.36   | cps   |
| Barium     | 135-1 | 88755   | 88319   | 88243   | 88439   | 0.31   | cps   |
| Barium     | 137-1 | 154981  | 155149  | 155817  | 155316  | 0.28   | cps   |
| Beryllium  | 9-1   | 644     | 589     | 589     | 607     | 5.28   | cps   |
| Bismuth    | 209-1 | 5515288 | 5452148 | 5393162 | 5453533 | 1.12   | cps   |
| Bismuth    | 209-2 | 1909330 | 1899851 | 1864440 | 1891207 | 1.25   | cps   |
| Boron      | 10-1  | 1242    | 1283    | 1125    | 1217    | 6.75   | cps   |
| Boron      | 11-1  | 5843    | 5185    | 5451    | 5493    | 6.03   | cps   |
| Cadmium    | 111-1 | 1341    | 1303    | 1288    | 1311    | 2.05   | cps   |
| Cadmium    | 106-1 | 1742    | 1725    | 1759    | 1742    | 0.96   | cps   |
| Cadmium    | 108-1 | 29      | 25      | 25      | 26      | 9.12   | cps   |
| Calcium    | 43-1  | 93771   | 95592   | 92847   | 94070   | 1.48   | cps   |
| Calcium    | 44-1  | 1569770 | 1571757 | 1556731 | 1566086 | 0.52   | cps   |
| Chromium   | 52-2  | 3194    | 3290    | 3197    | 3227    | 1.70   | cps   |
| Cobalt     | 59-2  | 5725    | 5291    | 5581    | 5532    | 3.99   | cps   |
| Copper     | 63-2  | 17491   | 17435   | 17064   | 17330   | 1.34   | cps   |
| Dysprosium | 156-1 | 6419    | 6577    | 6302    | 6432    | 2.15   | cps   |
| Dysprosium | 156-2 | 1467    | 1460    | 1420    | 1449    | 1.74   | cps   |
| Erbium     | 164-1 | 4251    | 4126    | 4393    | 4256    | 3.14   | cps   |
| Erbium     | 164-2 | 1070    | 1183    | 1023    | 1092    | 7.53   | cps   |
| Gadolinium | 160-1 | 5135    | 5285    | 4701    | 5040    | 6.01   | cps   |
| Gadolinium | 160-2 | 1697    | 1720    | 1904    | 1773    | 6.38   | cps   |
| Holmium    | 165-1 | 8210743 | 8113372 | 8133988 | 8152701 | 0.63   | cps   |
| Holmium    | 165-2 | 2297890 | 2276271 | 2242665 | 2272275 | 1.22   | cps   |
| Indium     | 115-1 | 6856790 | 6870576 | 6861667 | 6863011 | 0.10   | cps   |
| Indium     | 115-2 | 364231  | 363574  | 364422  | 364076  | 0.12   | cps   |
| Iron       | 56-2  | 3782210 | 3771536 | 3804754 | 3786167 | 0.45   | cps   |
| Iron       | 57-2  | 93987   | 91851   | 93451   | 93096   | 1.19   | cps   |
| Krypton    | 83-1  | 427     | 383     | 407     | 406     | 5.35   | cps   |
| Lead       | 206-1 | 18609   | 18686   | 19237   | 18844   | 1.82   | cps   |
| Lead       | 207-1 | 15376   | 15627   | 15148   | 15384   | 1.56   | cps   |
| Lead       | 208-1 | 72605   | 73223   | 72733   | 72854   | 0.45   | cps   |
| Lithium    | 6-1   | 1641453 | 1608345 | 1625454 | 1625084 | 1.02   | cps   |
| Magnesium  | 24-2  | 73816   | 74671   | 75476   | 74654   | 1.11   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-06LDLX10      | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY8L             | Dilution Factor : | 10        |
| Date & Time Acquired :: | 2018-10-03 16:15:47 | DataFile Name :   | 039SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 71284   | 72762   | 72835   | 72294   | 1.21   | cps   |
| Molybdenum | 94-1  | 6710    | 6710    | 6652    | 6691    | 0.50   | cps   |
| Molybdenum | 95-1  | 2175    | 2209    | 2325    | 2236    | 3.52   | cps   |
| Molybdenum | 96-1  | 3459    | 3192    | 3451    | 3367    | 4.50   | cps   |
| Molybdenum | 97-1  | 1483    | 1183    | 1492    | 1386    | 12.67  | cps   |
| Molybdenum | 98-1  | 3509    | 3259    | 3701    | 3490    | 6.35   | cps   |
| Neodymium  | 150-1 | 10371   | 10298   | 10645   | 10438   | 1.75   | cps   |
| Neodymium  | 150-2 | 1834    | 1974    | 1800    | 1869    | 4.92   | cps   |
| Nickel     | 60-2  | 2360    | 2340    | 2337    | 2346    | 0.54   | cps   |
| Phosphorus | 31-2  | 125     | 67      | 117     | 103     | 30.70  | cps   |
| Potassium  | 39-2  | 21676   | 22302   | 21450   | 21809   | 2.02   | cps   |
| Rhodium    | 103-1 | 6590985 | 6566268 | 6517307 | 6558187 | 0.57   | cps   |
| Rhodium    | 103-2 | 2034744 | 2053958 | 2030322 | 2039675 | 0.62   | cps   |
| Scandium   | 45-1  | 4650876 | 4625930 | 4622282 | 4633030 | 0.34   | cps   |
| Scandium   | 45-2  | 39165   | 38419   | 38820   | 38801   | 0.96   | cps   |
| Selenium   | 77-2  | 17      | 3       | 7       | 9       | 78.08  | cps   |
| Selenium   | 78-2  | 4       | 4       | 0       | 2       | 86.60  | cps   |
| Selenium   | 82-1  | 208     | 208     | 214     | 210     | 1.51   | cps   |
| Silicon    | 28-1  | 1773660 | 1806671 | 1819264 | 1799865 | 1.31   | cps   |
| Silver     | 109-1 | 825     | 683     | 675     | 728     | 11.58  | cps   |
| Silver     | 107-1 | 908     | 758     | 800     | 822     | 9.42   | cps   |
| Sodium     | 23-2  | 18538   | 18813   | 19289   | 18880   | 2.01   | cps   |
| Strontium  | 86-1  | 82391   | 84076   | 83698   | 83388   | 1.06   | cps   |
| Strontium  | 88-1  | 724634  | 717163  | 722387  | 721395  | 0.53   | cps   |
| Sulfur     | 34-1  | 385622  | 386030  | 388257  | 386636  | 0.37   | cps   |
| Terbium    | 159-1 | 8524790 | 8460401 | 8511418 | 8498870 | 0.40   | cps   |
| Terbium    | 159-2 | 2174900 | 2196177 | 2172877 | 2181318 | 0.59   | cps   |
| Thallium   | 203-1 | 783     | 675     | 767     | 742     | 7.87   | cps   |
| Thallium   | 205-1 | 1609    | 1734    | 1684    | 1675    | 3.76   | cps   |
| Tin        | 118-1 | 1925    | 1842    | 1900    | 1889    | 2.26   | cps   |
| Titanium   | 47-1  | 66073   | 64482   | 63134   | 64563   | 2.28   | cps   |
| Uranium    | 238-1 | 34833   | 35744   | 35468   | 35349   | 1.32   | cps   |
| Vanadium   | 51-2  | 9013    | 9013    | 9123    | 9050    | 0.70   | cps   |
| Yttrium    | 89-1  | 7435094 | 7324952 | 7412604 | 7390883 | 0.79   | cps   |
| Yttrium    | 89-2  | 271964  | 272884  | 272475  | 272441  | 0.17   | cps   |
| Zinc       | 66-2  | 3324    | 3237    | 3244    | 3268    | 1.48   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-06LDLX10      | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY8L             | Dilution Factor : | 10        |
| Date & Time Acquired :: | 2018-10-03 16:15:47 | DataFile Name :   | 039SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 90-1 | 14600 | 15009 | 15051 | 14887   | 1.67   | cps   |
| Zirconium | 91-1 | 2942  | 3467  | 3009  | 3139    | 9.11   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-08DLX2        | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY8S             | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-10-03 16:19:07 | DataFile Name :   | 040SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 132844   | 131838   | 130687   | 131790   | 0.82   | cps   |
| Antimony   | 121-1 | 79260    | 79445    | 81105    | 79936    | 1.27   | cps   |
| Arsenic    | 75-2  | 2535     | 2508     | 2524     | 2522     | 0.55   | cps   |
| Barium     | 135-1 | 789677   | 790721   | 786763   | 789054   | 0.26   | cps   |
| Barium     | 137-1 | 1378537  | 1369806  | 1387076  | 1378473  | 0.63   | cps   |
| Beryllium  | 9-1   | 10182    | 9854     | 10543    | 10193    | 3.38   | cps   |
| Bismuth    | 209-1 | 5405531  | 5399530  | 5365695  | 5390252  | 0.40   | cps   |
| Bismuth    | 209-2 | 1822360  | 1874337  | 1867366  | 1854687  | 1.52   | cps   |
| Boron      | 10-1  | 3309     | 3417     | 3342     | 3356     | 1.65   | cps   |
| Boron      | 11-1  | 15534    | 15100    | 16151    | 15595    | 3.39   | cps   |
| Cadmium    | 111-1 | 11015    | 10862    | 10829    | 10902    | 0.91   | cps   |
| Cadmium    | 106-1 | 2909     | 2784     | 2692     | 2795     | 3.89   | cps   |
| Cadmium    | 108-1 | 708      | 771      | 692      | 724      | 5.77   | cps   |
| Calcium    | 43-1  | 463780   | 461955   | 466608   | 464115   | 0.51   | cps   |
| Calcium    | 44-1  | 7607991  | 7573223  | 7616227  | 7599147  | 0.30   | cps   |
| Chromium   | 52-2  | 32294    | 32144    | 31883    | 32107    | 0.65   | cps   |
| Cobalt     | 59-2  | 123397   | 122829   | 122156   | 122794   | 0.51   | cps   |
| Copper     | 63-2  | 122208   | 123372   | 123072   | 122884   | 0.49   | cps   |
| Dysprosium | 156-1 | 30286    | 31999    | 31389    | 31225    | 2.78   | cps   |
| Dysprosium | 156-2 | 7039     | 7305     | 7322     | 7222     | 2.20   | cps   |
| Erbium     | 164-1 | 21043    | 21669    | 20951    | 21221    | 1.84   | cps   |
| Erbium     | 164-2 | 5298     | 5144     | 5378     | 5273     | 2.25   | cps   |
| Gadolinium | 160-1 | 25668    | 25551    | 25777    | 25665    | 0.44   | cps   |
| Gadolinium | 160-2 | 8530     | 8743     | 8440     | 8571     | 1.82   | cps   |
| Holmium    | 165-1 | 8259918  | 8238334  | 8195693  | 8231315  | 0.40   | cps   |
| Holmium    | 165-2 | 2173797  | 2266392  | 2258691  | 2232960  | 2.30   | cps   |
| Indium     | 115-1 | 6913376  | 6850392  | 6836261  | 6866676  | 0.60   | cps   |
| Indium     | 115-2 | 349884   | 361344   | 358994   | 356741   | 1.70   | cps   |
| Iron       | 56-2  | 18378185 | 18303504 | 18163512 | 18281734 | 0.60   | cps   |
| Iron       | 57-2  | 459686   | 457293   | 450476   | 455818   | 1.05   | cps   |
| Krypton    | 83-1  | 370      | 460      | 377      | 402      | 12.47  | cps   |
| Lead       | 206-1 | 96548    | 97947    | 99531    | 98009    | 1.52   | cps   |
| Lead       | 207-1 | 80644    | 81052    | 82433    | 81376    | 1.15   | cps   |
| Lead       | 208-1 | 377030   | 380049   | 382748   | 379942   | 0.75   | cps   |
| Lithium    | 6-1   | 1648727  | 1651276  | 1630661  | 1643555  | 0.68   | cps   |
| Magnesium  | 24-2  | 365193   | 364583   | 358552   | 362776   | 1.01   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-08DLX2        | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY8S             | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-10-03 16:19:07 | DataFile Name :   | 040SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 365787  | 365935  | 364036  | 365253  | 0.29   | cps   |
| Molybdenum | 94-1  | 31053   | 30970   | 31020   | 31014   | 0.13   | cps   |
| Molybdenum | 95-1  | 9846    | 9946    | 9996    | 9929    | 0.77   | cps   |
| Molybdenum | 96-1  | 14809   | 15526   | 15151   | 15162   | 2.37   | cps   |
| Molybdenum | 97-1  | 6227    | 6118    | 6218    | 6188    | 0.97   | cps   |
| Molybdenum | 98-1  | 16027   | 15534   | 15743   | 15768   | 1.57   | cps   |
| Neodymium  | 150-1 | 51682   | 51923   | 53255   | 52287   | 1.62   | cps   |
| Neodymium  | 150-2 | 8656    | 8970    | 8770    | 8799    | 1.80   | cps   |
| Nickel     | 60-2  | 37751   | 38353   | 37608   | 37904   | 1.04   | cps   |
| Phosphorus | 31-2  | 550     | 442     | 467     | 486     | 11.67  | cps   |
| Potassium  | 39-2  | 94105   | 95062   | 94323   | 94497   | 0.53   | cps   |
| Rhodium    | 103-1 | 6472502 | 6485470 | 6519954 | 6492642 | 0.38   | cps   |
| Rhodium    | 103-2 | 1962196 | 2034760 | 1997969 | 1998308 | 1.82   | cps   |
| Scandium   | 45-1  | 4623251 | 4664869 | 4700565 | 4662895 | 0.83   | cps   |
| Scandium   | 45-2  | 37320   | 38406   | 37580   | 37769   | 1.50   | cps   |
| Selenium   | 77-2  | 53      | 43      | 63      | 53      | 18.75  | cps   |
| Selenium   | 78-2  | 44      | 39      | 67      | 50      | 29.40  | cps   |
| Selenium   | 82-1  | 1982    | 2100    | 2109    | 2064    | 3.44   | cps   |
| Silicon    | 28-1  | 7382508 | 7362209 | 7357838 | 7367518 | 0.18   | cps   |
| Silver     | 109-1 | 43646   | 42050   | 43472   | 43056   | 2.03   | cps   |
| Silver     | 107-1 | 45462   | 44717   | 45829   | 45336   | 1.25   | cps   |
| Sodium     | 23-2  | 58621   | 58730   | 57776   | 58376   | 0.89   | cps   |
| Strontium  | 86-1  | 409625  | 411188  | 419413  | 413409  | 1.27   | cps   |
| Strontium  | 88-1  | 3684479 | 3641309 | 3637080 | 3654289 | 0.72   | cps   |
| Sulfur     | 34-1  | 500216  | 490826  | 496263  | 495768  | 0.95   | cps   |
| Terbium    | 159-1 | 8605723 | 8641697 | 8606649 | 8618023 | 0.24   | cps   |
| Terbium    | 159-2 | 2142534 | 2201969 | 2193435 | 2179312 | 1.47   | cps   |
| Thallium   | 203-1 | 34464   | 34348   | 33554   | 34122   | 1.45   | cps   |
| Thallium   | 205-1 | 84330   | 82509   | 83114   | 83318   | 1.11   | cps   |
| Tin        | 118-1 | 5743    | 5176    | 5368    | 5429    | 5.31   | cps   |
| Titanium   | 47-1  | 315821  | 315475  | 315977  | 315758  | 0.08   | cps   |
| Uranium    | 238-1 | 583494  | 586055  | 592774  | 587441  | 0.82   | cps   |
| Vanadium   | 51-2  | 77938   | 76752   | 75985   | 76892   | 1.28   | cps   |
| Yttrium    | 89-1  | 7701662 | 7757319 | 7624669 | 7694550 | 0.87   | cps   |
| Yttrium    | 89-2  | 271269  | 279357  | 278637  | 276421  | 1.62   | cps   |
| Zinc       | 66-2  | 22779   | 22525   | 22709   | 22671   | 0.58   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | J4977-08DLX2        | Instrumnet Name : | P8        |
| Client Sample ID :      | MYAKY8S             | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-10-03 16:19:07 | DataFile Name :   | 040SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 90-1 | 71522 | 70843 | 71748 | 71371   | 0.66   | cps   |
| Zirconium | 91-1 | 16110 | 15693 | 16060 | 15954   | 1.43   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB98345             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV071              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV071              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-10-03 16:23:14 | DataFile Name :   | 041CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 400179   | 400615   | 397922   | 399572   | 0.36   | cps   |
| Antimony   | 121-1 | 4376592  | 4403733  | 4401613  | 4393979  | 0.34   | cps   |
| Arsenic    | 75-2  | 58159    | 58084    | 56878    | 57707    | 1.25   | cps   |
| Barium     | 135-1 | 4751106  | 4716068  | 4711837  | 4726337  | 0.46   | cps   |
| Barium     | 137-1 | 8237993  | 8243595  | 8231738  | 8237775  | 0.07   | cps   |
| Beryllium  | 9-1   | 838894   | 838469   | 837145   | 838169   | 0.11   | cps   |
| Bismuth    | 209-1 | 5235630  | 5371672  | 5252794  | 5286699  | 1.40   | cps   |
| Bismuth    | 209-2 | 1740935  | 1762217  | 1715765  | 1739639  | 1.34   | cps   |
| Boron      | 10-1  | 92422    | 94594    | 97364    | 94793    | 2.61   | cps   |
| Boron      | 11-1  | 442272   | 450379   | 460996   | 451216   | 2.08   | cps   |
| Cadmium    | 111-1 | 984908   | 981141   | 983117   | 983055   | 0.19   | cps   |
| Cadmium    | 106-1 | 107594   | 107123   | 106627   | 107115   | 0.45   | cps   |
| Cadmium    | 108-1 | 71178    | 70261    | 71237    | 70892    | 0.77   | cps   |
| Calcium    | 43-1  | 5480837  | 5495120  | 5494543  | 5490167  | 0.15   | cps   |
| Calcium    | 44-1  | 89762579 | 89046087 | 89360529 | 89389732 | 0.40   | cps   |
| Chromium   | 52-2  | 474926   | 476530   | 477363   | 476273   | 0.26   | cps   |
| Cobalt     | 59-2  | 975373   | 979372   | 976046   | 976930   | 0.22   | cps   |
| Copper     | 63-2  | 1650178  | 1635674  | 1644808  | 1643553  | 0.45   | cps   |
| Dysprosium | 156-1 | 150      | 108      | 158      | 139      | 19.29  | cps   |
| Dysprosium | 156-2 | 53       | 23       | 13       | 30       | 69.40  | cps   |
| Erbium     | 164-1 | 50       | 83       | 108      | 81       | 36.33  | cps   |
| Erbium     | 164-2 | 3        | 33       | 17       | 18       | 84.55  | cps   |
| Gadolinium | 160-1 | 150      | 158      | 125      | 144      | 12.01  | cps   |
| Gadolinium | 160-2 | 47       | 13       | 17       | 26       | 71.84  | cps   |
| Holmium    | 165-1 | 8233641  | 8442376  | 8345748  | 8340588  | 1.25   | cps   |
| Holmium    | 165-2 | 2229770  | 2251323  | 2205029  | 2228707  | 1.04   | cps   |
| Indium     | 115-1 | 6536803  | 6664401  | 6659942  | 6620382  | 1.09   | cps   |
| Indium     | 115-2 | 333765   | 337366   | 333801   | 334977   | 0.62   | cps   |
| Iron       | 56-2  | 78191480 | 78272774 | 77958496 | 78140917 | 0.21   | cps   |
| Iron       | 57-2  | 1995827  | 1986746  | 1972052  | 1984875  | 0.60   | cps   |
| Krypton    | 83-1  | 423      | 383      | 423      | 410      | 5.63   | cps   |
| Lead       | 206-1 | 2776045  | 2804526  | 2782644  | 2787739  | 0.53   | cps   |
| Lead       | 207-1 | 2556937  | 2547637  | 2560146  | 2554907  | 0.25   | cps   |
| Lead       | 208-1 | 11358500 | 11378368 | 11396485 | 11377785 | 0.17   | cps   |
| Lithium    | 6-1   | 1529281  | 1572805  | 1538956  | 1547014  | 1.48   | cps   |
| Magnesium  | 24-2  | 8411325  | 8413553  | 8359236  | 8394704  | 0.37   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB98345             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV071              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV071              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-10-03 16:23:14 | DataFile Name :   | 041CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 278052   | 275468   | 275532   | 276351   | 0.53   | cps   |
| Molybdenum | 94-1  | 7773060  | 7809913  | 7825100  | 7802691  | 0.34   | cps   |
| Molybdenum | 95-1  | 9620793  | 9514149  | 9641457  | 9592133  | 0.71   | cps   |
| Molybdenum | 96-1  | 10768753 | 10760469 | 10766918 | 10765380 | 0.04   | cps   |
| Molybdenum | 97-1  | 6027446  | 5997427  | 5998370  | 6007748  | 0.28   | cps   |
| Molybdenum | 98-1  | 15431562 | 15413612 | 15356188 | 15400454 | 0.26   | cps   |
| Neodymium  | 150-1 | 320      | 413      | 253      | 329      | 24.44  | cps   |
| Neodymium  | 150-2 | 7        | 23       | 10       | 13       | 66.12  | cps   |
| Nickel     | 60-2  | 287729   | 287779   | 287565   | 287691   | 0.04   | cps   |
| Phosphorus | 31-2  | 4926     | 5643     | 4859     | 5143     | 8.45   | cps   |
| Potassium  | 39-2  | 2290907  | 2299649  | 2276241  | 2288932  | 0.52   | cps   |
| Rhodium    | 103-1 | 6016403  | 6186524  | 6056130  | 6086352  | 1.46   | cps   |
| Rhodium    | 103-2 | 1873427  | 1874847  | 1852187  | 1866820  | 0.68   | cps   |
| Scandium   | 45-1  | 4423805  | 4540234  | 4521296  | 4495112  | 1.39   | cps   |
| Scandium   | 45-2  | 35986    | 36421    | 36247    | 36218    | 0.60   | cps   |
| Selenium   | 77-2  | 430      | 503      | 387      | 440      | 13.40  | cps   |
| Selenium   | 78-2  | 1385     | 1413     | 1367     | 1388     | 1.68   | cps   |
| Selenium   | 82-1  | 63787    | 63717    | 64667    | 64057    | 0.83   | cps   |
| Silicon    | 28-1  | 2655504  | 2670461  | 2722351  | 2682772  | 1.31   | cps   |
| Silver     | 109-1 | 4621377  | 4643197  | 4660526  | 4641700  | 0.42   | cps   |
| Silver     | 107-1 | 4937599  | 4923816  | 4927799  | 4929738  | 0.14   | cps   |
| Sodium     | 23-2  | 18655566 | 18591895 | 18452136 | 18566532 | 0.56   | cps   |
| Strontium  | 86-1  | 1232348  | 1213211  | 1235530  | 1227029  | 0.98   | cps   |
| Strontium  | 88-1  | 10657142 | 10629139 | 10651678 | 10645986 | 0.14   | cps   |
| Sulfur     | 34-1  | 739446   | 728047   | 727682   | 731725   | 0.91   | cps   |
| Terbium    | 159-1 | 8624248  | 8717924  | 8669505  | 8670559  | 0.54   | cps   |
| Terbium    | 159-2 | 2138269  | 2161388  | 2120994  | 2140217  | 0.95   | cps   |
| Thallium   | 203-1 | 3475347  | 3469777  | 3452909  | 3466011  | 0.34   | cps   |
| Thallium   | 205-1 | 8093438  | 8153575  | 8197679  | 8148231  | 0.64   | cps   |
| Tin        | 118-1 | 3062633  | 3037499  | 3046960  | 3049031  | 0.42   | cps   |
| Titanium   | 47-1  | 2760414  | 2770268  | 2749693  | 2760125  | 0.37   | cps   |
| Uranium    | 238-1 | 10907943 | 10983772 | 10976370 | 10956028 | 0.38   | cps   |
| Vanadium   | 51-2  | 344669   | 347140   | 346752   | 346187   | 0.38   | cps   |
| Yttrium    | 89-1  | 7182340  | 7401810  | 7274862  | 7286337  | 1.51   | cps   |
| Yttrium    | 89-2  | 257495   | 258412   | 256213   | 257374   | 0.43   | cps   |
| Zinc       | 66-2  | 164984   | 165591   | 165274   | 165283   | 0.18   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB98345             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV071              | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV071              | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-10-03 16:23:14 | DataFile Name :   | 041CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 6653229 | 6626172 | 6617932 | 6632444 | 0.28   | cps   |
| Zirconium | 91-1 | 1496960 | 1496294 | 1505985 | 1499746 | 0.36   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB071              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB071              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 16:28:41 | DataFile Name :   | 042CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 18      | 23      | 25      | 22      | 17.65  | cps   |
| Antimony   | 121-1 | 4226    | 3592    | 4176    | 3998    | 8.81   | cps   |
| Arsenic    | 75-2  | 6       | 11      | 9       | 9       | 32.69  | cps   |
| Barium     | 135-1 | 100     | 83      | 125     | 103     | 20.40  | cps   |
| Barium     | 137-1 | 117     | 100     | 108     | 108     | 7.69   | cps   |
| Beryllium  | 9-1   | 350     | 278     | 272     | 300     | 14.46  | cps   |
| Bismuth    | 209-1 | 5513245 | 5650470 | 5487808 | 5550508 | 1.58   | cps   |
| Bismuth    | 209-2 | 1880093 | 1884271 | 1749205 | 1837857 | 4.18   | cps   |
| Boron      | 10-1  | 1809    | 1884    | 1700    | 1797    | 5.13   | cps   |
| Boron      | 11-1  | 8970    | 8311    | 7502    | 8261    | 8.90   | cps   |
| Cadmium    | 111-1 | 1221    | 1216    | 1140    | 1192    | 3.83   | cps   |
| Cadmium    | 106-1 | 1700    | 1692    | 1567    | 1653    | 4.52   | cps   |
| Cadmium    | 108-1 | 21      | 8       | 4       | 11      | 78.05  | cps   |
| Calcium    | 43-1  | 417     | 442     | 508     | 456     | 10.40  | cps   |
| Calcium    | 44-1  | 16752   | 16594   | 16869   | 16738   | 0.83   | cps   |
| Chromium   | 52-2  | 417     | 477     | 477     | 457     | 7.59   | cps   |
| Cobalt     | 59-2  | 73      | 60      | 53      | 62      | 16.37  | cps   |
| Copper     | 63-2  | 417     | 533     | 500     | 483     | 12.43  | cps   |
| Dysprosium | 156-1 | 0       | 25      | 17      | 14      | 91.65  | cps   |
| Dysprosium | 156-2 | 3       | 3       | 0       | 2       | 86.60  | cps   |
| Erbium     | 164-1 | 17      | 33      | 17      | 22      | 43.28  | cps   |
| Erbium     | 164-2 | 7       | 10      | 3       | 7       | 50.03  | cps   |
| Gadolinium | 160-1 | 25      | 108     | 67      | 67      | 62.50  | cps   |
| Gadolinium | 160-2 | 7       | 0       | 3       | 3       | 100.05 | cps   |
| Holmium    | 165-1 | 8259628 | 8396291 | 8184336 | 8280085 | 1.30   | cps   |
| Holmium    | 165-2 | 2206620 | 2222787 | 2082973 | 2170793 | 3.52   | cps   |
| Indium     | 115-1 | 6837427 | 6885259 | 6782052 | 6834913 | 0.76   | cps   |
| Indium     | 115-2 | 352499  | 350947  | 330557  | 344668  | 3.55   | cps   |
| Iron       | 56-2  | 3378    | 3345    | 3039    | 3254    | 5.74   | cps   |
| Iron       | 57-2  | 89      | 56      | 44      | 63      | 36.73  | cps   |
| Krypton    | 83-1  | 340     | 397     | 347     | 361     | 8.58   | cps   |
| Lead       | 206-1 | 694     | 661     | 622     | 659     | 5.48   | cps   |
| Lead       | 207-1 | 706     | 556     | 539     | 600     | 15.30  | cps   |
| Lead       | 208-1 | 2956    | 2695    | 2700    | 2784    | 5.36   | cps   |
| Lithium    | 6-1   | 1625332 | 1643026 | 1645678 | 1638012 | 0.68   | cps   |
| Magnesium  | 24-2  | 467     | 533     | 450     | 483     | 9.12   | cps   |

LB Number : LB98345 Operator : Jaswal  
 Lab Sample ID : CCB071 Instrumnet Name : P8  
 Client Sample ID : CCB071 Dilution Factor : 1  
 Date & Time Acquired :: 2018-10-03 16:28:41 DataFile Name : 042CCBE.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 80      | 47      | 33      | 53      | 45.07  | cps   |
| Molybdenum | 94-1  | 1492    | 1467    | 1358    | 1439    | 4.93   | cps   |
| Molybdenum | 95-1  | 1225    | 1108    | 1267    | 1200    | 6.84   | cps   |
| Molybdenum | 96-1  | 1575    | 1533    | 1467    | 1525    | 3.58   | cps   |
| Molybdenum | 97-1  | 842     | 967     | 708     | 839     | 15.40  | cps   |
| Molybdenum | 98-1  | 1842    | 2125    | 1900    | 1956    | 7.65   | cps   |
| Neodymium  | 150-1 | 7       | 20      | 7       | 11      | 69.25  | cps   |
| Neodymium  | 150-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 337     | 263     | 290     | 297     | 12.51  | cps   |
| Phosphorus | 31-2  | 17      | 8       | 8       | 11      | 43.34  | cps   |
| Potassium  | 39-2  | 2934    | 2800    | 2667    | 2800    | 4.76   | cps   |
| Rhodium    | 103-1 | 6541849 | 6604507 | 6501640 | 6549332 | 0.79   | cps   |
| Rhodium    | 103-2 | 2016400 | 1997570 | 1888974 | 1967648 | 3.50   | cps   |
| Scandium   | 45-1  | 4522492 | 4649140 | 4516392 | 4562675 | 1.64   | cps   |
| Scandium   | 45-2  | 35218   | 36584   | 34346   | 35383   | 3.19   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 4       | 0       | 0       | 1       | 173.21 | cps   |
| Selenium   | 82-1  | 238     | 227     | 251     | 239     | 5.23   | cps   |
| Silicon    | 28-1  | 268476  | 264533  | 265760  | 266256  | 0.76   | cps   |
| Silver     | 109-1 | 417     | 350     | 350     | 372     | 10.34  | cps   |
| Silver     | 107-1 | 433     | 392     | 417     | 414     | 5.07   | cps   |
| Sodium     | 23-2  | 8628    | 8636    | 8536    | 8600    | 0.65   | cps   |
| Strontium  | 86-1  | 650     | 608     | 667     | 642     | 4.68   | cps   |
| Strontium  | 88-1  | 542     | 500     | 458     | 500     | 8.33   | cps   |
| Sulfur     | 34-1  | 393076  | 389985  | 390502  | 391188  | 0.42   | cps   |
| Terbium    | 159-1 | 8582078 | 8793523 | 8514633 | 8630078 | 1.69   | cps   |
| Terbium    | 159-2 | 2144032 | 2145369 | 2026514 | 2105305 | 3.24   | cps   |
| Thallium   | 203-1 | 533     | 525     | 533     | 531     | 0.91   | cps   |
| Thallium   | 205-1 | 1542    | 1550    | 1317    | 1470    | 9.01   | cps   |
| Tin        | 118-1 | 2192    | 1817    | 2375    | 2128    | 13.38  | cps   |
| Titanium   | 47-1  | 175     | 158     | 192     | 175     | 9.53   | cps   |
| Uranium    | 238-1 | 200     | 167     | 142     | 169     | 17.27  | cps   |
| Vanadium   | 51-2  | 0       | 23      | 10      | 11      | 105.35 | cps   |
| Yttrium    | 89-1  | 7251221 | 7348109 | 7282820 | 7294050 | 0.68   | cps   |
| Yttrium    | 89-2  | 258011  | 259141  | 244990  | 254047  | 3.10   | cps   |
| Zinc       | 66-2  | 117     | 170     | 143     | 143     | 18.60  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98345             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB071              | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB071              | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-03 16:28:41 | DataFile Name :   | 042CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 2134 | 2159 | 2009 | 2100    | 3.83   | cps   |
| Zirconium | 91-1 | 558  | 550  | 492  | 533     | 6.81   | cps   |