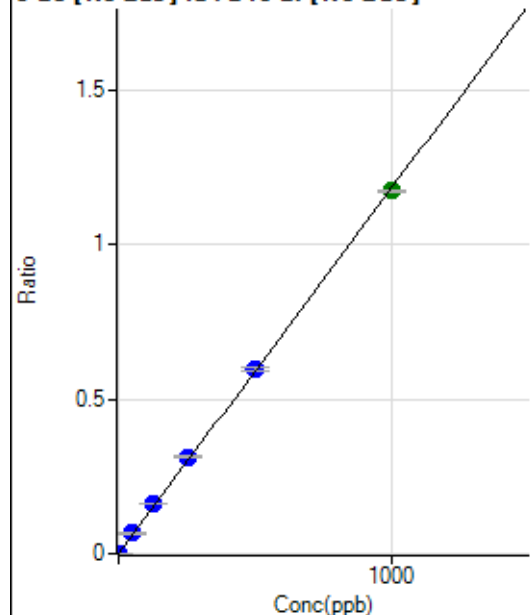


Batch Folder: D:\P8101118-MS.b\  
Analysis File: P8101118-MS.batch.bin  
DA Date-Time: 2018-10-11 17:15:24  
Calibration Title:  
Calibration Method: External Calibration  
VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time      |
|-------|--------------------|-------------|---------------------|
| 1     | 003CALB.d          | S00         | 2018-10-11 12:15:40 |
| 2     |                    |             |                     |
| 3     | 005CALS.d          | S02         | 2018-10-11 12:22:26 |
| 4     | 006CALS.d          | S03         | 2018-10-11 12:26:45 |
| 5     | 007CALS.d          | S04         | 2018-10-11 12:30:30 |
| 6     | 008CALS.d          | S05         | 2018-10-11 12:34:06 |
| 7     | 009CALS.d          | S06         | 2018-10-11 12:37:38 |
| 8     | 010CALS.d          | S07         | 2018-10-11 12:41:06 |
| 9     | 011CALS.d          | S08         | 2018-10-11 12:44:32 |

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      | 109.26     | 0.0001 | P    | 41.2 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.093      | 1557.53    | 0.0014 | P    | 5.9  |
| 4 | <input type="checkbox"/> | 50.000   | 55.645     | 72591.73   | 0.0658 | P    | 4.6  |
| 5 | <input type="checkbox"/> | 125.000  | 137.795    | 180221.07  | 0.1628 | P    | 0.9  |
| 6 | <input type="checkbox"/> | 250.000  | 265.549    | 344086.27  | 0.3136 | P    | 0.6  |
| 7 | <input type="checkbox"/> | 500.000  | 503.040    | 622594.84  | 0.5940 | P    | 2.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 992.711    | 1194991.79 | 1.1721 | A    | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 890.80     | 0.0009 | P    | 15.7 |

$$y = 0.0012 * x + 9.7504E-005$$

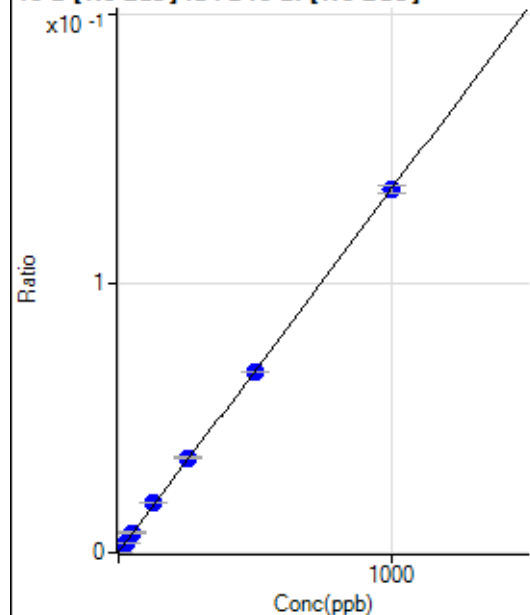
$$R = 0.9998$$

$$DL = 0.1021$$

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      | 208.34    | 0.0002 | P    | 14.0 |
| 2 | <input type="checkbox"/> | 2.500    |            |           |        |      |      |
| 3 | <input type="checkbox"/> | 25.000   | 26.012     | 4145.21   | 0.0037 | P    | 4.2  |
| 4 | <input type="checkbox"/> | 50.000   | 53.869     | 8211.02   | 0.0074 | P    | 6.3  |
| 5 | <input type="checkbox"/> | 125.000  | 136.933    | 20637.75  | 0.0186 | P    | 1.1  |
| 6 | <input type="checkbox"/> | 250.000  | 259.949    | 38644.72  | 0.0352 | P    | 2.9  |
| 7 | <input type="checkbox"/> | 500.000  | 495.734    | 70236.04  | 0.0670 | P    | 0.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 997.935    | 137300.30 | 0.1347 | P    | 2.3  |
| 9 | <input type="checkbox"/> |          |            | 6601.82   | 0.0066 | P    | 7.3  |

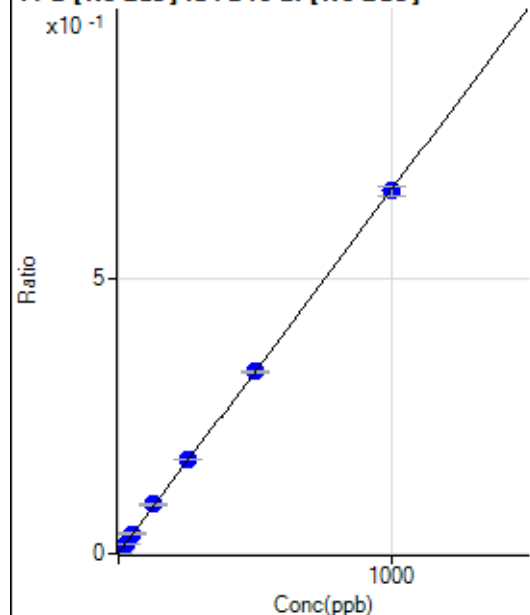
$$y = 1.3477E-004 * x + 1.8606E-004$$

$$R = 0.9999$$

$$DL = 0.5808$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|-----------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 977.86    | 0.0009 | P    | 7.8 |
| 2 | <input type="checkbox"/> | 2.500    |            |           |        |      |     |
| 3 | <input type="checkbox"/> | 25.000   | 27.123     | 21124.64  | 0.0188 | P    | 1.3 |
| 4 | <input type="checkbox"/> | 50.000   | 52.692     | 39405.15  | 0.0357 | P    | 6.7 |
| 5 | <input type="checkbox"/> | 125.000  | 133.675    | 98872.41  | 0.0893 | P    | 2.6 |
| 6 | <input type="checkbox"/> | 250.000  | 257.277    | 187715.24 | 0.1711 | P    | 1.5 |
| 7 | <input type="checkbox"/> | 500.000  | 499.614    | 347417.00 | 0.3314 | P    | 0.6 |
| 8 | <input type="checkbox"/> | 1000.000 | 997.102    | 673360.16 | 0.6605 | P    | 2.5 |
| 9 | <input type="checkbox"/> |          |            | 31023.59  | 0.0311 | P    | 8.1 |

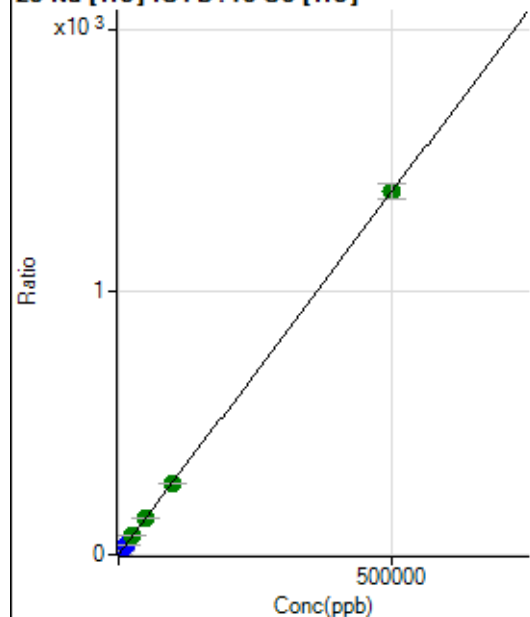
$$y = 6.6155E-004 * x + 8.7300E-004$$

$$R = 1.0000$$

$$DL = 0.31$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS         | Ratio     | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|-----------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 4664.85     | 0.1816    | P    | 2.3 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |           |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 489.935    | 41196.79    | 1.5346    | P    | 1.8 |
| 4 | <input type="checkbox"/> | 5000.000  | 4885.704   | 353820.17   | 13.6743   | P    | 1.7 |
| 5 | <input type="checkbox"/> | 12500.000 | 12666.385  | 861290.37   | 35.1620   | P    | 2.6 |
| 6 | <input type="checkbox"/> | 25000.000 | 25539.660  | 1604183.48  | 70.7138   | A    | 2.2 |
| 7 | <input type="checkbox"/> | 50000.000 | 50464.454  | 2823456.33  | 139.5480  | A    | 1.8 |
| 8 | <input type="checkbox"/> | 100000.00 | 98462.040  | 5421941.01  | 272.1017  | A    | 0.9 |
| 9 | <input type="checkbox"/> | 500000.00 | 500231.15  | 29725295.80 | 1,381.657 | A    | 4.1 |

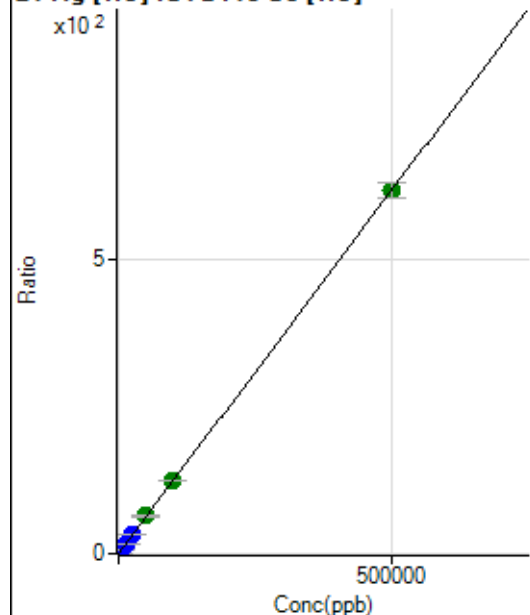
$$y = 0.0028 * x + 0.1816$$

$$R = 1.0000$$

$$DL = 4.547$$

Weight: &lt;None&gt;

Min Conc: 0

**24 Mg [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det | RSD |
|---|--------------------------|-----------|------------|-------------|----------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 391.69      | 0.0152   | P   | 7.2 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |     |     |
| 3 | <input type="checkbox"/> | 500.000   | 493.054    | 16710.55    | 0.6224   | P   | 0.4 |
| 4 | <input type="checkbox"/> | 5000.000  | 5007.815   | 159973.60   | 6.1824   | P   | 1.5 |
| 5 | <input type="checkbox"/> | 12500.000 | 12996.638  | 392430.02   | 16.0207  | P   | 2.6 |
| 6 | <input type="checkbox"/> | 25000.000 | 25631.696  | 716436.69   | 31.5808  | P   | 2.0 |
| 7 | <input type="checkbox"/> | 50000.000 | 51724.860  | 1288918.03  | 63.7147  | A   | 2.9 |
| 8 | <input type="checkbox"/> | 100000.00 | 101444.78  | 2489702.88  | 124.9452 | A   | 0.5 |
| 9 | <input type="checkbox"/> | 500000.00 | 499494.48  | 13233700.82 | 615.1460 | A   | 4.3 |

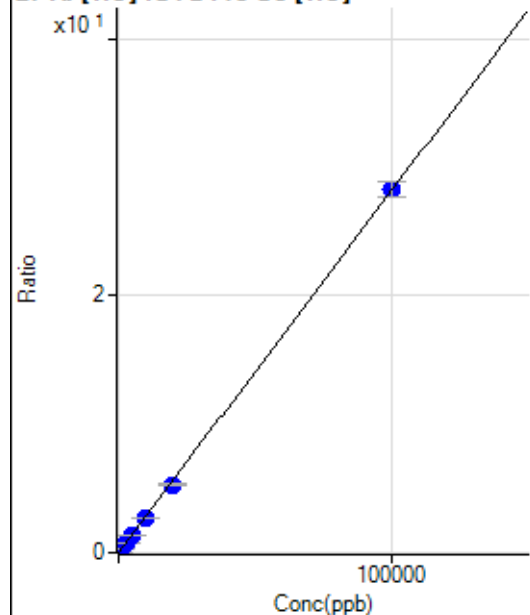
$$y = 0.0012 * x + 0.0152$$

$$R = 1.0000$$

$$DL = 2.683$$

Weight: &lt;None&gt;

Min Conc: 0

**27 Al [He] ISTD:45 Sc [He]**

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS       | Ratio   | Det | RSD  |
|---|--------------------------|-----------|------------|-----------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 13.33     | 0.0005  | P   | 18.8 |
| 2 | <input type="checkbox"/> | 2.000     |            |           |         |     |      |
| 3 | <input type="checkbox"/> | 20.000    | 20.650     | 170.04    | 0.0063  | P   | 8.6  |
| 4 | <input type="checkbox"/> | 1000.000  | 938.913    | 6861.78   | 0.2651  | P   | 2.8  |
| 5 | <input type="checkbox"/> | 2500.000  | 2458.580   | 16988.64  | 0.6935  | P   | 1.8  |
| 6 | <input type="checkbox"/> | 5000.000  | 4877.809   | 31201.19  | 1.3753  | P   | 1.9  |
| 7 | <input type="checkbox"/> | 10000.000 | 9645.933   | 55011.76  | 2.7192  | P   | 2.3  |
| 8 | <input type="checkbox"/> | 20000.000 | 18857.385  | 105917.36 | 5.3155  | P   | 1.0  |
| 9 | <input type="checkbox"/> | 100000.00 | 100271.68  | 608001.18 | 28.2621 | P   | 4.4  |

$$y = 2.8185E-004 * x + 5.1652E-004$$

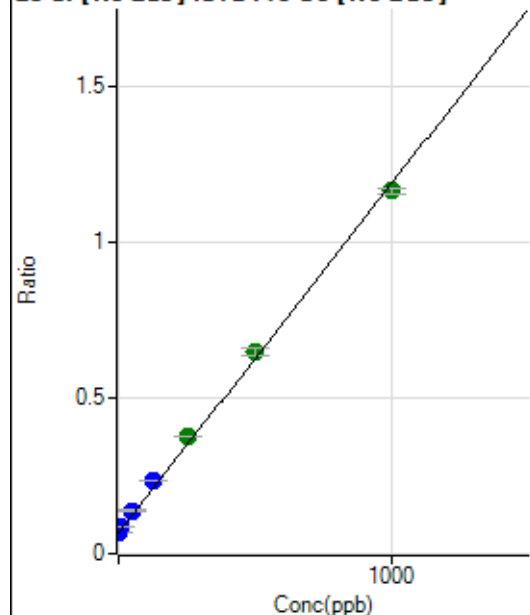
$$R = 0.9999$$

$$DL = 1.031$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 238872.33  | 0.0665 | P   | 2.1 |
| 2 | <input type="checkbox"/> | 1.000    |            |            |        |     |     |
| 3 | <input type="checkbox"/> | 10.000   | 17.129     | 307269.86  | 0.0858 | P   | 0.9 |
| 4 | <input type="checkbox"/> | 50.000   | 62.100     | 473152.23  | 0.1362 | P   | 4.2 |
| 5 | <input type="checkbox"/> | 125.000  | 151.249    | 830717.61  | 0.2362 | P   | 0.6 |
| 6 | <input type="checkbox"/> | 250.000  | 277.234    | 1261098.87 | 0.3776 | A   | 0.9 |
| 7 | <input type="checkbox"/> | 500.000  | 519.714    | 2011053.02 | 0.6497 | A   | 3.4 |
| 8 | <input type="checkbox"/> | 1000.000 | 979.377    | 3544063.58 | 1.1655 | A   | 1.4 |
| 9 | <input type="checkbox"/> |          |            | 426028.95  | 0.1388 | P   | 6.6 |

$$y = 0.0011 * x + 0.0665$$

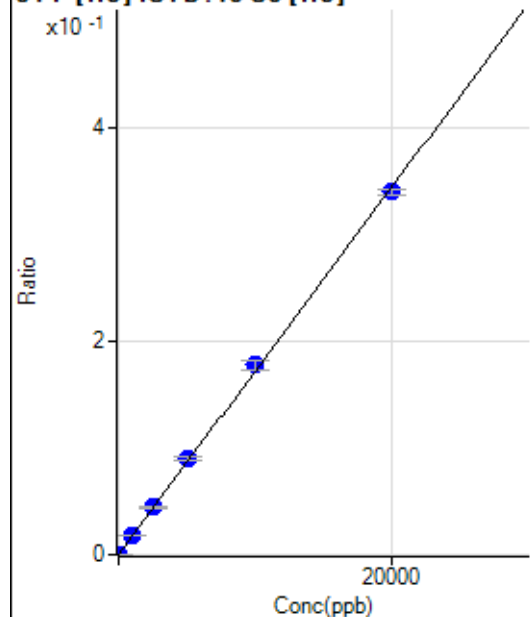
$$R = 0.9992$$

$$DL = 3.777$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS     | Ratio  | Det | RSD   |
|---|--------------------------|-----------|------------|---------|--------|-----|-------|
| 1 | <input type="checkbox"/> | 0.000     | 0.008      | 2.78    | 0.0001 | P   | 173.2 |
| 2 | <input type="checkbox"/> | 0.000     |            |         |        |     |       |
| 3 | <input type="checkbox"/> | 0.000     | -0.008     | 2.78    | 0.0001 | P   | 173.2 |
| 4 | <input type="checkbox"/> | 1000.000  | 1059.639   | 475.03  | 0.0184 | P   | 2.6   |
| 5 | <input type="checkbox"/> | 2500.000  | 2561.927   | 1083.42 | 0.0442 | P   | 5.7   |
| 6 | <input type="checkbox"/> | 5000.000  | 5256.893   | 2055.79 | 0.0906 | P   | 3.2   |
| 7 | <input type="checkbox"/> | 10000.000 | 10318.569  | 3597.86 | 0.1778 | P   | 5.0   |
| 8 | <input type="checkbox"/> | 20000.000 | 19765.770  | 6785.25 | 0.3405 | P   | 1.4   |
| 9 | <input type="checkbox"/> |           |            | 2.78    | 0.0001 | P   | 173.2 |

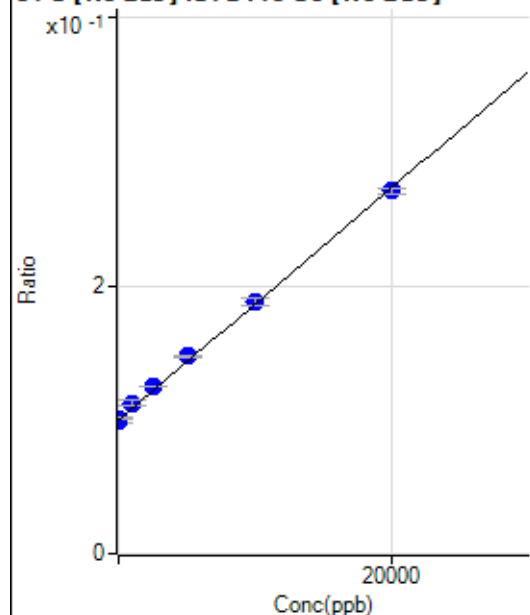
$$y = 1.7222E-005 * x + 1.0463E-004$$

$$R = 0.9997$$

$$DL = 31.57$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS       | Ratio  | Det | RSD |
|---|--------------------------|-----------|------------|-----------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | -131.754   | 354457.50 | 0.0987 | P   | 2.4 |
| 2 | <input type="checkbox"/> | 0.000     |            |           |        |     |     |
| 3 | <input type="checkbox"/> | 0.000     | 131.754    | 361939.75 | 0.1010 | P   | 1.3 |
| 4 | <input type="checkbox"/> | 1000.000  | 1478.703   | 391420.24 | 0.1127 | P   | 4.6 |
| 5 | <input type="checkbox"/> | 2500.000  | 2849.710   | 438081.85 | 0.1246 | P   | 0.5 |
| 6 | <input type="checkbox"/> | 5000.000  | 5492.179   | 492608.92 | 0.1475 | P   | 1.1 |
| 7 | <input type="checkbox"/> | 10000.000 | 10180.663  | 582477.36 | 0.1882 | P   | 2.5 |
| 8 | <input type="checkbox"/> | 20000.000 | 19718.975  | 823738.45 | 0.2709 | P   | 1.4 |
| 9 | <input type="checkbox"/> |           |            | 297300.26 | 0.0969 | P   | 0.9 |

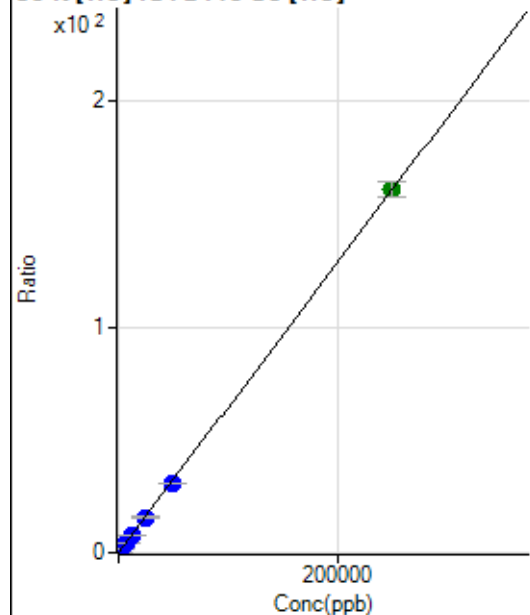
$$y = 8.6727\text{E-}006 * x + 0.0999$$

$$R = 0.9994$$

$$DL = 627.5$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio    | Det | RSD  |
|---|--------------------------|-----------|------------|------------|----------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 2480.89    | 0.0967   | P   | 10.7 |
| 2 | <input type="checkbox"/> | 50.000    |            |            |          |     |      |
| 3 | <input type="checkbox"/> | 500.000   | 499.672    | 11191.03   | 0.4169   | P   | 2.0  |
| 4 | <input type="checkbox"/> | 2500.000  | 2530.359   | 44446.24   | 1.7179   | P   | 2.9  |
| 5 | <input type="checkbox"/> | 6250.000  | 6440.658   | 103450.33  | 4.2233   | P   | 2.4  |
| 6 | <input type="checkbox"/> | 12500.000 | 12396.855  | 182414.44  | 8.0394   | P   | 1.0  |
| 7 | <input type="checkbox"/> | 25000.000 | 24185.091  | 315428.97  | 15.5922  | P   | 2.5  |
| 8 | <input type="checkbox"/> | 50000.000 | 47402.218  | 607103.77  | 30.4675  | P   | 0.7  |
| 9 | <input type="checkbox"/> | 250000.00 | 250601.13  | 3456340.01 | 160.6577 | A   | 4.2  |

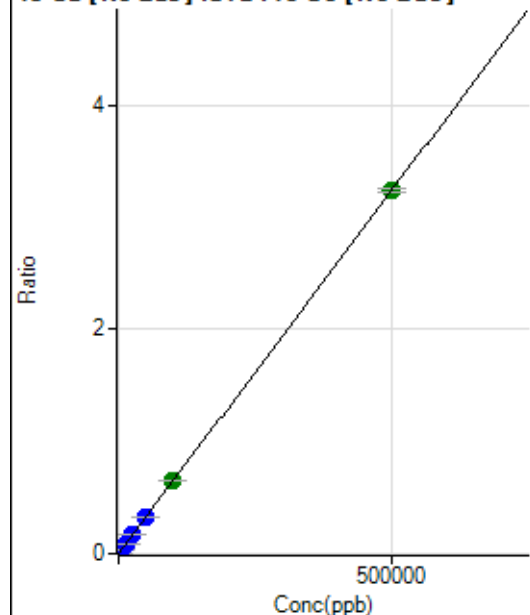
$$y = 6.4070\text{E-}004 * x + 0.0967$$

$$R = 0.9999$$

$$DL = 48.47$$

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      | 430.59     | 0.0001 | P    | 23.8 |
| 2 | <input type="checkbox"/> | 50.000    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 500.000   | 492.352    | 11852.67   | 0.0033 | P    | 3.3  |
| 4 | <input type="checkbox"/> | 5000.000  | 5203.692   | 117474.07  | 0.0338 | P    | 4.3  |
| 5 | <input type="checkbox"/> | 12500.000 | 12904.184  | 294269.74  | 0.0837 | P    | 0.7  |
| 6 | <input type="checkbox"/> | 25000.000 | 26048.121  | 563791.51  | 0.1688 | P    | 0.8  |
| 7 | <input type="checkbox"/> | 50000.000 | 50663.885  | 1016093.54 | 0.3282 | P    | 1.3  |
| 8 | <input type="checkbox"/> | 100000.00 | 100595.85  | 1981512.50 | 0.6516 | A    | 0.8  |
| 9 | <input type="checkbox"/> | 500000.00 | 499749.90  | 9931905.95 | 3.2364 | A    | 1.0  |

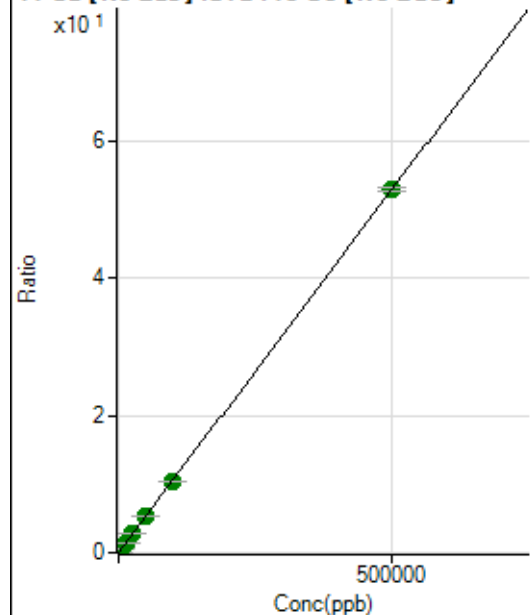
$$y = 6.4759\text{E-}006 * x + 1.2013\text{E-}004$$

$$R = 1.0000$$

$$DL = 13.22$$

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      | 14232.92    | 0.0040  | P    | 3.4 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |         |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 492.222    | 200842.76   | 0.0561  | P    | 2.3 |
| 4 | <input type="checkbox"/> | 5000.000  | 5246.768   | 1942562.57  | 0.5593  | A    | 4.4 |
| 5 | <input type="checkbox"/> | 12500.000 | 12827.137  | 4787587.48  | 1.3615  | A    | 0.4 |
| 6 | <input type="checkbox"/> | 25000.000 | 25704.356  | 9098470.17  | 2.7244  | A    | 1.0 |
| 7 | <input type="checkbox"/> | 50000.000 | 50207.097  | 16462213.56 | 5.3176  | A    | 1.6 |
| 8 | <input type="checkbox"/> | 100000.00 | 98228.474  | 31624599.67 | 10.3999 | A    | 1.5 |
| 9 | <input type="checkbox"/> | 500000.00 | 500287.73  | 162495645.3 | 52.9516 | A    | 1.1 |

$$y = 1.0583\text{E-}004 * x + 0.0040$$

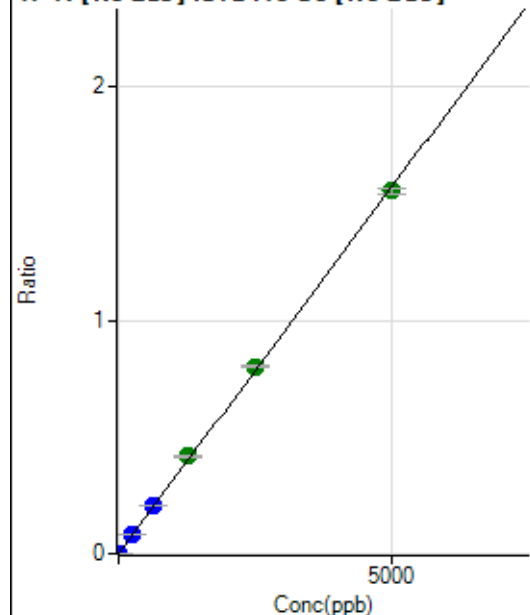
$$R = 1.0000$$

$$DL = 3.864$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 63.89      | 0.0000 | P   | 31.3 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 5.251      | 5968.22    | 0.0017 | P   | 1.5  |
| 4 | <input type="checkbox"/> | 250.000  | 262.077    | 285643.89  | 0.0822 | P   | 4.9  |
| 5 | <input type="checkbox"/> | 625.000  | 650.262    | 717504.79  | 0.2040 | P   | 0.5  |
| 6 | <input type="checkbox"/> | 1250.000 | 1331.758   | 1395499.93 | 0.4179 | A   | 1.4  |
| 7 | <input type="checkbox"/> | 2500.000 | 2548.376   | 2475452.83 | 0.7996 | A   | 1.2  |
| 8 | <input type="checkbox"/> | 5000.000 | 4951.611   | 4724278.92 | 1.5536 | A   | 1.9  |
| 9 | <input type="checkbox"/> |          |            | 1544.60    | 0.0005 | P   | 10.2 |

$$y = 3.1376E-004 * x + 1.7737E-005$$

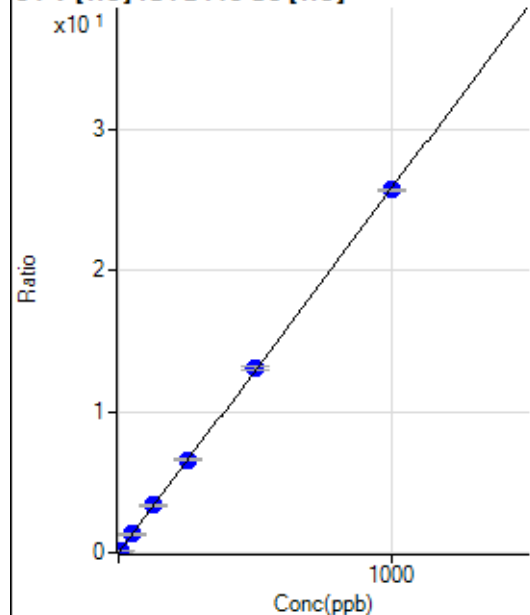
$$R = 0.9998$$

$$DL = 0.05312$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio   | Det | RSD  |
|---|--------------------------|----------|------------|-----------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 7.78      | 0.0003  | P   | 28.5 |
| 2 | <input type="checkbox"/> | 0.500    |            |           |         |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.890      | 3396.03   | 0.1265  | P   | 2.3  |
| 4 | <input type="checkbox"/> | 50.000   | 50.233     | 33546.95  | 1.2965  | P   | 2.5  |
| 5 | <input type="checkbox"/> | 125.000  | 130.451    | 82450.76  | 3.3664  | P   | 3.4  |
| 6 | <input type="checkbox"/> | 250.000  | 253.965    | 148675.32 | 6.5535  | P   | 1.9  |
| 7 | <input type="checkbox"/> | 500.000  | 504.579    | 263414.63 | 13.0203 | P   | 2.0  |
| 8 | <input type="checkbox"/> | 1000.000 | 996.027    | 512133.84 | 25.7015 | P   | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 317.79    | 0.0147  | P   | 18.4 |

$$y = 0.0258 * x + 3.0463E-004$$

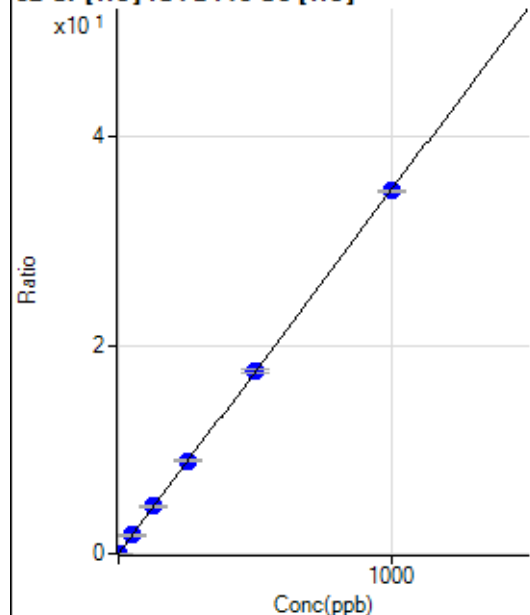
$$R = 1.0000$$

$$DL = 0.0101$$

Weight: &lt;None&gt;

Min Conc: 0



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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio   | Det. | RSD |
|---|--------------------------|----------|------------|-----------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 411.12    | 0.0160  | P    | 4.7 |
| 2 | <input type="checkbox"/> | 0.200    |            |           |         |      |     |
| 3 | <input type="checkbox"/> | 2.000    | 2.030      | 2330.24   | 0.0868  | P    | 5.7 |
| 4 | <input type="checkbox"/> | 50.000   | 49.946     | 45526.13  | 1.7594  | P    | 1.4 |
| 5 | <input type="checkbox"/> | 125.000  | 130.747    | 112174.86 | 4.5799  | P    | 3.0 |
| 6 | <input type="checkbox"/> | 250.000  | 254.536    | 201942.42 | 8.9010  | P    | 1.6 |
| 7 | <input type="checkbox"/> | 500.000  | 502.482    | 355198.01 | 17.5559 | P    | 1.6 |
| 8 | <input type="checkbox"/> | 1000.000 | 996.909    | 693729.74 | 34.8147 | P    | 0.5 |
| 9 | <input type="checkbox"/> |          |            | 42156.85  | 1.9594  | P    | 3.9 |

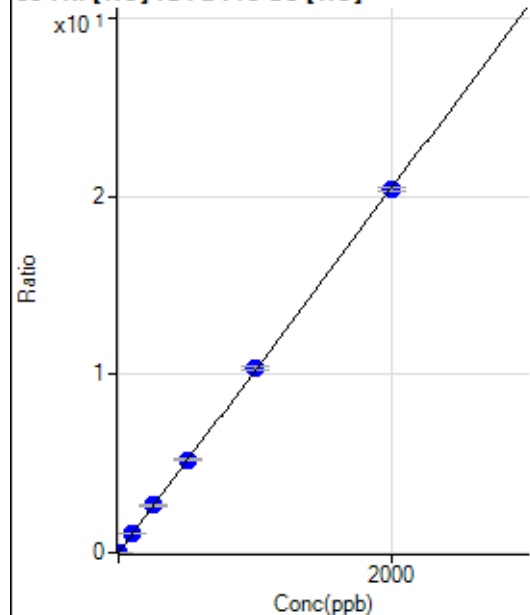
$$y = 0.0349 * x + 0.0160$$

$$R = 1.0000$$

$$DL = 0.06425$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio   | Det. | RSD |
|---|--------------------------|----------|------------|-----------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 28.89     | 0.0011  | P    | 3.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |         |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.872      | 270.01    | 0.0101  | P    | 6.3 |
| 4 | <input type="checkbox"/> | 100.000  | 101.240    | 26872.66  | 1.0384  | P    | 0.7 |
| 5 | <input type="checkbox"/> | 250.000  | 261.576    | 65675.74  | 2.6813  | P    | 2.6 |
| 6 | <input type="checkbox"/> | 500.000  | 510.475    | 118683.15 | 5.2315  | P    | 2.0 |
| 7 | <input type="checkbox"/> | 1000.000 | 1011.287   | 209642.08 | 10.3629 | P    | 2.4 |
| 8 | <input type="checkbox"/> | 2000.000 | 1990.229   | 406360.76 | 20.3933 | P    | 1.0 |
| 9 | <input type="checkbox"/> |          |            | 3592.74   | 0.1671  | P    | 5.8 |

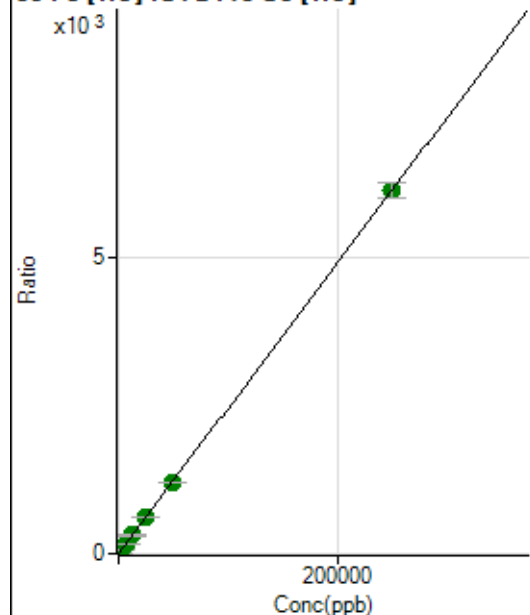
$$y = 0.0102 * x + 0.0011$$

$$R = 0.9999$$

$$DL = 0.01159$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio     | Det | RSD |
|---|--------------------------|-----------|------------|-------------|-----------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 1090.82     | 0.0425    | P   | 7.4 |
| 2 | <input type="checkbox"/> | 5.000     |            |             |           |     |     |
| 3 | <input type="checkbox"/> | 50.000    | 49.746     | 33863.91    | 1.2613    | P   | 0.5 |
| 4 | <input type="checkbox"/> | 2500.000  | 2503.501   | 1588165.81  | 61.3824   | A   | 2.3 |
| 5 | <input type="checkbox"/> | 6250.000  | 6496.462   | 3899899.10  | 159.2165  | A   | 2.7 |
| 6 | <input type="checkbox"/> | 12500.000 | 12672.576  | 7045529.27  | 310.5415  | A   | 1.5 |
| 7 | <input type="checkbox"/> | 25000.000 | 25051.400  | 12418798.20 | 613.8430  | A   | 1.9 |
| 8 | <input type="checkbox"/> | 50000.000 | 49527.103  | 24181358.64 | 1,213.538 | A   | 0.5 |
| 9 | <input type="checkbox"/> | 250000.00 | 250074.61  | 131819703.8 | 6,127.282 | A   | 4.2 |

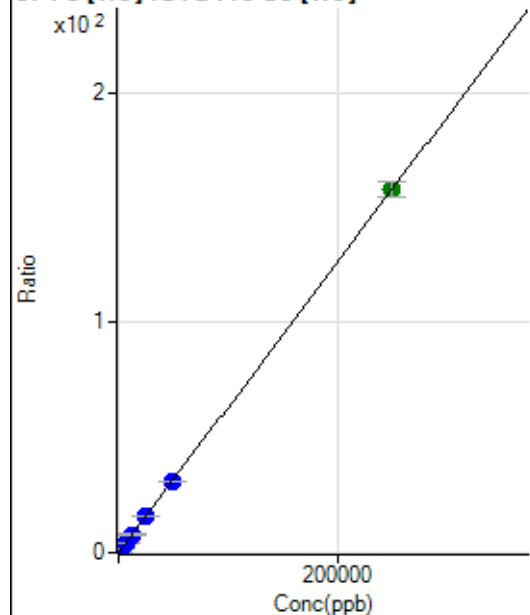
$$y = 0.0245 * x + 0.0425$$

$$R = 1.0000$$

$$DL = 0.3862$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio    | Det | RSD  |
|---|--------------------------|-----------|------------|------------|----------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 25.93      | 0.0010   | P   | 13.6 |
| 2 | <input type="checkbox"/> | 5.000     |            |            |          |     |      |
| 3 | <input type="checkbox"/> | 50.000    | 48.134     | 840.79     | 0.0313   | P   | 10.9 |
| 4 | <input type="checkbox"/> | 2500.000  | 2456.985   | 40058.17   | 1.5481   | P   | 2.0  |
| 5 | <input type="checkbox"/> | 6250.000  | 6324.111   | 97576.39   | 3.9832   | P   | 2.3  |
| 6 | <input type="checkbox"/> | 12500.000 | 12566.037  | 179549.41  | 7.9136   | P   | 1.3  |
| 7 | <input type="checkbox"/> | 25000.000 | 25015.761  | 318698.00  | 15.7529  | P   | 2.1  |
| 8 | <input type="checkbox"/> | 50000.000 | 48900.099  | 613583.21  | 30.7925  | P   | 0.3  |
| 9 | <input type="checkbox"/> | 250000.00 | 250213.68  | 3389642.67 | 157.5557 | A   | 4.1  |

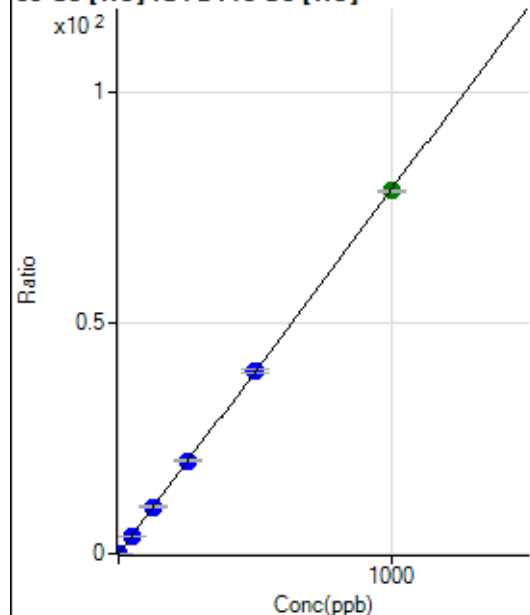
$$y = 6.2968E-004 * x + 0.0010$$

$$R = 1.0000$$

$$DL = 0.6561$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio   | Det. | RSD  |
|---|--------------------------|----------|------------|------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 54.44      | 0.0021  | P    | 37.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |         |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.962      | 2093.53    | 0.0780  | P    | 2.4  |
| 4 | <input type="checkbox"/> | 50.000   | 49.515     | 101048.36  | 3.9053  | P    | 1.9  |
| 5 | <input type="checkbox"/> | 125.000  | 128.810    | 248776.01  | 10.1560 | P    | 2.4  |
| 6 | <input type="checkbox"/> | 250.000  | 254.624    | 455397.36  | 20.0738 | P    | 1.9  |
| 7 | <input type="checkbox"/> | 500.000  | 504.265    | 804227.23  | 39.7526 | P    | 2.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 996.260    | 1564938.69 | 78.5358 | A    | 0.6  |
| 9 | <input type="checkbox"/> |          |            | 21885.13   | 1.0174  | P    | 4.9  |

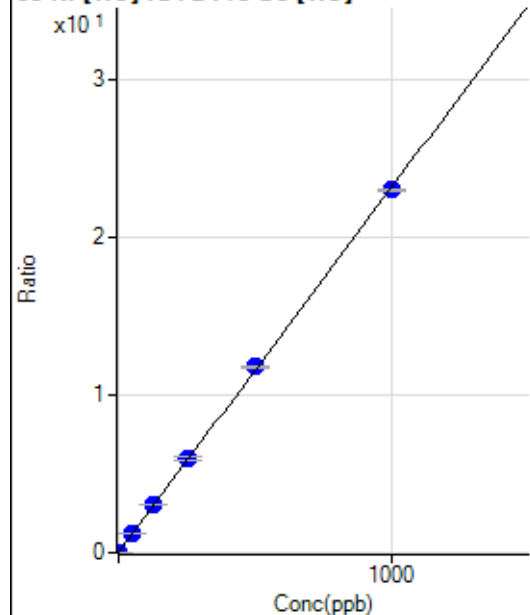
$$y = 0.0788 * x + 0.0021$$

$$R = 1.0000$$

$$DL = 0.03058$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio   | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 346.68    | 0.0135  | P    | 13.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |         |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.920      | 934.49    | 0.0348  | P    | 3.3  |
| 4 | <input type="checkbox"/> | 50.000   | 50.136     | 30381.07  | 1.1741  | P    | 1.4  |
| 5 | <input type="checkbox"/> | 125.000  | 131.492    | 74896.67  | 3.0574  | P    | 2.0  |
| 6 | <input type="checkbox"/> | 250.000  | 257.333    | 135423.87 | 5.9704  | P    | 2.9  |
| 7 | <input type="checkbox"/> | 500.000  | 507.904    | 238151.22 | 11.7709 | P    | 1.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 993.397    | 458494.00 | 23.0094 | P    | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 21866.27  | 1.0164  | P    | 4.2  |

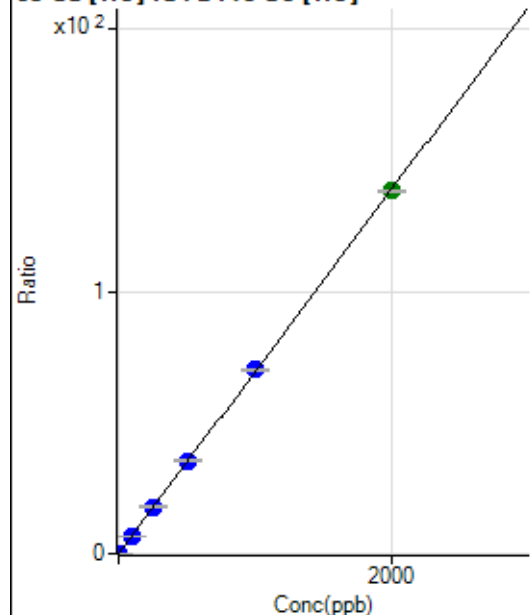
$$y = 0.0231 * x + 0.0135$$

$$R = 0.9999$$

$$DL = 0.23$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio    | Det. | RSD |
|---|--------------------------|----------|------------|------------|----------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 333.34     | 0.0130   | P    | 1.6 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |          |      |     |
| 3 | <input type="checkbox"/> | 2.000    | 1.962      | 4003.98    | 0.1491   | P    | 1.4 |
| 4 | <input type="checkbox"/> | 100.000  | 98.718     | 177572.34  | 6.8627   | P    | 1.7 |
| 5 | <input type="checkbox"/> | 250.000  | 256.342    | 435994.42  | 17.7998  | P    | 2.7 |
| 6 | <input type="checkbox"/> | 500.000  | 507.953    | 799866.29  | 35.2584  | P    | 2.0 |
| 7 | <input type="checkbox"/> | 1000.000 | 1010.263   | 1418530.52 | 70.1122  | P    | 1.6 |
| 8 | <input type="checkbox"/> | 2000.000 | 1992.152   | 2754656.56 | 138.2427 | A    | 0.8 |
| 9 | <input type="checkbox"/> |          |            | 7196.42    | 0.3348   | P    | 7.9 |

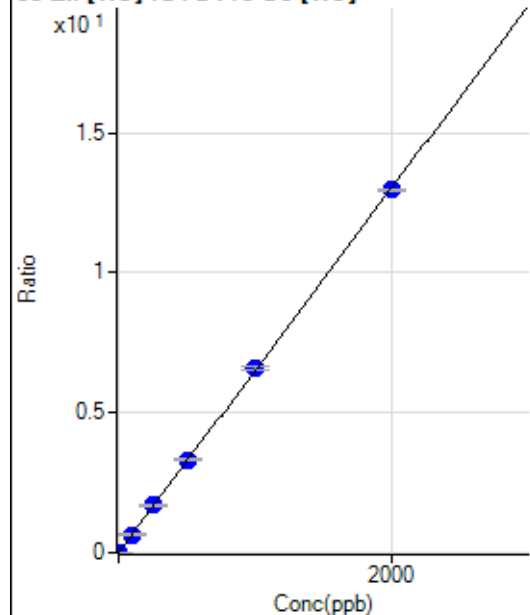
$$y = 0.0694 * x + 0.0130$$

$$R = 1.0000$$

$$DL = 0.009119$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS       | Ratio   | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 68.89     | 0.0027  | P    | 21.9 |
| 2 | <input type="checkbox"/> | 0.200    |            |           |         |      |      |
| 3 | <input type="checkbox"/> | 2.000    | 2.105      | 440.02    | 0.0164  | P    | 8.0  |
| 4 | <input type="checkbox"/> | 100.000  | 99.149     | 16763.67  | 0.6479  | P    | 1.8  |
| 5 | <input type="checkbox"/> | 250.000  | 260.254    | 41541.08  | 1.6962  | P    | 3.5  |
| 6 | <input type="checkbox"/> | 500.000  | 510.931    | 75488.39  | 3.3274  | P    | 1.8  |
| 7 | <input type="checkbox"/> | 1000.000 | 1010.890   | 133141.12 | 6.5807  | P    | 1.8  |
| 8 | <input type="checkbox"/> | 2000.000 | 1990.583   | 258159.84 | 12.9556 | P    | 0.3  |
| 9 | <input type="checkbox"/> |          |            | 2214.66   | 0.1029  | P    | 2.9  |

$$y = 0.0065 * x + 0.0027$$

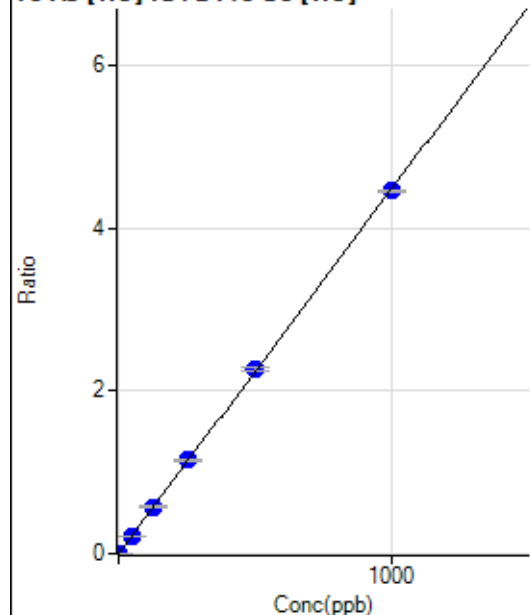
$$R = 0.9999$$

$$DL = 0.2718$$

Weight: &lt;None&gt;

Min Conc: 0

75 As [He] ISTD:45 Sc [He]



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS      | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|----------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 3.09     | 0.0001 | P        | 66.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |          |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.968      | 119.75   | 0.0045 | P        | 14.0 |
| 4 | <input type="checkbox"/> | 50.000   | 48.980     | 5688.87  | 0.2198 | P        | 0.5  |
| 5 | <input type="checkbox"/> | 125.000  | 129.059    | 14183.29 | 0.5791 | P        | 3.0  |
| 6 | <input type="checkbox"/> | 250.000  | 255.989    | 26055.46 | 1.1484 | P        | 2.1  |
| 7 | <input type="checkbox"/> | 500.000  | 505.639    | 45890.71 | 2.2683 | P        | 2.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 995.227    | 88960.93 | 4.4645 | P        | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 164.20   | 0.0076 | P        | 8.7  |

$$y = 0.0045 * x + 1.1868E-004$$

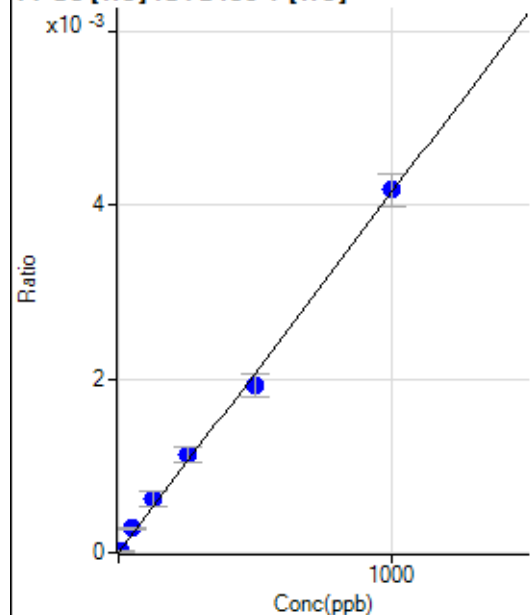
$$R = 0.9999$$

$$DL = 0.05277$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS    | Ratio  | Det<br>. | RSD   |
|---|--------------------------|----------|------------|--------|--------|----------|-------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 0.00   | 0.0000 | P        |       |
| 2 | <input type="checkbox"/> | 0.500    |            |        |        |          |       |
| 3 | <input type="checkbox"/> | 5.000    | 2.709      | 2.22   | 0.0000 | P        | 86.6  |
| 4 | <input type="checkbox"/> | 50.000   | 67.846     | 54.44  | 0.0003 | P        | 8.6   |
| 5 | <input type="checkbox"/> | 125.000  | 149.032    | 113.33 | 0.0006 | P        | 27.9  |
| 6 | <input type="checkbox"/> | 250.000  | 270.363    | 196.67 | 0.0011 | P        | 15.9  |
| 7 | <input type="checkbox"/> | 500.000  | 465.874    | 310.01 | 0.0019 | P        | 14.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 1008.087   | 653.36 | 0.0042 | P        | 9.3   |
| 9 | <input type="checkbox"/> |          |            | 1.11   | 0.0000 | P        | 173.2 |

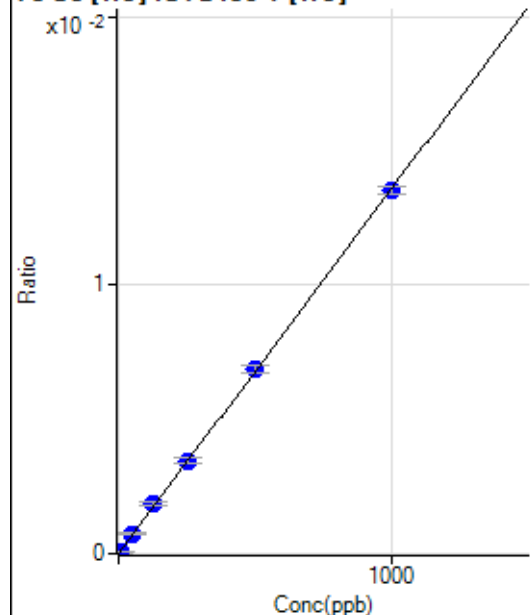
$$y = 4.1427E-006 * x + 0.0000E+000$$

$$R = 0.9985$$

$$DL = 0$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS     | Ratio  | Det. | RSD   |
|---|--------------------------|----------|------------|---------|--------|------|-------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 0.62    | 0.0000 | P    | 173.2 |
| 2 | <input type="checkbox"/> | 0.500    |            |         |        |      |       |
| 3 | <input type="checkbox"/> | 5.000    | 4.829      | 13.58   | 0.0001 | P    | 41.3  |
| 4 | <input type="checkbox"/> | 50.000   | 54.939     | 145.06  | 0.0007 | P    | 18.3  |
| 5 | <input type="checkbox"/> | 125.000  | 137.046    | 342.60  | 0.0019 | P    | 9.8   |
| 6 | <input type="checkbox"/> | 250.000  | 254.812    | 609.28  | 0.0035 | P    | 7.2   |
| 7 | <input type="checkbox"/> | 500.000  | 504.727    | 1103.14 | 0.0069 | P    | 4.5   |
| 8 | <input type="checkbox"/> | 1000.000 | 994.682    | 2114.38 | 0.0135 | P    | 2.2   |
| 9 | <input type="checkbox"/> |          |            | 2.47    | 0.0000 | P    | 41.4  |

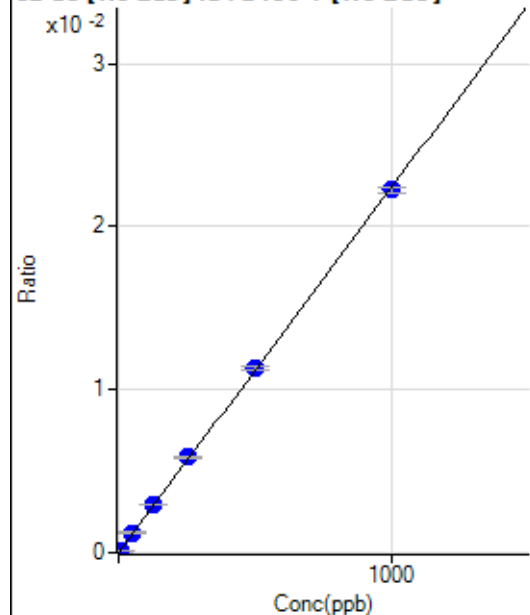
$$y = 1.3588\text{E-}005 * x + 3.1830\text{E-}006$$

$$R = 0.9999$$

$$DL = 1.217$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD   |
|---|--------------------------|----------|------------|-----------|--------|------|-------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | -18.65    | 0.0000 | P    | -150. |
| 2 | <input type="checkbox"/> | 0.500    |            |           |        |      |       |
| 3 | <input type="checkbox"/> | 5.000    | 5.581      | 773.08    | 0.0001 | P    | 7.4   |
| 4 | <input type="checkbox"/> | 50.000   | 54.066     | 7451.55   | 0.0012 | P    | 5.6   |
| 5 | <input type="checkbox"/> | 125.000  | 131.881    | 18583.37  | 0.0030 | P    | 0.1   |
| 6 | <input type="checkbox"/> | 250.000  | 261.071    | 36233.70  | 0.0058 | P    | 0.7   |
| 7 | <input type="checkbox"/> | 500.000  | 505.641    | 66933.08  | 0.0113 | P    | 2.4   |
| 8 | <input type="checkbox"/> | 1000.000 | 993.346    | 129688.40 | 0.0222 | P    | 1.4   |
| 9 | <input type="checkbox"/> |          |            | 80.32     | 0.0000 | P    | 34.6  |

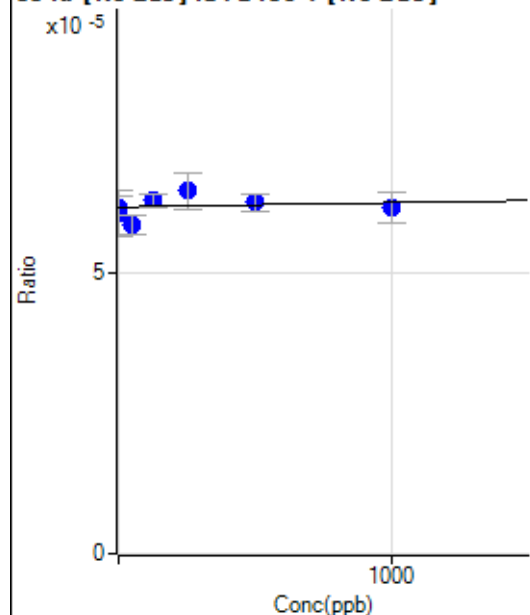
$$y = 2.2400\text{E-}005 * x - 2.9766\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.5981$$

Weight: &lt;None&gt;

Min Conc: 0

**83 Kr [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      | 387.79 | 0.0001 | P        | 6.7  |
| 2 | <input type="checkbox"/> | 0.100    |            |        |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | -1469.723  | 383.35 | 0.0001 | P        | 13.4 |
| 4 | <input type="checkbox"/> | 50.000   | -4090.246  | 362.23 | 0.0001 | P        | 5.8  |
| 5 | <input type="checkbox"/> | 125.000  | 1478.968   | 395.57 | 0.0001 | P        | 3.5  |
| 6 | <input type="checkbox"/> | 250.000  | 3724.596   | 400.01 | 0.0001 | P        | 10.1 |
| 7 | <input type="checkbox"/> | 500.000  | 1129.344   | 370.01 | 0.0001 | P        | 4.9  |
| 8 | <input type="checkbox"/> | 1000.000 | -144.084   | 358.90 | 0.0001 | P        | 9.3  |
| 9 | <input type="checkbox"/> |          |            | 393.35 | 0.0001 | P        | 3.8  |

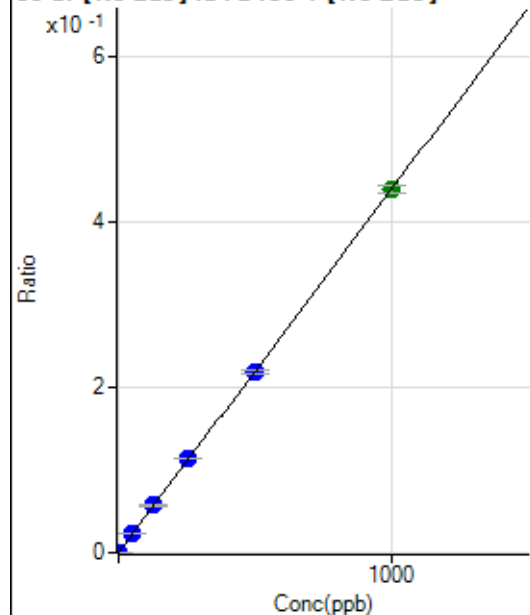
$$y = 7.6603\text{E-}010 * x + 6.1688\text{E-}005$$

$$R = 0.2150$$

$$DL = 1.624\text{E+}04$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 677.83     | 0.0001 | P        | 20.7 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.043      | 3583.97    | 0.0006 | P        | 2.7  |
| 4 | <input type="checkbox"/> | 50.000   | 51.546     | 140244.16  | 0.0227 | P        | 3.7  |
| 5 | <input type="checkbox"/> | 125.000  | 129.731    | 359137.41  | 0.0570 | P        | 0.6  |
| 6 | <input type="checkbox"/> | 250.000  | 257.683    | 701592.94  | 0.1132 | P        | 0.7  |
| 7 | <input type="checkbox"/> | 500.000  | 498.027    | 1292483.59 | 0.2186 | P        | 1.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 998.397    | 2554220.98 | 0.4382 | A        | 2.0  |
| 9 | <input type="checkbox"/> |          |            | 12453.44   | 0.0021 | P        | 0.2  |

$$y = 4.3879\text{E-}004 * x + 1.0800\text{E-}004$$

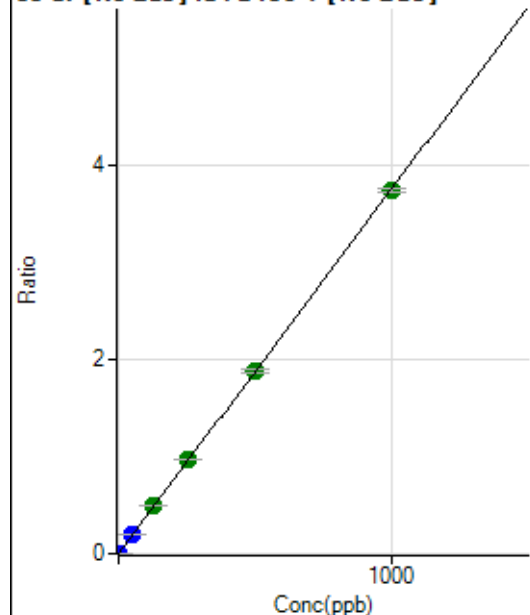
$$R = 1.0000$$

$$DL = 0.1526$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 169.45      | 0.0000 | P    | 11.8 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.045      | 25051.66    | 0.0040 | P    | 0.9  |
| 4 | <input type="checkbox"/> | 50.000   | 52.661     | 1222331.52  | 0.1981 | P    | 4.2  |
| 5 | <input type="checkbox"/> | 125.000  | 132.419    | 3136511.09  | 0.4981 | A    | 0.3  |
| 6 | <input type="checkbox"/> | 250.000  | 258.410    | 6025352.31  | 0.9720 | A    | 1.0  |
| 7 | <input type="checkbox"/> | 500.000  | 503.188    | 11188124.21 | 1.8927 | A    | 2.0  |
| 8 | <input type="checkbox"/> | 1000.000 | 995.243    | 21822196.15 | 3.7434 | A    | 1.1  |
| 9 | <input type="checkbox"/> |          |            | 103994.60   | 0.0179 | P    | 1.5  |

$$y = 0.0038 * x + 2.6950E-005$$

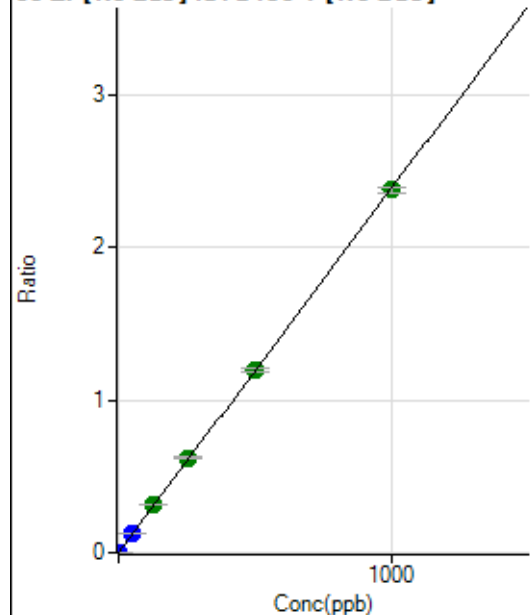
$$R = 0.9999$$

$$DL = 0.002545$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|-------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 608.38      | 0.0001 | P    | 7.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.921      | 14550.02    | 0.0023 | P    | 2.5 |
| 4 | <input type="checkbox"/> | 50.000   | 51.397     | 758290.76   | 0.1229 | P    | 3.5 |
| 5 | <input type="checkbox"/> | 125.000  | 132.287    | 1990383.64  | 0.3161 | A    | 0.3 |
| 6 | <input type="checkbox"/> | 250.000  | 260.123    | 3852320.14  | 0.6214 | A    | 0.9 |
| 7 | <input type="checkbox"/> | 500.000  | 501.480    | 7081255.71  | 1.1980 | A    | 2.3 |
| 8 | <input type="checkbox"/> | 1000.000 | 995.748    | 13865316.28 | 2.3786 | A    | 1.5 |
| 9 | <input type="checkbox"/> |          |            | 6107.25     | 0.0011 | P    | 3.6 |

$$y = 0.0024 * x + 9.6791E-005$$

$$R = 0.9999$$

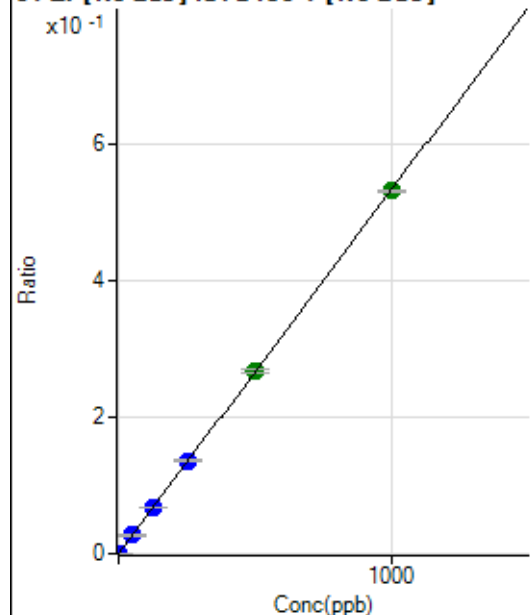
$$DL = 0.009663$$

Weight: &lt;None&gt;

Min Conc: 0



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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 113.89     | 0.0000 | P    | 17.8 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.898      | 3150.52    | 0.0005 | P    | 3.5  |
| 4 | <input type="checkbox"/> | 50.000   | 50.917     | 167830.35  | 0.0272 | P    | 4.2  |
| 5 | <input type="checkbox"/> | 125.000  | 127.743    | 429462.13  | 0.0682 | P    | 0.4  |
| 6 | <input type="checkbox"/> | 250.000  | 255.543    | 845628.24  | 0.1364 | P    | 1.3  |
| 7 | <input type="checkbox"/> | 500.000  | 503.069    | 1587434.51 | 0.2685 | A    | 1.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 996.691    | 3101498.36 | 0.5320 | A    | 0.2  |
| 9 | <input type="checkbox"/> |          |            | 1419.59    | 0.0002 | P    | 4.1  |

$$y = 5.3375\text{E-}004 * x + 1.8106\text{E-}005$$

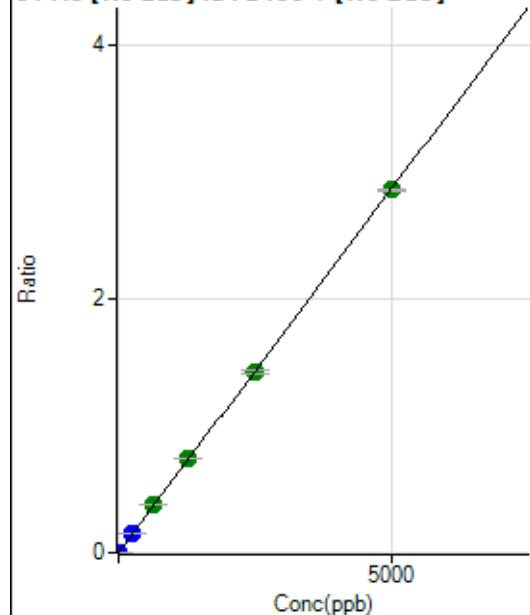
$$R = 1.0000$$

$$DL = 0.01807$$

Weight: &lt;None&gt;

Min Conc: 0

94 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    | 18.4 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.859      | 17907.01    | 0.0028 | P    | 2.2  |
| 4 | <input type="checkbox"/> | 250.000  | 258.082    | 913596.69   | 0.1481 | P    | 5.1  |
| 5 | <input type="checkbox"/> | 625.000  | 657.651    | 2376012.05  | 0.3773 | A    | 0.5  |
| 6 | <input type="checkbox"/> | 1250.000 | 1291.177   | 4592044.59  | 0.7408 | A    | 0.7  |
| 7 | <input type="checkbox"/> | 2500.000 | 2497.073   | 8468263.82  | 1.4326 | A    | 2.1  |
| 8 | <input type="checkbox"/> | 5000.000 | 4986.684   | 16677295.34 | 2.8608 | A    | 0.7  |
| 9 | <input type="checkbox"/> |          |            | 24826.28    | 0.0043 | P    | 4.1  |

$$y = 5.7368\text{E-}004 * x + 3.9776\text{E-}005$$

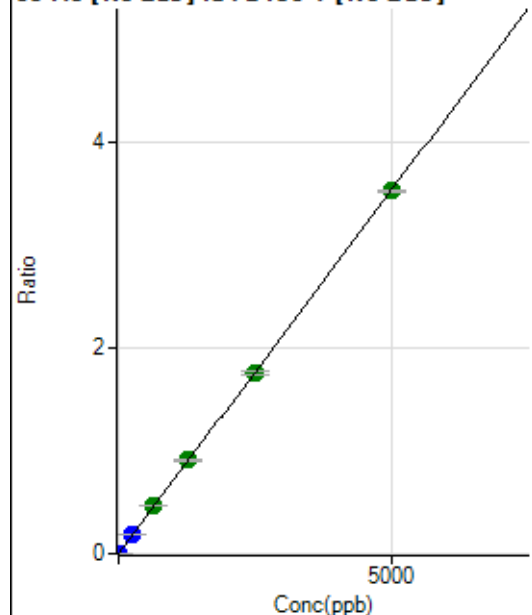
$$R = 0.9999$$

$$DL = 0.03821$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 152.79      | 0.0000 | P    | 32.9 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.967      | 22346.98    | 0.0035 | P    | 1.2  |
| 4 | <input type="checkbox"/> | 250.000  | 258.604    | 1125626.26  | 0.1825 | P    | 5.0  |
| 5 | <input type="checkbox"/> | 625.000  | 651.264    | 2893392.30  | 0.4595 | A    | 0.2  |
| 6 | <input type="checkbox"/> | 1250.000 | 1286.450   | 5626285.02  | 0.9076 | A    | 0.7  |
| 7 | <input type="checkbox"/> | 2500.000 | 2495.974   | 10409187.56 | 1.7609 | A    | 2.1  |
| 8 | <input type="checkbox"/> | 5000.000 | 4989.187   | 20519067.99 | 3.5199 | A    | 0.8  |
| 9 | <input type="checkbox"/> |          |            | 39606.00    | 0.0068 | P    | 3.1  |

$$y = 7.0549\text{E-}004 * x + 2.4282\text{E-}005$$

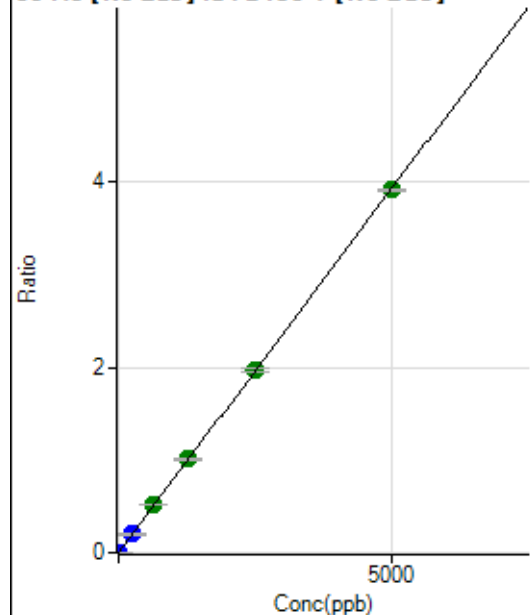
$$R = 1.0000$$

$$DL = 0.03399$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 247.24      | 0.0000 | P    | 16.9 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 5.011      | 25151.93    | 0.0040 | P    | 1.6  |
| 4 | <input type="checkbox"/> | 250.000  | 257.052    | 1244518.86  | 0.2017 | P    | 5.1  |
| 5 | <input type="checkbox"/> | 625.000  | 651.848    | 3221143.95  | 0.5115 | A    | 0.8  |
| 6 | <input type="checkbox"/> | 1250.000 | 1282.327   | 6237855.18  | 1.0063 | A    | 1.5  |
| 7 | <input type="checkbox"/> | 2500.000 | 2504.883   | 11619525.61 | 1.9656 | A    | 1.9  |
| 8 | <input type="checkbox"/> | 5000.000 | 4985.768   | 22807601.73 | 3.9123 | A    | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 44576.93    | 0.0077 | P    | 3.4  |

$$y = 7.8469\text{E-}004 * x + 3.9378\text{E-}005$$

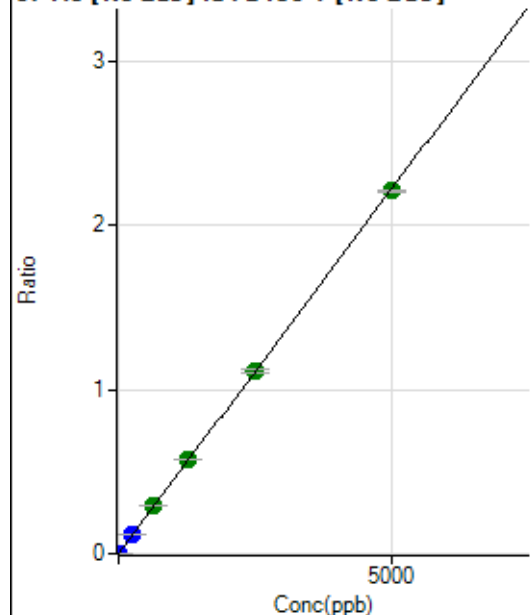
$$R = 1.0000$$

$$DL = 0.02544$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|-------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 127.78      | 0.0000 | P    | 6.6 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |     |
| 3 | <input type="checkbox"/> | 5.000    | 4.959      | 14055.14    | 0.0022 | P    | 2.2 |
| 4 | <input type="checkbox"/> | 250.000  | 257.106    | 703538.22   | 0.1140 | P    | 4.9 |
| 5 | <input type="checkbox"/> | 625.000  | 654.142    | 1826898.54  | 0.2901 | A    | 0.3 |
| 6 | <input type="checkbox"/> | 1250.000 | 1298.553   | 3570062.49  | 0.5759 | A    | 0.8 |
| 7 | <input type="checkbox"/> | 2500.000 | 2514.750   | 6592600.32  | 1.1153 | A    | 2.2 |
| 8 | <input type="checkbox"/> | 5000.000 | 4976.489   | 12866024.59 | 2.2070 | A    | 0.6 |
| 9 | <input type="checkbox"/> |          |            | 24962.79    | 0.0043 | P    | 5.2 |

$$y = 4.4348\text{E-}004 * x + 2.0323\text{E-}005$$

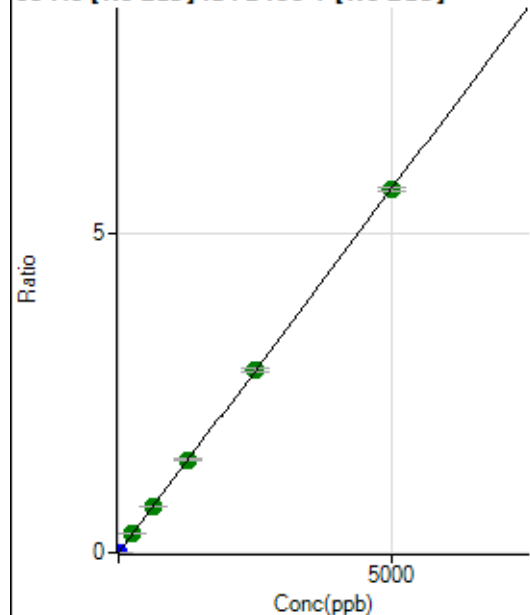
$$R = 0.9999$$

$$DL = 0.009096$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 202.79      | 0.0000 | P    | 30.0 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.990      | 36263.37    | 0.0057 | P    | 2.4  |
| 4 | <input type="checkbox"/> | 250.000  | 258.283    | 1818107.55  | 0.2947 | A    | 5.0  |
| 5 | <input type="checkbox"/> | 625.000  | 641.463    | 4608886.13  | 0.7319 | A    | 0.4  |
| 6 | <input type="checkbox"/> | 1250.000 | 1279.703   | 9051326.33  | 1.4601 | A    | 1.0  |
| 7 | <input type="checkbox"/> | 2500.000 | 2507.055   | 16909520.17 | 2.8605 | A    | 1.8  |
| 8 | <input type="checkbox"/> | 5000.000 | 4986.575   | 33166281.64 | 5.6895 | A    | 1.1  |
| 9 | <input type="checkbox"/> |          |            | 63680.90    | 0.0110 | P    | 3.0  |

$$y = 0.0011 * x + 3.2219\text{E-}005$$

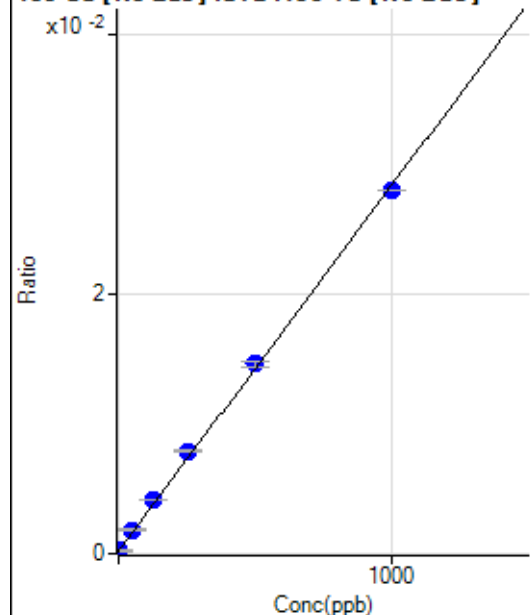
$$R = 1.0000$$

$$DL = 0.02544$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|-----------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1522.38   | 0.0002 | P   | 9.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |     |     |
| 3 | <input type="checkbox"/> | 1.000    | 1.218      | 1802.99   | 0.0002 | P   | 7.9 |
| 4 | <input type="checkbox"/> | 50.000   | 58.141     | 14672.41  | 0.0018 | P   | 4.1 |
| 5 | <input type="checkbox"/> | 125.000  | 140.919    | 34464.65  | 0.0042 | P   | 2.3 |
| 6 | <input type="checkbox"/> | 250.000  | 274.236    | 66961.01  | 0.0079 | P   | 1.7 |
| 7 | <input type="checkbox"/> | 500.000  | 511.909    | 122471.53 | 0.0146 | P   | 2.4 |
| 8 | <input type="checkbox"/> | 1000.000 | 985.589    | 235894.56 | 0.0279 | P   | 0.2 |
| 9 | <input type="checkbox"/> |          |            | 1433.49   | 0.0002 | P   | 4.7 |

$$y = 2.8166\text{E-}005 * x + 1.8824\text{E-}004$$

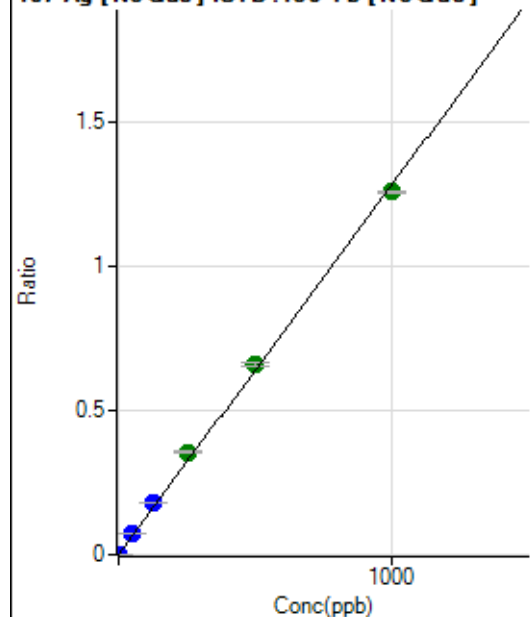
$$R = 0.9995$$

$$DL = 1.882$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 83.34       | 0.0000 | P   | 70.0 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.141      | 11897.38    | 0.0015 | P   | 5.1  |
| 4 | <input type="checkbox"/> | 50.000   | 57.412     | 590077.63   | 0.0735 | P   | 5.1  |
| 5 | <input type="checkbox"/> | 125.000  | 141.152    | 1497228.79  | 0.1806 | P   | 0.5  |
| 6 | <input type="checkbox"/> | 250.000  | 277.628    | 3005843.28  | 0.3552 | A   | 2.2  |
| 7 | <input type="checkbox"/> | 500.000  | 516.395    | 5539506.72  | 0.6607 | A   | 2.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 982.506    | 10609389.82 | 1.2570 | A   | 0.4  |
| 9 | <input type="checkbox"/> |          |            | 1564.06     | 0.0002 | P   | 2.6  |

$$y = 0.0013 * x + 1.0292\text{E-}005$$

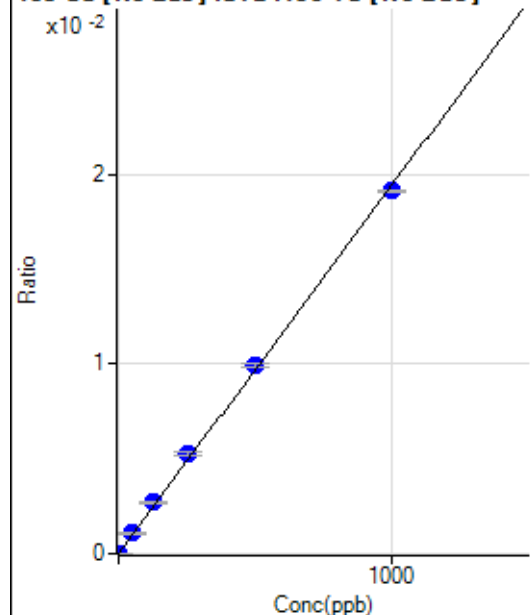
$$R = 0.9993$$

$$DL = 0.01688$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 9.72      | 0.0000 | P   | 49.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.990      | 165.28    | 0.0000 | P   | 20.6 |
| 4 | <input type="checkbox"/> | 50.000   | 56.315     | 8771.10   | 0.0011 | P   | 7.2  |
| 5 | <input type="checkbox"/> | 125.000  | 139.548    | 22432.89  | 0.0027 | P   | 2.5  |
| 6 | <input type="checkbox"/> | 250.000  | 272.781    | 44745.24  | 0.0053 | P   | 2.9  |
| 7 | <input type="checkbox"/> | 500.000  | 512.524    | 83295.32  | 0.0099 | P   | 2.0  |
| 8 | <input type="checkbox"/> | 1000.000 | 985.909    | 161282.63 | 0.0191 | P   | 0.3  |
| 9 | <input type="checkbox"/> |          |            | 58.33     | 0.0000 | P   | 53.7 |

$$y = 1.9380\text{E-}005 * x + 1.2022\text{E-}006$$

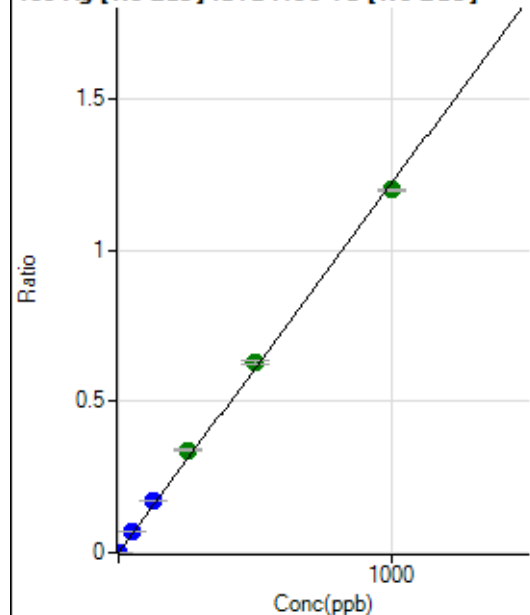
$$R = 0.9995$$

$$DL = 0.09203$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 47.22       | 0.0000 | P   | 51.0 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.167      | 11580.47    | 0.0014 | P   | 4.9  |
| 4 | <input type="checkbox"/> | 50.000   | 57.433     | 562620.17   | 0.0700 | P   | 4.9  |
| 5 | <input type="checkbox"/> | 125.000  | 140.824    | 1423692.91  | 0.1717 | P   | 0.5  |
| 6 | <input type="checkbox"/> | 250.000  | 277.228    | 2860841.73  | 0.3381 | A   | 1.9  |
| 7 | <input type="checkbox"/> | 500.000  | 515.899    | 5274492.78  | 0.6291 | A   | 2.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 982.894    | 10116093.02 | 1.1985 | A   | 0.2  |
| 9 | <input type="checkbox"/> |          |            | 1486.26     | 0.0002 | P   | 14.8 |

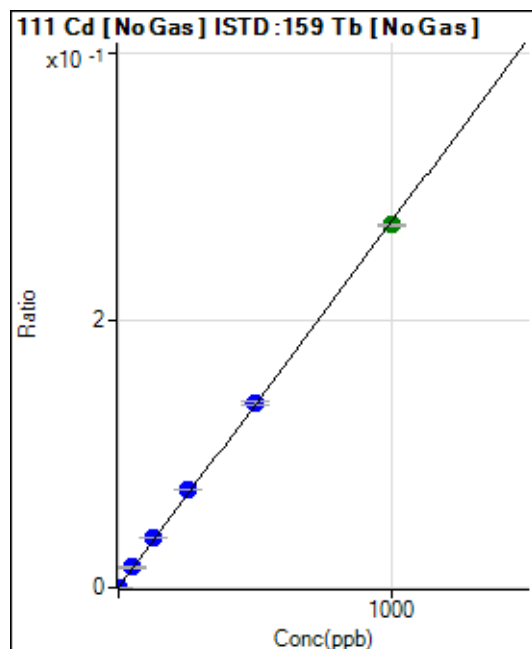
$$y = 0.0012 * x + 5.8390\text{E-}006$$

$$R = 0.9993$$

$$DL = 0.007322$$

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      | 1071.36    | 0.0001 | P   | 9.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |     |     |
| 3 | <input type="checkbox"/> | 1.000    | 1.090      | 3488.32    | 0.0004 | P   | 1.7 |
| 4 | <input type="checkbox"/> | 50.000   | 55.646     | 123377.15  | 0.0154 | P   | 4.7 |
| 5 | <input type="checkbox"/> | 125.000  | 138.064    | 314274.12  | 0.0379 | P   | 1.0 |
| 6 | <input type="checkbox"/> | 250.000  | 266.593    | 618472.05  | 0.0731 | P   | 0.7 |
| 7 | <input type="checkbox"/> | 500.000  | 504.947    | 1159571.77 | 0.1383 | P   | 1.7 |
| 8 | <input type="checkbox"/> | 1000.000 | 991.463    | 2290767.13 | 0.2714 | A   | 0.6 |
| 9 | <input type="checkbox"/> |          |            | 1445.97    | 0.0002 | P   | 4.7 |

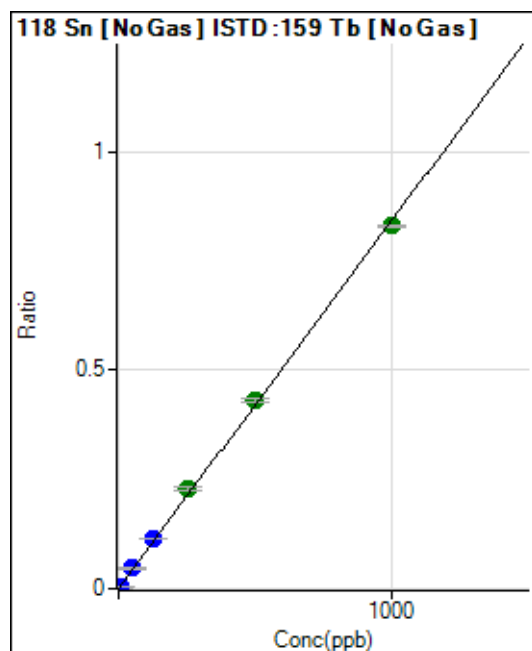
$$y = 2.7361\text{E-}004 * x + 1.3247\text{E-}004$$

$$R = 0.9998$$

$$DL = 0.1349$$

Weight: <None>

Min Conc: 0



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 786.19     | 0.0001 | P   | 11.3 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 5.451      | 37901.88   | 0.0047 | P   | 0.7  |
| 4 | <input type="checkbox"/> | 50.000   | 54.910     | 371562.86  | 0.0463 | P   | 5.2  |
| 5 | <input type="checkbox"/> | 125.000  | 136.082    | 949253.41  | 0.1145 | P   | 0.6  |
| 6 | <input type="checkbox"/> | 250.000  | 271.928    | 1935433.59 | 0.2287 | A   | 2.0  |
| 7 | <input type="checkbox"/> | 500.000  | 512.572    | 3613881.76 | 0.4310 | A   | 2.0  |
| 8 | <input type="checkbox"/> | 1000.000 | 986.599    | 7001320.12 | 0.8295 | A   | 0.6  |
| 9 | <input type="checkbox"/> |          |            | 17606.74   | 0.0022 | P   | 6.4  |

$$y = 8.4068\text{E-}004 * x + 9.7224\text{E-}005$$

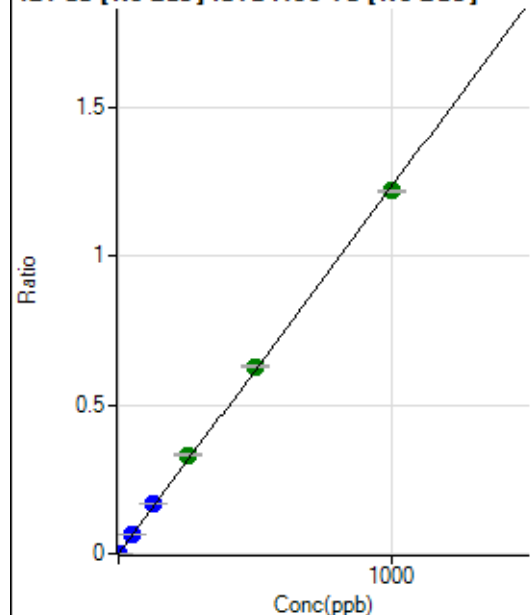
$$R = 0.9996$$

$$DL = 0.03932$$

Weight: <None>

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      | 269.46      | 0.0000 | P    | 39.4 |
| 2 | <input type="checkbox"/> | 0.200    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 2.000    | 2.120      | 21423.57    | 0.0026 | P    | 3.4  |
| 4 | <input type="checkbox"/> | 50.000   | 53.565     | 530346.52   | 0.0660 | P    | 3.8  |
| 5 | <input type="checkbox"/> | 125.000  | 134.189    | 1370355.86  | 0.1653 | P    | 0.6  |
| 6 | <input type="checkbox"/> | 250.000  | 268.563    | 2799393.12  | 0.3308 | A    | 1.6  |
| 7 | <input type="checkbox"/> | 500.000  | 510.402    | 5270987.75  | 0.6286 | A    | 1.5  |
| 8 | <input type="checkbox"/> | 1000.000 | 988.831    | 10278752.57 | 1.2178 | A    | 0.2  |
| 9 | <input type="checkbox"/> |          |            | 28965.95    | 0.0035 | P    | 6.6  |

$$y = 0.0012 * x + 3.3337E-005$$

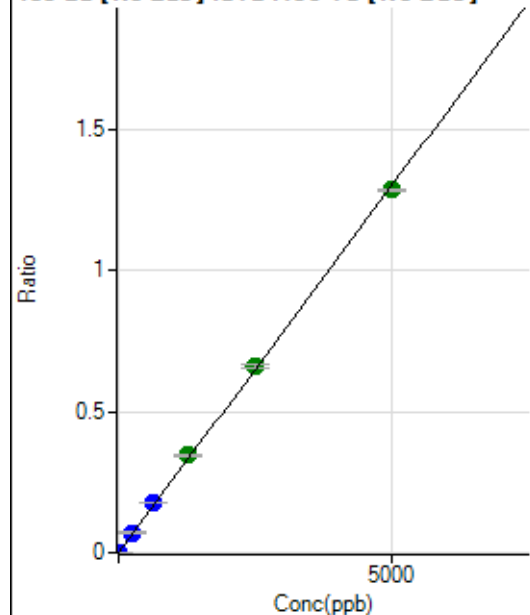
$$R = 0.9997$$

$$DL = 0.03202$$

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      | 44.45       | 0.0000 | P    | 78.0 |
| 2 | <input type="checkbox"/> | 1.000    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 10.000   | 10.484     | 22069.29    | 0.0027 | P    | 3.1  |
| 4 | <input type="checkbox"/> | 250.000  | 273.254    | 569651.54   | 0.0709 | P    | 4.4  |
| 5 | <input type="checkbox"/> | 625.000  | 677.525    | 1457441.70  | 0.1758 | P    | 0.9  |
| 6 | <input type="checkbox"/> | 1250.000 | 1331.594   | 2924038.52  | 0.3455 | A    | 1.5  |
| 7 | <input type="checkbox"/> | 2500.000 | 2550.340   | 5548232.16  | 0.6617 | A    | 2.3  |
| 8 | <input type="checkbox"/> | 5000.000 | 4946.702   | 10833022.81 | 1.2835 | A    | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 2972.69     | 0.0004 | P    | 5.4  |

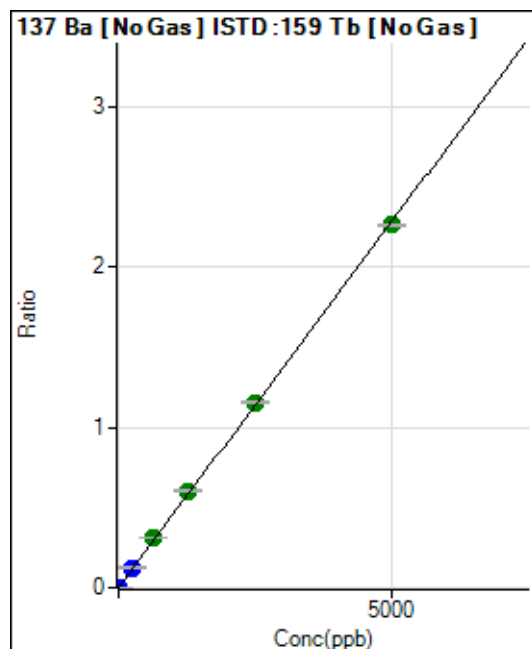
$$y = 2.5946E-004 * x + 5.4990E-006$$

$$R = 0.9998$$

$$DL = 0.04962$$

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      | 66.67       | 0.0000 | P   | 12.3 |
| 2 | <input type="checkbox"/> | 1.000    |            |             |        |     |      |
| 3 | <input type="checkbox"/> | 10.000   | 10.705     | 39646.48    | 0.0049 | P   | 2.2  |
| 4 | <input type="checkbox"/> | 250.000  | 273.370    | 1002958.31  | 0.1248 | P   | 4.3  |
| 5 | <input type="checkbox"/> | 625.000  | 681.242    | 2578996.41  | 0.3111 | A   | 0.5  |
| 6 | <input type="checkbox"/> | 1250.000 | 1318.467   | 5094919.04  | 0.6020 | A   | 1.9  |
| 7 | <input type="checkbox"/> | 2500.000 | 2530.889   | 9690431.55  | 1.1557 | A   | 1.5  |
| 8 | <input type="checkbox"/> | 5000.000 | 4959.238   | 19112835.85 | 2.2645 | A   | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 5320.74     | 0.0007 | P   | 3.7  |

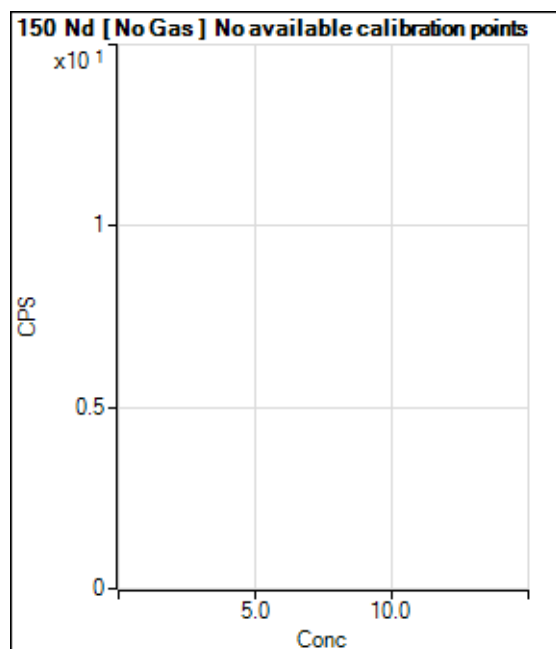
$$y = 4.5662\text{E-}004 * x + 8.2423\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.006654$$

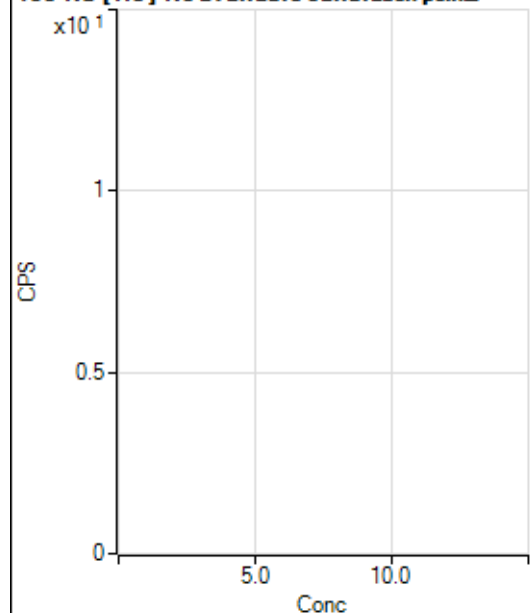
Weight: <None>

Min Conc: 0

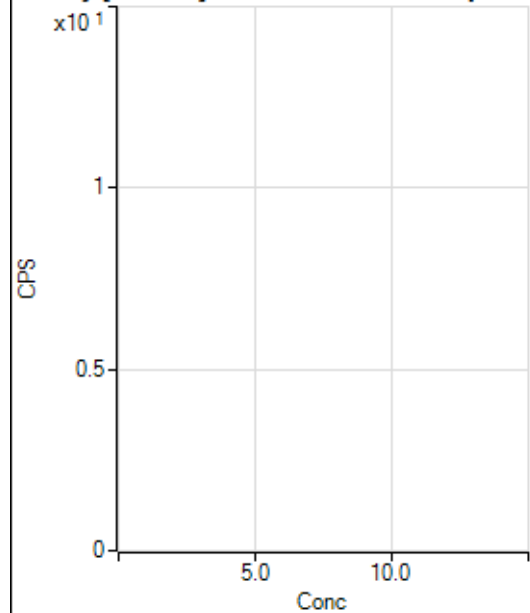


|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det | RSD  |
|---|--------------------------|-------|------------|--------|-------|-----|------|
| 1 | <input type="checkbox"/> |       |            | 8.89   |       | P   | 86.6 |
| 2 | <input type="checkbox"/> |       |            |        |       |     |      |
| 3 | <input type="checkbox"/> |       |            | 11.11  |       | P   | 69.3 |
| 4 | <input type="checkbox"/> |       |            | 37.78  |       | P   | 50.9 |
| 5 | <input type="checkbox"/> |       |            | 71.12  |       | P   | 35.5 |
| 6 | <input type="checkbox"/> |       |            | 175.56 |       | P   | 5.8  |
| 7 | <input type="checkbox"/> |       |            | 342.24 |       | P   | 6.8  |
| 8 | <input type="checkbox"/> |       |            | 526.70 |       | P   | 6.3  |
| 9 | <input type="checkbox"/> |       |            | 100.01 |       | P   | 23.1 |

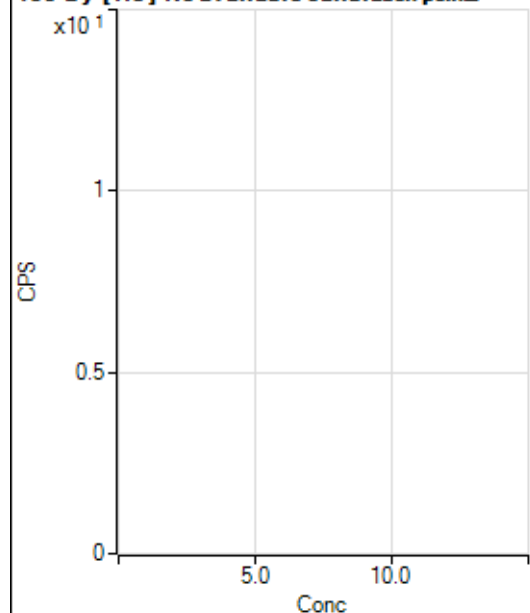


**150 Nd [He] No available calibration points**

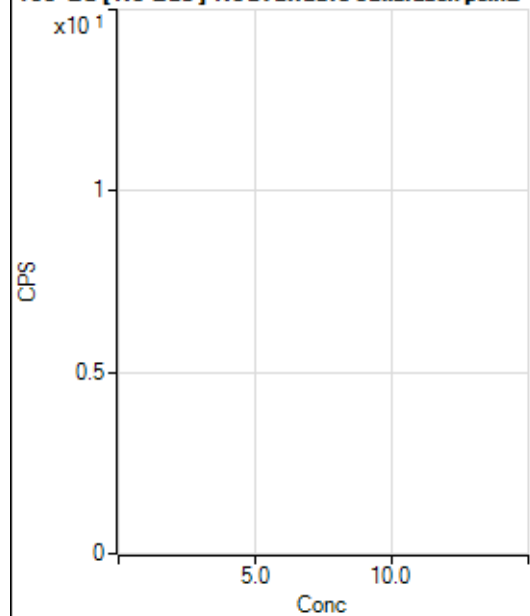
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD   |
|---|--------------------------|-------|------------|-------|-------|----------|-------|
| 1 | <input type="checkbox"/> |       |            | 0.00  |       | P        |       |
| 2 | <input type="checkbox"/> |       |            |       |       |          |       |
| 3 | <input type="checkbox"/> |       |            | 0.00  |       | P        |       |
| 4 | <input type="checkbox"/> |       |            | 0.00  |       | P        |       |
| 5 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173.2 |
| 6 | <input type="checkbox"/> |       |            | 3.33  |       | P        | 0.0   |
| 7 | <input type="checkbox"/> |       |            | 11.11 |       | P        | 17.3  |
| 8 | <input type="checkbox"/> |       |            | 15.55 |       | P        | 44.6  |
| 9 | <input type="checkbox"/> |       |            | 16.67 |       | P        | 20.0  |

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

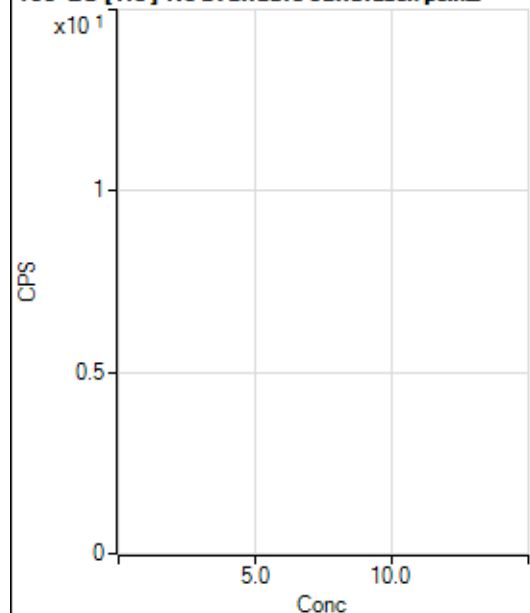
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 19.44  |       | P        | 49.5 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 19.45  |       | P        | 24.7 |
| 4 | <input type="checkbox"/> |       |            | 19.45  |       | P        | 65.5 |
| 5 | <input type="checkbox"/> |       |            | 41.67  |       | P        | 20.0 |
| 6 | <input type="checkbox"/> |       |            | 47.22  |       | P        | 10.2 |
| 7 | <input type="checkbox"/> |       |            | 69.45  |       | P        | 27.7 |
| 8 | <input type="checkbox"/> |       |            | 180.57 |       | P        | 17.5 |
| 9 | <input type="checkbox"/> |       |            | 102.78 |       | P        | 36.6 |

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

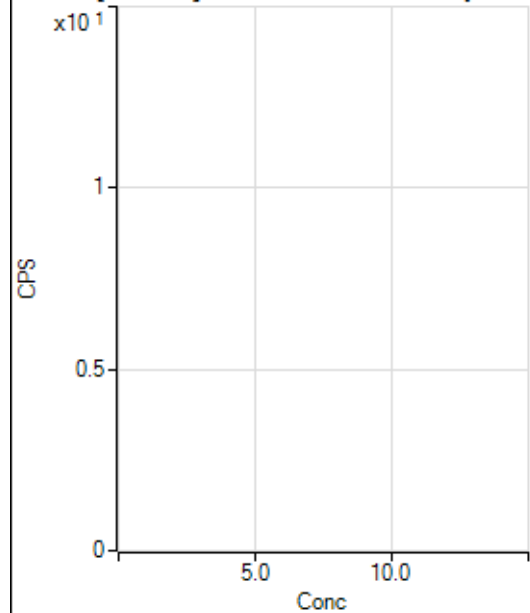
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD   |
|---|--------------------------|-------|------------|-------|-------|----------|-------|
| 1 | <input type="checkbox"/> |       |            | 2.22  |       | P        | 173.2 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |       |
| 3 | <input type="checkbox"/> |       |            | 2.22  |       | P        | 173.2 |
| 4 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173.2 |
| 5 | <input type="checkbox"/> |       |            | 3.33  |       | P        | 100.1 |
| 6 | <input type="checkbox"/> |       |            | 3.33  |       | P        | 100.1 |
| 7 | <input type="checkbox"/> |       |            | 12.22 |       | P        | 31.5  |
| 8 | <input type="checkbox"/> |       |            | 16.67 |       | P        | 34.6  |
| 9 | <input type="checkbox"/> |       |            | 16.66 |       | P        | 34.6  |

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

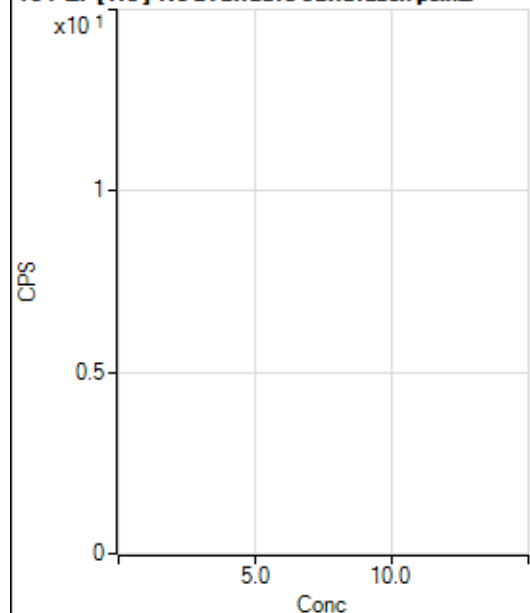
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 80.56  |       | P        | 6.0  |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 75.00  |       | P        | 29.4 |
| 4 | <input type="checkbox"/> |       |            | 55.56  |       | P        | 22.9 |
| 5 | <input type="checkbox"/> |       |            | 66.67  |       | P        | 45.1 |
| 6 | <input type="checkbox"/> |       |            | 66.67  |       | P        | 57.3 |
| 7 | <input type="checkbox"/> |       |            | 86.11  |       | P        | 20.1 |
| 8 | <input type="checkbox"/> |       |            | 108.34 |       | P        | 53.8 |
| 9 | <input type="checkbox"/> |       |            | 122.23 |       | P        | 21.9 |

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

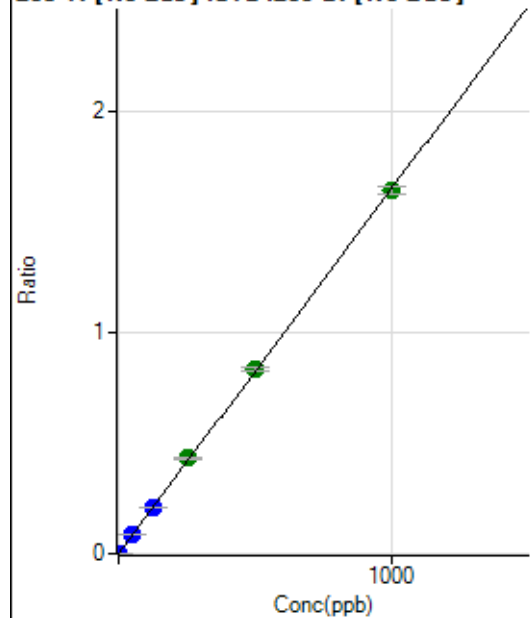
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 6.67  |       | P        | 50.0 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 8.89  |       | P        | 43.3 |
| 4 | <input type="checkbox"/> |       |            | 7.78  |       | P        | 24.7 |
| 5 | <input type="checkbox"/> |       |            | 7.78  |       | P        | 89.2 |
| 6 | <input type="checkbox"/> |       |            | 10.00 |       | P        | 33.3 |
| 7 | <input type="checkbox"/> |       |            | 11.11 |       | P        | 45.8 |
| 8 | <input type="checkbox"/> |       |            | 28.89 |       | P        | 13.3 |
| 9 | <input type="checkbox"/> |       |            | 24.44 |       | P        | 7.9  |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 22.22 |       | P        | 57.3 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 36.11 |       | P        | 35.3 |
| 4 | <input type="checkbox"/> |       |            | 25.00 |       | P        | 33.3 |
| 5 | <input type="checkbox"/> |       |            | 22.22 |       | P        | 57.3 |
| 6 | <input type="checkbox"/> |       |            | 33.33 |       | P        | 75.0 |
| 7 | <input type="checkbox"/> |       |            | 38.89 |       | P        | 53.9 |
| 8 | <input type="checkbox"/> |       |            | 69.45 |       | P        | 36.7 |
| 9 | <input type="checkbox"/> |       |            | 61.12 |       | P        | 34.3 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det. | RSD   |
|---|--------------------------|-------|------------|-------|-------|------|-------|
| 1 | <input type="checkbox"/> |       |            | 3.33  |       | P    | 100.1 |
| 2 | <input type="checkbox"/> |       |            |       |       |      |       |
| 3 | <input type="checkbox"/> |       |            | 4.44  |       | P    | 114.6 |
| 4 | <input type="checkbox"/> |       |            | 2.22  |       | P    | 86.6  |
| 5 | <input type="checkbox"/> |       |            | 4.44  |       | P    | 43.4  |
| 6 | <input type="checkbox"/> |       |            | 6.67  |       | P    | 0.0   |
| 7 | <input type="checkbox"/> |       |            | 5.56  |       | P    | 91.6  |
| 8 | <input type="checkbox"/> |       |            | 14.44 |       | P    | 35.3  |
| 9 | <input type="checkbox"/> |       |            | 8.89  |       | P    | 57.3  |

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 166.67     | 0.0000 | P    | 16.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.995      | 9134.24    | 0.0017 | P    | 1.0  |
| 4 | <input type="checkbox"/> | 50.000   | 51.463     | 457508.94  | 0.0851 | P    | 4.2  |
| 5 | <input type="checkbox"/> | 125.000  | 127.675    | 1182753.94 | 0.2111 | P    | 0.9  |
| 6 | <input type="checkbox"/> | 250.000  | 262.342    | 2481144.81 | 0.4337 | A    | 1.4  |
| 7 | <input type="checkbox"/> | 500.000  | 504.410    | 4835919.12 | 0.8339 | A    | 2.0  |
| 8 | <input type="checkbox"/> | 1000.000 | 994.302    | 9570653.08 | 1.6438 | A    | 2.1  |
| 9 | <input type="checkbox"/> |          |            | 4745.58    | 0.0009 | P    | 5.3  |

$$y = 0.0017 * x + 3.0452E-005$$

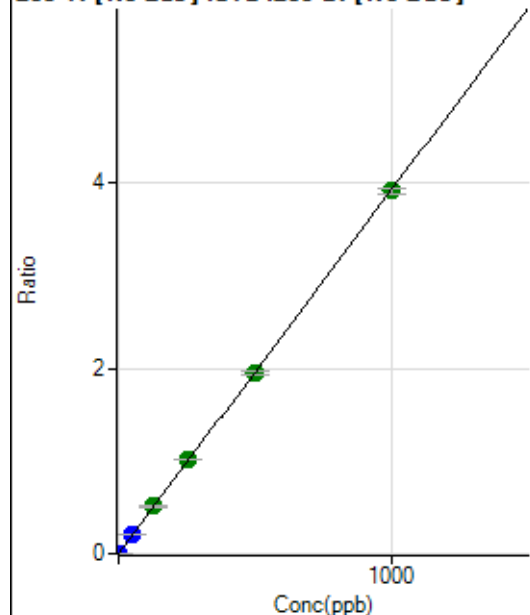
$$R = 0.9999$$

$$DL = 0.009351$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 366.69      | 0.0001 | P    | 15.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.991      | 21577.46    | 0.0040 | P    | 0.6  |
| 4 | <input type="checkbox"/> | 50.000   | 51.800     | 1093992.95  | 0.2035 | P    | 3.6  |
| 5 | <input type="checkbox"/> | 125.000  | 130.106    | 2862902.58  | 0.5110 | A    | 1.2  |
| 6 | <input type="checkbox"/> | 250.000  | 259.940    | 5839690.84  | 1.0209 | A    | 1.3  |
| 7 | <input type="checkbox"/> | 500.000  | 499.084    | 11365661.88 | 1.9600 | A    | 2.2  |
| 8 | <input type="checkbox"/> | 1000.000 | 997.245    | 22802376.03 | 3.9163 | A    | 1.9  |
| 9 | <input type="checkbox"/> |          |            | 11553.06    | 0.0022 | P    | 5.3  |

$$y = 0.0039 * x + 6.6986E-005$$

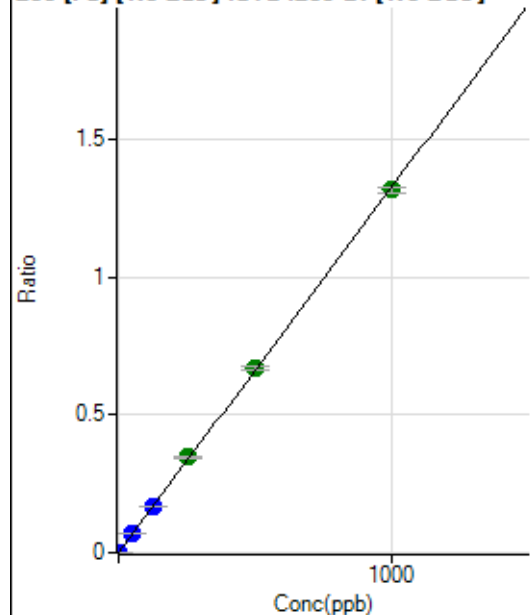
$$R = 0.9999$$

$$DL = 0.00787$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 283.35     | 0.0001 | P    | 2.9 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 1.021      | 7669.21    | 0.0014 | P    | 0.6 |
| 4 | <input type="checkbox"/> | 50.000   | 51.683     | 369030.22  | 0.0686 | P    | 3.6 |
| 5 | <input type="checkbox"/> | 125.000  | 128.133    | 953014.23  | 0.1701 | P    | 0.4 |
| 6 | <input type="checkbox"/> | 250.000  | 261.136    | 1982819.21 | 0.3466 | A    | 0.8 |
| 7 | <input type="checkbox"/> | 500.000  | 506.983    | 3901872.34 | 0.6729 | A    | 2.2 |
| 8 | <input type="checkbox"/> | 1000.000 | 993.249    | 7675276.45 | 1.3182 | A    | 1.7 |
| 9 | <input type="checkbox"/> |          |            | 7728.52    | 0.0015 | P    | 2.8 |

$$y = 0.0013 * x + 5.1784E-005$$

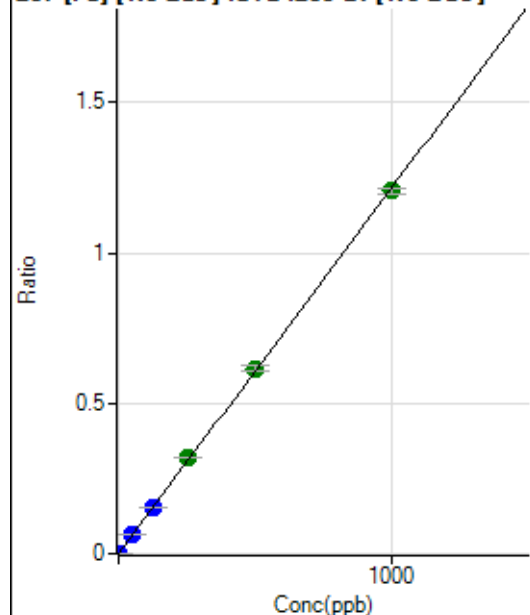
$$R = 0.9999$$

$$DL = 0.003442$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 268.53     | 0.0000 | P   | 28.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.025      | 7057.75    | 0.0013 | P   | 0.4  |
| 4 | <input type="checkbox"/> | 50.000   | 51.060     | 333884.78  | 0.0621 | P   | 3.7  |
| 5 | <input type="checkbox"/> | 125.000  | 127.019    | 865164.27  | 0.1544 | P   | 0.3  |
| 6 | <input type="checkbox"/> | 250.000  | 262.975    | 1828594.04 | 0.3197 | A   | 0.4  |
| 7 | <input type="checkbox"/> | 500.000  | 507.013    | 3573194.44 | 0.6162 | A   | 2.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 992.945    | 7026594.54 | 1.2068 | A   | 1.7  |
| 9 | <input type="checkbox"/> |          |            | 7059.60    | 0.0013 | P   | 3.7  |

$$y = 0.0012 * x + 4.9096E-005$$

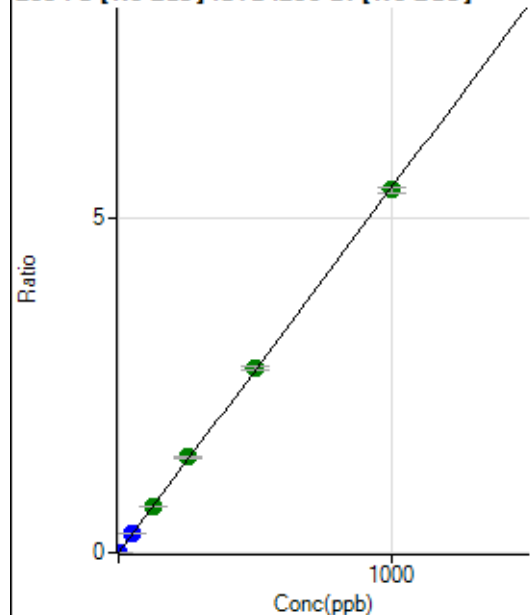
$$R = 0.9999$$

$$DL = 0.03441$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|-------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1100.06     | 0.0002 | P   | 6.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |     |     |
| 3 | <input type="checkbox"/> | 1.000    | 1.035      | 31853.79    | 0.0058 | P   | 0.6 |
| 4 | <input type="checkbox"/> | 50.000   | 51.417     | 1508291.73  | 0.2806 | P   | 4.0 |
| 5 | <input type="checkbox"/> | 125.000  | 128.519    | 3927427.31  | 0.7010 | A   | 0.8 |
| 6 | <input type="checkbox"/> | 250.000  | 261.768    | 8166457.94  | 1.4276 | A   | 0.9 |
| 7 | <input type="checkbox"/> | 500.000  | 505.010    | 15969292.72 | 2.7540 | A   | 2.3 |
| 8 | <input type="checkbox"/> | 1000.000 | 994.042    | 31561251.58 | 5.4206 | A   | 1.7 |
| 9 | <input type="checkbox"/> |          |            | 31660.93    | 0.0060 | P   | 3.4 |

$$y = 0.0055 * x + 2.0097E-004$$

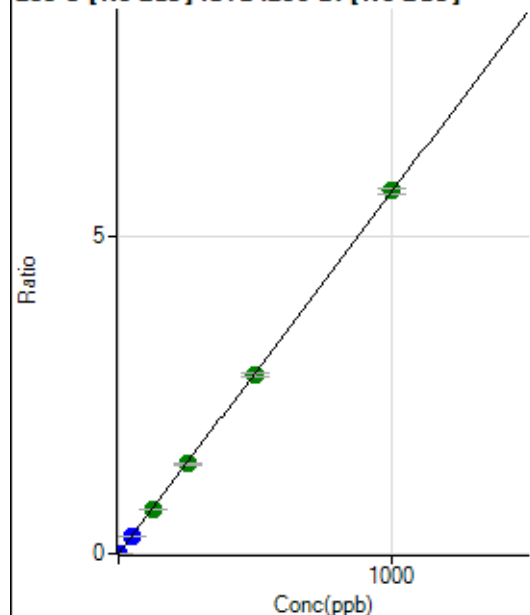
$$R = 0.9999$$

$$DL = 0.006973$$

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        | 15.7 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.969      | 30129.05    | 0.0055 | P        | 2.3  |
| 4 | <input type="checkbox"/> | 50.000   | 48.969     | 1497751.31  | 0.2786 | P        | 3.9  |
| 5 | <input type="checkbox"/> | 125.000  | 123.746    | 3944342.10  | 0.7040 | A        | 1.2  |
| 6 | <input type="checkbox"/> | 250.000  | 247.453    | 8053302.61  | 1.4078 | A        | 1.4  |
| 7 | <input type="checkbox"/> | 500.000  | 494.854    | 16327187.00 | 2.8154 | A        | 1.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 1003.418   | 33237841.71 | 5.7087 | A        | 1.9  |
| 9 | <input type="checkbox"/> |          |            | 6624.29     | 0.0012 | P        | 3.6  |

$$y = 0.0057 * x + 1.8307E-005$$

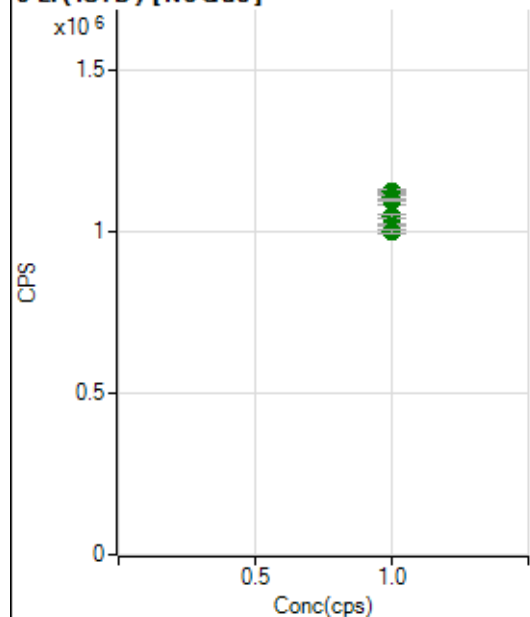
$$R = 1.0000$$

$$DL = 0.001514$$

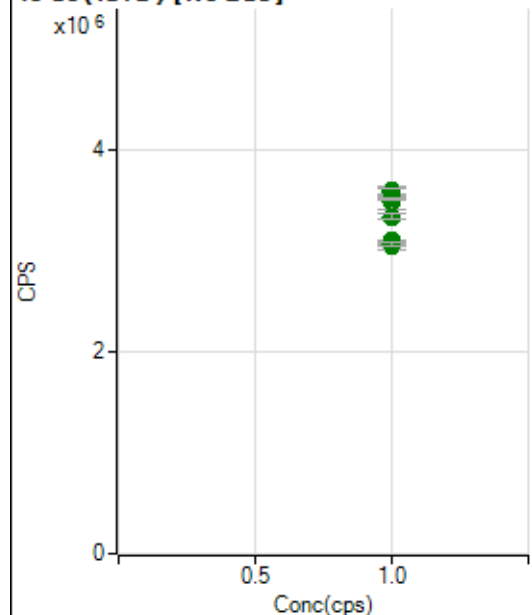
Weight: &lt;None&gt;

Min Conc: 0

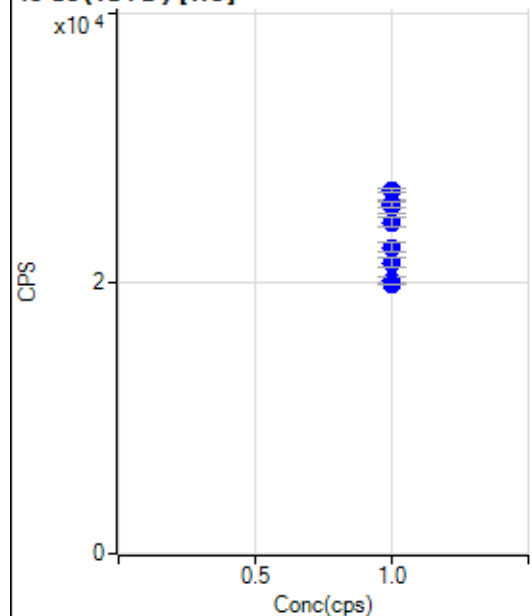
6 Li (ISTD) [No Gas]



|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1119957.38 |       | A        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1122597.20 |       | A        | 1.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1104868.33 |       | A        | 4.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1107251.17 |       | A        | 1.0 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1097244.32 |       | A        | 0.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1048350.98 |       | A        | 1.0 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1019584.27 |       | A        | 0.8 |
| 9 | <input type="checkbox"/> | 1.000 |            | 998473.33  |       | A        | 1.4 |

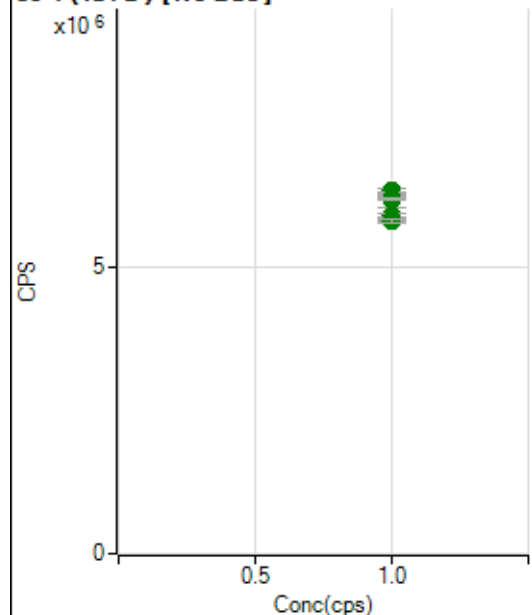
**45 Sc (ISTD) [No Gas]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 3591439.62 |       | A        | 2.1 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 3583544.18 |       | A        | 1.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 3477544.70 |       | A        | 4.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 3516382.06 |       | A        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 3339972.80 |       | A        | 1.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 3096089.92 |       | A        | 1.0 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3041365.80 |       | A        | 1.7 |
| 9 | <input type="checkbox"/> | 1.000 |            | 3069033.62 |       | A        | 1.3 |

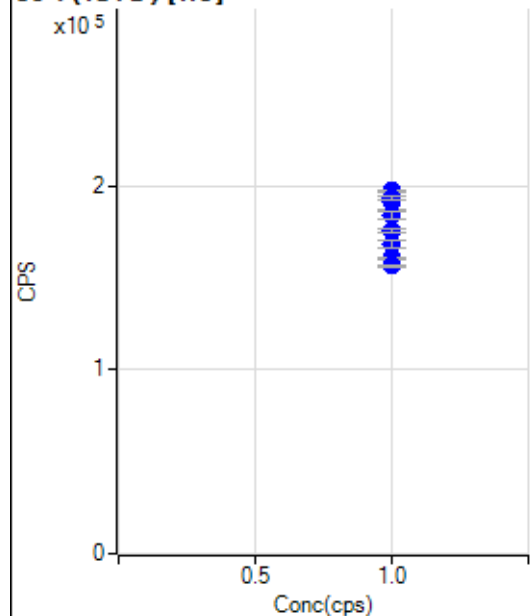
**45 Sc (ISTD) [He]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS      | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 25707.13 |       | P        | 3.6 |
| 2 | <input type="checkbox"/> | 1.000 |            |          |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 26848.08 |       | P        | 0.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 25879.63 |       | P        | 1.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 24506.04 |       | P        | 2.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 22694.13 |       | P        | 2.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 20235.90 |       | P        | 1.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 19926.56 |       | P        | 0.3 |
| 9 | <input type="checkbox"/> | 1.000 |            | 21534.51 |       | P        | 3.5 |

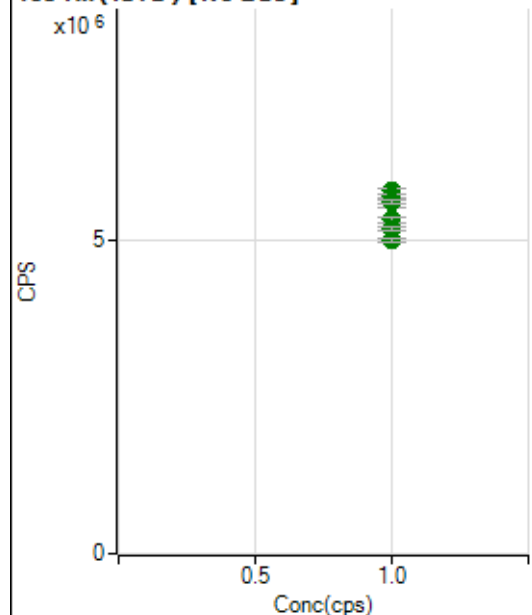


**89 Y (ISTD) [No Gas]**

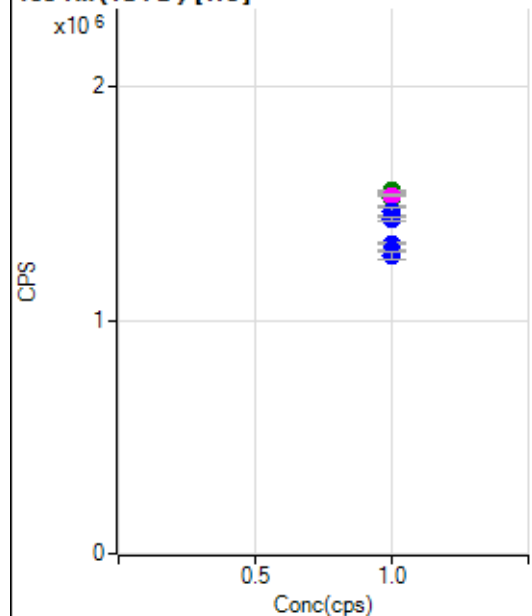
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6284921.16 |       | A        | 1.0 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 6333081.57 |       | A        | 1.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6177472.48 |       | A        | 4.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6297006.92 |       | A        | 0.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6199124.28 |       | A        | 0.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 5912436.30 |       | A        | 1.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5829881.65 |       | A        | 1.3 |
| 9 | <input type="checkbox"/> | 1.000 |            | 5800169.92 |       | A        | 1.4 |

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

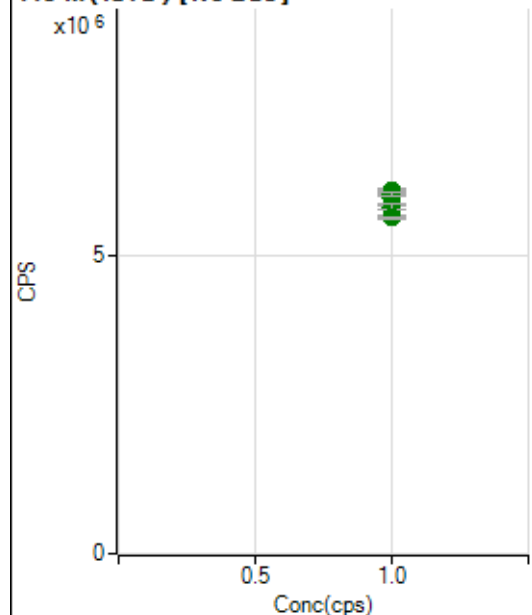
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 191061.50 |       | P        | 3.7 |
| 2 | <input type="checkbox"/> | 1.000 |            |           |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 197221.01 |       | P        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 193614.01 |       | P        | 0.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 183871.17 |       | P        | 1.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 175765.04 |       | P        | 0.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 160756.12 |       | P        | 0.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 156416.13 |       | P        | 0.8 |
| 9 | <input type="checkbox"/> | 1.000 |            | 168585.35 |       | P        | 2.5 |

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

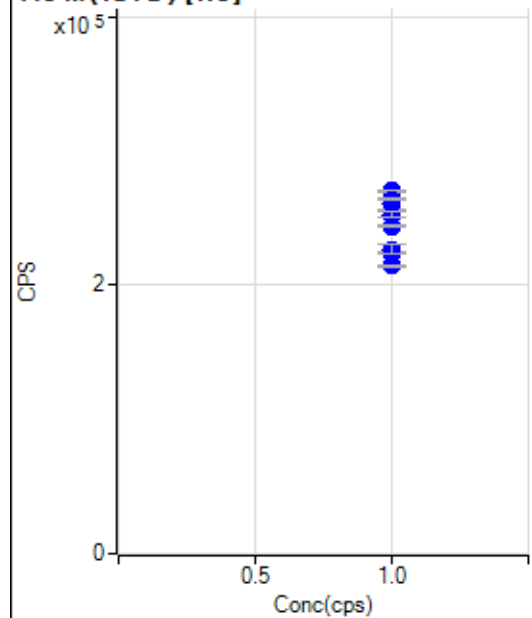
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 5798979.38 |       | A        | 1.2 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 5798786.29 |       | A        | 1.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 5647082.50 |       | A        | 3.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 5728434.94 |       | A        | 0.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 5617729.25 |       | A        | 0.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 5334374.64 |       | A        | 1.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5197906.97 |       | A        | 1.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 5012122.33 |       | A        | 1.3 |

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

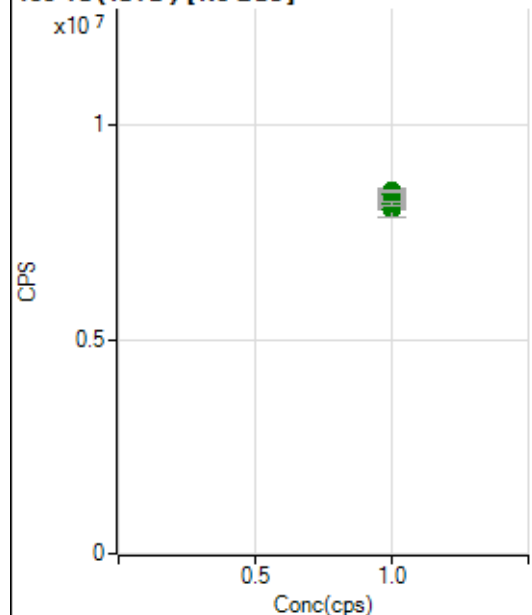
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1525231.19 |       | A        | 4.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1554437.18 |       | A        | 0.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1535724.78 |       | M        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1464735.64 |       | P        | 2.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1432975.00 |       | P        | 1.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1327546.77 |       | P        | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1299175.91 |       | P        | 0.9 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1276555.23 |       | P        | 2.9 |

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

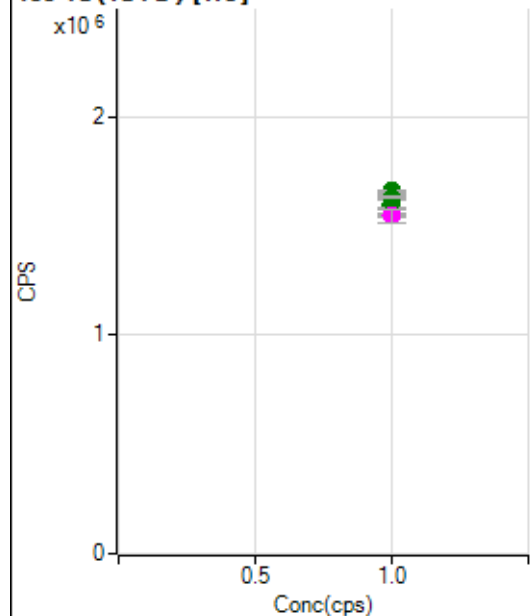
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6070334.29 |       | A        | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 6094890.83 |       | A        | 1.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 5984576.91 |       | A        | 3.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6103400.15 |       | A        | 0.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6038699.68 |       | A        | 1.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 5831066.75 |       | A        | 1.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5659991.90 |       | A        | 1.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 5645154.48 |       | A        | 0.6 |

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

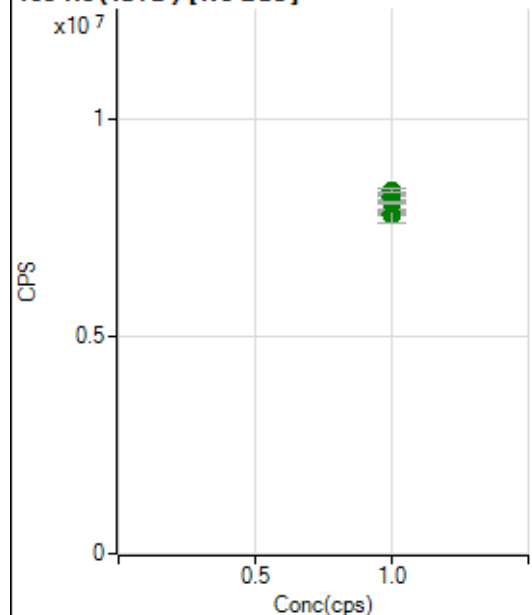
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 260553.71 |       | P        | 3.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |           |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 270392.57 |       | P        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 264260.01 |       | P        | 0.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 252725.96 |       | P        | 2.0 |
| 6 | <input type="checkbox"/> | 1.000 |            | 243923.56 |       | P        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 224067.39 |       | P        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 214374.73 |       | P        | 0.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 227028.22 |       | P        | 2.9 |

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

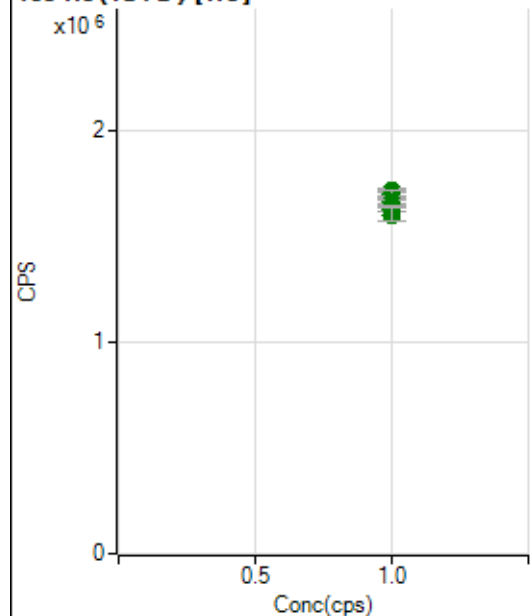
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 8087515.78 |       | A        | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 8098453.56 |       | A        | 1.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 8044295.02 |       | A        | 4.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 8290682.65 |       | A        | 0.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 8463998.69 |       | A        | 1.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 8386321.82 |       | A        | 1.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 8440405.22 |       | A        | 0.6 |
| 9 | <input type="checkbox"/> | 1.000 |            | 8167660.50 |       | A        | 0.8 |

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

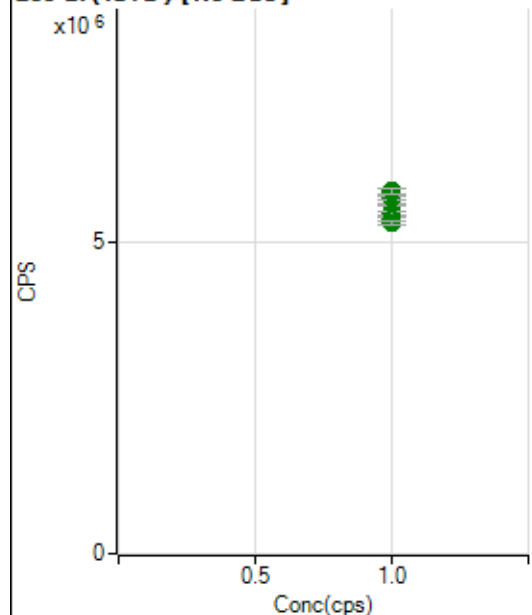
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1596373.26 |       | A        | 4.7 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1652767.20 |       | A        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1659826.38 |       | A        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1599840.85 |       | A        | 2.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1631130.91 |       | A        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1553391.54 |       | A        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1548640.52 |       | A        | 0.7 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1544101.18 |       | M        | 4.2 |

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

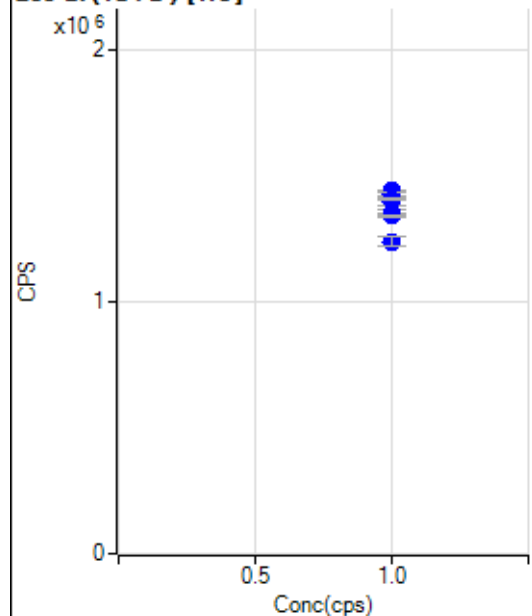
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 7817805.38 |       | A        | 0.8 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 7831456.34 |       | A        | 1.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 7766128.99 |       | A        | 4.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 8055619.89 |       | A        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 8181253.05 |       | A        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 8211552.09 |       | A        | 1.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 8342206.87 |       | A        | 0.9 |
| 9 | <input type="checkbox"/> | 1.000 |            | 8054674.66 |       | A        | 0.6 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1652458.03 |       | A        | 4.2 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1712909.00 |       | A        | 0.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1701082.37 |       | A        | 1.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1664292.04 |       | A        | 1.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1659381.16 |       | A        | 0.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1624545.74 |       | A        | 1.0 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1639827.27 |       | A        | 0.3 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1601134.85 |       | A        | 3.7 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 5470813.32 |       | A        | 1.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 5450637.56 |       | A        | 1.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 5380912.32 |       | A        | 3.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 5602740.19 |       | A        | 0.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 5720783.53 |       | A        | 1.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 5800478.94 |       | A        | 2.0 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5823652.20 |       | A        | 1.8 |
| 9 | <input type="checkbox"/> | 1.000 |            | 5305291.83 |       | A        | 1.0 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1390927.66 |       | P        | 4.1 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1437563.17 |       | P        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1424056.00 |       | P        | 1.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1399292.09 |       | P        | 2.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1404769.91 |       | P        | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1348324.79 |       | P        | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1340691.65 |       | P        | 0.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1237721.98 |       | P        | 3.3 |

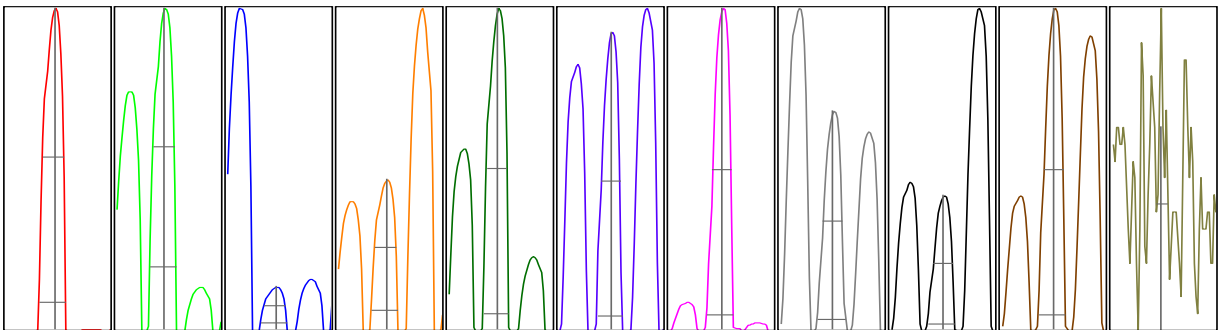
US EPA Tune Check Sample Report

Batch Folder D:\P8101118-MS.b  
Report Comment  
Instrument Name G8403A JP17141814

| [No Gas] |                 |                  |                    |                |
|----------|-----------------|------------------|--------------------|----------------|
| Mass     | Count<br>(Mean) | RSD%<br>(Actual) | RSD%<br>(Required) | RSD%<br>(Flag) |
| 9        | 6557            | 0.59             | 5.00               |                |
| 24       | 63856           | 0.56             | 5.00               |                |
| 25       | 8840            | 0.43             | 5.00               |                |
| 26       | 10618           | 0.72             | 5.00               |                |
| 59       | 70507           | 0.65             | 5.00               |                |
| 113      | 10169           | 0.41             | 5.00               |                |
| 115      | 127124          | 0.77             | 5.00               |                |
| 206      | 30934           | 0.96             | 5.00               |                |
| 207      | 28334           | 1.22             | 5.00               |                |
| 208      | 67788           | 0.91             | 5.00               |                |
| 220      | 1               | 22.22            |                    |                |

| Mass | Replicate 1<br>Count | Replicate 2<br>Count | Replicate 3<br>Count | Replicate 4<br>Count | Replicate 5<br>Count |
|------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 9    | 6568                 | 6507                 | 6569                 | 6532                 | 6608                 |
| 24   | 64024                | 63223                | 64096                | 63934                | 64002                |
| 25   | 8865                 | 8776                 | 8869                 | 8847                 | 8844                 |
| 26   | 10681                | 10490                | 10673                | 10620                | 10625                |
| 59   | 70779                | 69715                | 70623                | 70573                | 70842                |
| 113  | 10166                | 10112                | 10217                | 10202                | 10150                |
| 115  | 127791               | 127007               | 128255               | 126883               | 125684               |
| 206  | 30714                | 30655                | 30954                | 30943                | 31406                |
| 207  | 28047                | 27916                | 28473                | 28484                | 28753                |
| 208  | 67396                | 66964                | 68081                | 67938                | 68560                |
| 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    | 11372          | 8.95             | 8.9 - 9.1          |                | 0.763                | 0.900                  |                        |
| 24   | 109692         | 23.90            | 23.9 - 24.1        |                | 0.743                | 0.900                  |                        |
| 25   | 14883          | 24.95            | 24.9 - 25.1        |                | 0.746                | 0.900                  |                        |
| 26   | 17375          | 25.95            | 25.9 - 26.1        |                | 0.753                | 0.900                  |                        |
| 59   | 126238         | 58.95            | 58.9 - 59.1        |                | 0.734                | 0.900                  |                        |
| 113  | 19448          | 113.05           | 112.9 - 113.1      |                | 0.732                | 0.900                  |                        |
| 115  | 239436         | 115.05           | 114.9 - 115.1      |                | 0.761                | 0.900                  |                        |
| 206  | 57137          | 206.05           | 205.9 - 206.1      |                | 0.801                | 0.900                  |                        |
| 207  | 51913          | 207.05           | 206.9 - 207.1      |                | 0.784                | 0.900                  |                        |
| 208  | 123785         | 208.05           | 207.9 - 208.1      |                | 0.778                | 0.900                  |                        |
| 220  | 1              | 219.95           | -                  |                |                      |                        |                        |

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    | 10.9  | V    | Deflect       | 14.2  | V    |
| Extract 2     | -240.0 | V    | Cell Entrance | -30   | V    | Plate Bias    | -35   | V    |
| Omega Bias    | -100   | 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   | 8563            | 2.02             |                    |
| 89   | 2596            | 2.08             |                    |
| 205  | 14633           | 1.85             |                    |

| Mass | Replicate 1<br>Count | Replicate 2<br>Count | Replicate 3<br>Count | Replicate 4<br>Count | Replicate 5<br>Count |
|------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 59   | 8655                 | 8592                 | 8259                 | 8632                 | 8678                 |
| 89   | 2620                 | 2603                 | 2504                 | 2605                 | 2646                 |
| 205  | 14768                | 14638                | 14165                | 14760                | 14835                |

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    | 10.9  | V    | Deflect       | 2.2   | V    |
| Extract 2     | -240.0 | V    | Cell Entrance | -40   | V    | Plate Bias    | -60   | V    |
| Omega Bias    | -100   | 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 : LB98566 Operator : Jaswal  
 Lab Sample ID : S0 Instrumnet Name : P8  
 Client Sample ID : S0 Dilution Factor : 1  
 Date & Time Acquired :: 2018-10-11 12:15:40 DataFile Name : 003CALB.d

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|----------|------------|---------|-------|
| Aluminium  | 27-2  | -0.40    | 0.22    | 0.18     | 0.00       | N/A     | ppb   |
| Antimony   | 121-1 | 0.00     | -0.01   | 0.01     | 0.00       | N/A     | ppb   |
| Arsenic    | 75-2  | -0.01    | -0.01   | 0.02     | 0.00       | N/A     | ppb   |
| Barium     | 135-1 | -0.01    | 0.02    | -0.01    | 0.00       | N/A     | ppb   |
| Barium     | 137-1 | 0.00     | 0.00    | 0.00     | 0.00       | N/A     | ppb   |
| Beryllium  | 9-1   | 0.04     | -0.02   | -0.02    | 0.00       | N/A     | ppb   |
| Bismuth    | 209-1 |          |         |          | 100        |         | %     |
| Bismuth    | 209-2 |          |         |          | 100        |         | %     |
| Boron      | 11-1  | 0.11     | -0.01   | -0.10    | 0.00       | N/A     | ppb   |
| Boron      | 10-1  | -0.22    | 0.11    | 0.12     | 0.00       | N/A     | ppb   |
| Cadmium    | 106-1 | 0.28     | -0.72   | 0.44     | 0.00       | N/A     | ppb   |
| Cadmium    | 108-1 | 0.02     | -0.04   | 0.02     | 0.00       | N/A     | ppb   |
| Cadmium    | 111-1 | 0.02     | -0.05   | 0.03     | 0.00       | N/A     | ppb   |
| Calcium    | 43-1  | -2.63    | -2.45   | 5.09     | 0.00       | N/A     | ppb   |
| Calcium    | 44-1  | -0.63    | -0.85   | 1.48     | 0.00       | N/A     | ppb   |
| Chromium   | 52-2  | -0.02    | 0.01    | 0.01     | 0.00       | N/A     | ppb   |
| Cobalt     | 59-2  | 0.01     | 0.00    | -0.01    | 0.00       | N/A     | ppb   |
| Copper     | 63-2  | 0.00     | 0.00    | 0.00     | 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  | 0.15     | -0.09   | -0.06    | 0.00       | N/A     | ppb   |
| Iron       | 57-2  | 0.18     | -0.24   | 0.06     | 0.00       | N/A     | ppb   |
| Krypton    | 83-1  | -4569.21 | 5979.23 | -1410.02 | 0.00       | N/A     | ppb   |
| Lead       | 207-1 | -0.01    | 0.00    | 0.01     | 0.00       | N/A     | ppb   |
| Lead       | 208-1 | 0.00     | 0.00    | 0.00     | 0.00       | N/A     | ppb   |
| Lead       | 206-1 | 0.00     | 0.00    | 0.00     | 0.00       | N/A     | ppb   |
| Lithium    | 6-1   |          |         |          | 100        |         | %     |
| Magnesium  | 24-2  | -0.04    | -0.88   | 0.91     | 0.00       | N/A     | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 12:15:40 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD   | Units |
|------------|-------|---------|---------|---------|------------|-----------|-------|
| Manganese  | 55-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A       | ppb   |
| Molybdenum | 94-1  | -0.01   | 0.01    | 0.00    | 0.00       | N/A       | ppb   |
| Molybdenum | 95-1  | 0.01    | 0.00    | -0.01   | 0.00       | N/A       | ppb   |
| Molybdenum | 96-1  | -0.01   | 0.00    | 0.01    | 0.00       | N/A       | ppb   |
| Molybdenum | 97-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A       | ppb   |
| Molybdenum | 98-1  | -0.01   | 0.01    | 0.00    | 0.00       | N/A       | ppb   |
| Neodymium  | 150-1 |         |         |         |            |           | cps   |
| Neodymium  | 150-2 |         |         |         |            |           | cps   |
| Nickel     | 60-2  | 0.08    | -0.08   | 0.00    | 0.00       | N/A       | ppb   |
| Phosphorus | 31-2  | -6.08   | -6.08   | 12.17   | 0.01       | 137693.76 | ppb   |
| Potassium  | 39-2  | 18.61   | -10.45  | -8.16   | 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  | -0.23   | 0.47    | -0.23   | 0.00       | N/A       | ppb   |
| Selenium   | 82-1  | 0.23    | -0.09   | -0.13   | 0.00       | N/A       | ppb   |
| Silicon    | 28-1  | 0.71    | -1.45   | 0.74    | 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    | -0.01   | 0.00       | N/A       | ppb   |
| Sodium     | 23-2  | 1.71    | -0.53   | -1.18   | 0.00       | N/A       | ppb   |
| Strontium  | 86-1  | -0.01   | -0.04   | 0.06    | 0.00       | N/A       | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A       | ppb   |
| Sulfur     | 34-1  | 34.34   | -442.48 | 12.88   | -131.75    |           | 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 | 0.00    | -0.01   | 0.01    | 0.00       | N/A       | ppb   |
| Titanium   | 47-1  | -0.02   | 0.02    | 0.00    | 0.00       | N/A       | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A       | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A       | ppb   |
| Yttrium    | 89-1  |         |         |         | 100        |           | %     |
| Yttrium    | 89-2  |         |         |         | 100        |           | %     |
| Zinc       | 66-2  | 0.04    | 0.06    | -0.10   | 0.00       | N/A       | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 12:15:40 | 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 | 0.01    | 0.00    | -0.01   | 0.00       | N/A     | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S2                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 12:22:26 | DataFile Name :   | 005CALS.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 19.55    | 22.88    | 19.52    | 20.65      | 9.33    | ppb   |
| Antimony   | 121-1 | 2.14     | 2.18     | 2.04     | 2.12       | 3.47    | ppb   |
| Arsenic    | 75-2  | 0.82     | 1.00     | 1.09     | 0.97       | 14.43   | ppb   |
| Barium     | 135-1 | 10.65    | 10.11    | 10.69    | 10.48      | 3.08    | ppb   |
| Barium     | 137-1 | 10.91    | 10.44    | 10.77    | 10.70      | 2.22    | ppb   |
| Beryllium  | 9-1   | 1.11     | 1.15     | 1.02     | 1.09       | 6.33    | ppb   |
| Bismuth    | 209-1 |          |          |          | 100        |         | %     |
| Bismuth    | 209-2 |          |          |          | 103        |         | %     |
| Boron      | 11-1  | 26.82    | 27.03    | 27.53    | 27.12      | 1.35    | ppb   |
| Boron      | 10-1  | 24.93    | 25.86    | 27.24    | 26.01      | 4.47    | ppb   |
| Cadmium    | 106-1 | 0.58     | 1.82     | 1.25     | 1.22       | 51.08   | ppb   |
| Cadmium    | 108-1 | 0.79     | 1.22     | 0.96     | 0.99       | 21.91   | ppb   |
| Cadmium    | 111-1 | 1.06     | 1.11     | 1.10     | 1.09       | 2.43    | ppb   |
| Calcium    | 43-1  | 511.63   | 479.45   | 485.98   | 492.35     | 3.46    | ppb   |
| Calcium    | 44-1  | 504.10   | 479.68   | 492.89   | 492.22     | 2.48    | ppb   |
| Chromium   | 52-2  | 1.93     | 2.19     | 1.97     | 2.03       | 6.99    | ppb   |
| Cobalt     | 59-2  | 0.99     | 0.95     | 0.95     | 0.96       | 2.45    | ppb   |
| Copper     | 63-2  | 1.99     | 1.96     | 1.93     | 1.96       | 1.52    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 100        |         | %     |
| Holmium    | 165-2 |          |          |          | 104        |         | %     |
| Indium     | 115-1 |          |          |          | 100        |         | %     |
| Indium     | 115-2 |          |          |          | 104        |         | %     |
| Iron       | 56-2  | 49.76    | 50.00    | 49.48    | 49.75      | 0.52    | ppb   |
| Iron       | 57-2  | 53.36    | 48.54    | 42.51    | 48.13      | 11.29   | ppb   |
| Krypton    | 83-1  | -6612.54 | -8491.06 | 10694.44 | -1469.72   |         | ppb   |
| Lead       | 207-1 | 1.03     | 1.02     | 1.02     | 1.03       | 0.44    | ppb   |
| Lead       | 208-1 | 1.04     | 1.03     | 1.04     | 1.03       | 0.60    | ppb   |
| Lead       | 206-1 | 1.03     | 1.02     | 1.02     | 1.02       | 0.58    | ppb   |
| Lithium    | 6-1   |          |          |          | 100        |         | %     |
| Magnesium  | 24-2  | 492.03   | 495.48   | 491.65   | 493.05     | 0.43    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB98566             | Operator :        | Jaswal     |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S2                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-10-11 12:22:26 | DataFile Name :   | 005CAL.S.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.84    | 0.94    | 0.83    | 0.87       | 7.10    | ppb   |
| Molybdenum | 94-1  | 4.77    | 4.98    | 4.82    | 4.86       | 2.22    | ppb   |
| Molybdenum | 95-1  | 5.03    | 4.92    | 4.95    | 4.97       | 1.17    | ppb   |
| Molybdenum | 96-1  | 4.94    | 4.98    | 5.10    | 5.01       | 1.65    | ppb   |
| Molybdenum | 97-1  | 5.04    | 4.83    | 5.01    | 4.96       | 2.21    | ppb   |
| Molybdenum | 98-1  | 5.09    | 5.02    | 4.86    | 4.99       | 2.42    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.90    | 0.98    | 0.88    | 0.92       | 5.44    | ppb   |
| Phosphorus | 31-2  | -6.08   | 12.13   | -6.08   | -0.01      |         | ppb   |
| Potassium  | 39-2  | 495.06  | 514.03  | 489.93  | 499.67     | 2.54    | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Rhodium    | 103-2 |         |         |         | 102        |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 104        |         | %     |
| Selenium   | 77-2  | 4.08    | 0.00    | 4.05    | 2.71       | 86.60   | ppb   |
| Selenium   | 78-2  | 2.53    | 5.33    | 6.63    | 4.83       | 43.33   | ppb   |
| Selenium   | 82-1  | 5.83    | 5.80    | 5.12    | 5.58       | 7.18    | ppb   |
| Silicon    | 28-1  | 17.52   | 16.33   | 17.54   | 17.13      | 4.05    | ppb   |
| Silver     | 109-1 | 1.17    | 1.22    | 1.11    | 1.17       | 4.96    | ppb   |
| Silver     | 107-1 | 1.20    | 1.09    | 1.13    | 1.14       | 5.13    | ppb   |
| Sodium     | 23-2  | 484.42  | 501.31  | 484.08  | 489.94     | 2.01    | ppb   |
| Strontium  | 86-1  | 1.02    | 1.08    | 1.02    | 1.04       | 3.28    | ppb   |
| Strontium  | 88-1  | 1.06    | 1.04    | 1.04    | 1.04       | 0.94    | ppb   |
| Sulfur     | 34-1  | 261.93  | -30.80  | 164.13  | 131.75     | 113.11  | ppb   |
| Terbium    | 159-1 |         |         |         | 100        |         | %     |
| Terbium    | 159-2 |         |         |         | 104        |         | %     |
| Thallium   | 203-1 | 1.01    | 1.00    | 0.99    | 1.00       | 1.02    | ppb   |
| Thallium   | 205-1 | 1.00    | 0.99    | 0.98    | 0.99       | 0.60    | ppb   |
| Tin        | 118-1 | 5.44    | 5.50    | 5.42    | 5.45       | 0.76    | ppb   |
| Titanium   | 47-1  | 5.19    | 5.34    | 5.23    | 5.25       | 1.48    | ppb   |
| Uranium    | 238-1 | 0.99    | 0.94    | 0.98    | 0.97       | 2.29    | ppb   |
| Vanadium   | 51-2  | 4.98    | 4.77    | 4.92    | 4.89       | 2.27    | ppb   |
| Yttrium    | 89-1  |         |         |         | 101        |         | %     |
| Yttrium    | 89-2  |         |         |         | 103        |         | %     |
| Zinc       | 66-2  | 2.00    | 1.98    | 2.34    | 2.10       | 9.60    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S2                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 12:22:26 | DataFile Name :   | 005CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.94    | 0.90    | 0.93    | 0.92       | 2.59    | ppb   |
| Zirconium | 91-1 | 0.91    | 0.92    | 0.86    | 0.90       | 3.65    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB98566             | Operator :        | Jaswal     |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S3                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-10-11 12:26:45 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 969.34  | 918.84   | 928.56   | 938.91     | 2.85    | ppb   |
| Antimony   | 121-1 | 52.26   | 55.92    | 52.51    | 53.56      | 3.82    | ppb   |
| Arsenic    | 75-2  | 49.04   | 49.18    | 48.72    | 48.98      | 0.48    | ppb   |
| Barium     | 135-1 | 267.44  | 287.15   | 265.17   | 273.25     | 4.43    | ppb   |
| Barium     | 137-1 | 268.40  | 286.81   | 264.91   | 273.37     | 4.30    | ppb   |
| Beryllium  | 9-1   | 54.55   | 58.55    | 53.83    | 55.65      | 4.57    | ppb   |
| Bismuth    | 209-1 |         |          |          | 98         |         | %     |
| Bismuth    | 209-2 |         |          |          | 102        |         | %     |
| Boron      | 11-1  | 49.19   | 56.46    | 52.42    | 52.69      | 6.92    | ppb   |
| Boron      | 10-1  | 51.74   | 57.91    | 51.96    | 53.87      | 6.50    | ppb   |
| Cadmium    | 106-1 | 55.75   | 60.97    | 57.71    | 58.14      | 4.53    | ppb   |
| Cadmium    | 108-1 | 54.54   | 60.96    | 53.44    | 56.32      | 7.21    | ppb   |
| Cadmium    | 111-1 | 54.22   | 58.67    | 54.05    | 55.65      | 4.71    | ppb   |
| Calcium    | 43-1  | 4983.93 | 5430.15  | 5197.00  | 5203.69    | 4.29    | ppb   |
| Calcium    | 44-1  | 5041.44 | 5496.51  | 5202.36  | 5246.77    | 4.40    | ppb   |
| Chromium   | 52-2  | 50.28   | 50.41    | 49.15    | 49.95      | 1.39    | ppb   |
| Cobalt     | 59-2  | 49.57   | 50.45    | 48.53    | 49.52      | 1.95    | ppb   |
| Copper     | 63-2  | 99.22   | 100.12   | 96.82    | 98.72      | 1.73    | ppb   |
| Dysprosium | 156-1 |         |          |          |            |         | cps   |
| Dysprosium | 156-2 |         |          |          |            |         | cps   |
| Erbium     | 164-1 |         |          |          |            |         | cps   |
| Erbium     | 164-2 |         |          |          |            |         | cps   |
| Gadolinium | 160-1 |         |          |          |            |         | cps   |
| Gadolinium | 160-2 |         |          |          |            |         | cps   |
| Holmium    | 165-1 |         |          |          | 99         |         | %     |
| Holmium    | 165-2 |         |          |          | 103        |         | %     |
| Indium     | 115-1 |         |          |          | 99         |         | %     |
| Indium     | 115-2 |         |          |          | 101        |         | %     |
| Iron       | 56-2  | 2524.08 | 2547.51  | 2438.91  | 2503.50    | 2.28    | ppb   |
| Iron       | 57-2  | 2503.60 | 2462.59  | 2404.76  | 2456.99    | 2.02    | ppb   |
| Krypton    | 83-1  | 161.65  | -8749.46 | -3682.93 | -4090.25   |         | ppb   |
| Lead       | 207-1 | 49.46   | 53.13    | 50.59    | 51.06      | 3.68    | ppb   |
| Lead       | 208-1 | 49.82   | 53.72    | 50.71    | 51.42      | 3.97    | ppb   |
| Lead       | 206-1 | 50.44   | 53.86    | 50.75    | 51.68      | 3.65    | ppb   |
| Lithium    | 6-1   |         |          |          | 99         |         | %     |
| Magnesium  | 24-2  | 5049.23 | 5050.89  | 4923.33  | 5007.82    | 1.46    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB98566             | Operator :        | Jaswal     |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S3                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-10-11 12:26:45 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 101.74  | 101.60  | 100.38  | 101.24     | 0.74    | ppb   |
| Molybdenum | 94-1  | 249.35  | 273.07  | 251.82  | 258.08     | 5.05    | ppb   |
| Molybdenum | 95-1  | 251.15  | 273.51  | 251.15  | 258.60     | 4.99    | ppb   |
| Molybdenum | 96-1  | 250.57  | 272.12  | 248.47  | 257.05     | 5.09    | ppb   |
| Molybdenum | 97-1  | 249.77  | 271.66  | 249.89  | 257.11     | 4.90    | ppb   |
| Molybdenum | 98-1  | 250.71  | 273.28  | 250.86  | 258.28     | 5.03    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 50.22   | 50.78   | 49.40   | 50.14      | 1.39    | ppb   |
| Phosphorus | 31-2  | 1027.49 | 1073.77 | 1077.66 | 1059.64    | 2.63    | ppb   |
| Potassium  | 39-2  | 2568.33 | 2581.16 | 2441.58 | 2530.36    | 3.05    | ppb   |
| Rhodium    | 103-1 |         |         |         | 97         |         | %     |
| Rhodium    | 103-2 |         |         |         | 101        |         | %     |
| Scandium   | 45-1  |         |         |         | 97         |         | %     |
| Scandium   | 45-2  |         |         |         | 101        |         | %     |
| Selenium   | 77-2  | 62.80   | 74.19   | 66.55   | 67.85      | 8.55    | ppb   |
| Selenium   | 78-2  | 55.79   | 44.45   | 64.58   | 54.94      | 18.37   | ppb   |
| Selenium   | 82-1  | 53.01   | 57.45   | 51.75   | 54.07      | 5.54    | ppb   |
| Silicon    | 28-1  | 57.51   | 67.62   | 61.17   | 62.10      | 8.24    | ppb   |
| Silver     | 109-1 | 56.22   | 60.66   | 55.42   | 57.43      | 4.91    | ppb   |
| Silver     | 107-1 | 56.21   | 60.73   | 55.29   | 57.41      | 5.07    | ppb   |
| Sodium     | 23-2  | 4913.20 | 4953.82 | 4790.09 | 4885.70    | 1.75    | ppb   |
| Strontium  | 86-1  | 50.84   | 53.73   | 50.06   | 51.55      | 3.76    | ppb   |
| Strontium  | 88-1  | 51.80   | 55.18   | 51.01   | 52.66      | 4.20    | ppb   |
| Sulfur     | 34-1  | 1016.03 | 2155.84 | 1264.24 | 1478.70    | 40.54   | ppb   |
| Terbium    | 159-1 |         |         |         | 99         |         | %     |
| Terbium    | 159-2 |         |         |         | 104        |         | %     |
| Thallium   | 203-1 | 50.13   | 53.94   | 50.32   | 51.46      | 4.17    | ppb   |
| Thallium   | 205-1 | 50.56   | 53.95   | 50.89   | 51.80      | 3.61    | ppb   |
| Tin        | 118-1 | 53.77   | 58.18   | 52.78   | 54.91      | 5.24    | ppb   |
| Titanium   | 47-1  | 250.37  | 276.00  | 259.87  | 262.08     | 4.94    | ppb   |
| Uranium    | 238-1 | 47.88   | 51.20   | 47.83   | 48.97      | 3.94    | ppb   |
| Vanadium   | 51-2  | 51.50   | 50.20   | 49.00   | 50.23      | 2.49    | ppb   |
| Yttrium    | 89-1  |         |         |         | 98         |         | %     |
| Yttrium    | 89-2  |         |         |         | 101        |         | %     |
| Zinc       | 66-2  | 98.64   | 101.15  | 97.67   | 99.15      | 1.81    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S3                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 12:26:45 | DataFile Name :   | 006CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 50.18   | 53.44   | 50.58   | 51.40      | 3.46    | ppb   |
| Zirconium | 91-1 | 48.86   | 53.08   | 50.81   | 50.92      | 4.15    | ppb   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB98566             | Operator :        | Jaswal     |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S4                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-10-11 12:30:30 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 2411.94  | 2499.02  | 2464.78  | 2458.58    | 1.78    | ppb   |
| Antimony   | 121-1 | 133.25   | 134.47   | 134.85   | 134.19     | 0.62    | ppb   |
| Arsenic    | 75-2  | 124.59   | 131.43   | 131.15   | 129.06     | 3.00    | ppb   |
| Barium     | 135-1 | 670.46   | 682.34   | 679.77   | 677.53     | 0.92    | ppb   |
| Barium     | 137-1 | 678.60   | 685.31   | 679.82   | 681.24     | 0.53    | ppb   |
| Beryllium  | 9-1   | 138.04   | 136.50   | 138.84   | 137.79     | 0.86    | ppb   |
| Bismuth    | 209-1 |          |          |          | 102        |         | %     |
| Bismuth    | 209-2 |          |          |          | 101        |         | %     |
| Boron      | 11-1  | 130.53   | 133.12   | 137.37   | 133.67     | 2.58    | ppb   |
| Boron      | 10-1  | 137.17   | 135.24   | 138.38   | 136.93     | 1.16    | ppb   |
| Cadmium    | 106-1 | 137.19   | 144.03   | 141.54   | 140.92     | 2.46    | ppb   |
| Cadmium    | 108-1 | 140.59   | 135.66   | 142.39   | 139.55     | 2.50    | ppb   |
| Cadmium    | 111-1 | 136.51   | 139.38   | 138.30   | 138.06     | 1.05    | ppb   |
| Calcium    | 43-1  | 12853.44 | 13010.86 | 12848.26 | 12904.18   | 0.72    | ppb   |
| Calcium    | 44-1  | 12801.69 | 12890.09 | 12789.62 | 12827.14   | 0.43    | ppb   |
| Chromium   | 52-2  | 127.13   | 134.94   | 130.17   | 130.75     | 3.01    | ppb   |
| Cobalt     | 59-2  | 126.02   | 132.15   | 128.25   | 128.81     | 2.41    | ppb   |
| Copper     | 63-2  | 250.54   | 264.00   | 254.48   | 256.34     | 2.70    | 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  | 6345.10  | 6687.31  | 6456.98  | 6496.46    | 2.69    | ppb   |
| Iron       | 57-2  | 6236.19  | 6491.95  | 6244.19  | 6324.11    | 2.30    | ppb   |
| Krypton    | 83-1  | 4568.39  | -1197.65 | 1066.17  | 1478.97    | 196.43  | ppb   |
| Lead       | 207-1 | 127.25   | 127.15   | 126.66   | 127.02     | 0.25    | ppb   |
| Lead       | 208-1 | 128.62   | 129.49   | 127.45   | 128.52     | 0.79    | ppb   |
| Lead       | 206-1 | 128.66   | 128.20   | 127.54   | 128.13     | 0.44    | ppb   |
| Lithium    | 6-1   |          |          |          | 99         |         | %     |
| Magnesium  | 24-2  | 12755.42 | 13390.33 | 12844.17 | 12996.64   | 2.65    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB98566             | Operator :        | Jaswal     |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S4                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-10-11 12:30:30 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 254.55   | 268.36   | 261.82   | 261.58     | 2.64    | ppb   |
| Molybdenum | 94-1  | 658.10   | 660.48   | 654.38   | 657.65     | 0.47    | ppb   |
| Molybdenum | 95-1  | 649.43   | 652.51   | 651.85   | 651.26     | 0.25    | ppb   |
| Molybdenum | 96-1  | 656.05   | 646.14   | 653.36   | 651.85     | 0.79    | ppb   |
| Molybdenum | 97-1  | 655.35   | 655.08   | 651.99   | 654.14     | 0.29    | ppb   |
| Molybdenum | 98-1  | 640.27   | 639.40   | 644.72   | 641.46     | 0.44    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 128.79   | 134.20   | 131.48   | 131.49     | 2.06    | ppb   |
| Phosphorus | 31-2  | 2587.77  | 2693.22  | 2404.78  | 2561.93    | 5.70    | ppb   |
| Potassium  | 39-2  | 6282.34  | 6601.16  | 6438.48  | 6440.66    | 2.48    | ppb   |
| Rhodium    | 103-1 |          |          |          | 99         |         | %     |
| Rhodium    | 103-2 |          |          |          | 96         |         | %     |
| Scandium   | 45-1  |          |          |          | 98         |         | %     |
| Scandium   | 45-2  |          |          |          | 95         |         | %     |
| Selenium   | 77-2  | 154.89   | 187.42   | 104.78   | 149.03     | 27.93   | ppb   |
| Selenium   | 78-2  | 128.03   | 152.45   | 130.66   | 137.05     | 9.78    | ppb   |
| Selenium   | 82-1  | 131.73   | 131.90   | 132.02   | 131.88     | 0.11    | ppb   |
| Silicon    | 28-1  | 149.91   | 152.29   | 151.54   | 151.25     | 0.81    | ppb   |
| Silver     | 109-1 | 140.02   | 141.09   | 141.36   | 140.82     | 0.51    | ppb   |
| Silver     | 107-1 | 140.42   | 141.22   | 141.82   | 141.15     | 0.50    | ppb   |
| Sodium     | 23-2  | 12387.49 | 13023.25 | 12588.41 | 12666.38   | 2.57    | ppb   |
| Strontium  | 86-1  | 129.74   | 128.96   | 130.49   | 129.73     | 0.59    | ppb   |
| Strontium  | 88-1  | 132.89   | 132.11   | 132.26   | 132.42     | 0.31    | ppb   |
| Sulfur     | 34-1  | 2774.98  | 2926.21  | 2847.94  | 2849.71    | 2.65    | ppb   |
| Terbium    | 159-1 |          |          |          | 103        |         | %     |
| Terbium    | 159-2 |          |          |          | 100        |         | %     |
| Thallium   | 203-1 | 127.45   | 128.91   | 126.66   | 127.67     | 0.89    | ppb   |
| Thallium   | 205-1 | 130.68   | 131.33   | 128.31   | 130.11     | 1.22    | ppb   |
| Tin        | 118-1 | 135.29   | 136.94   | 136.02   | 136.08     | 0.61    | ppb   |
| Titanium   | 47-1  | 650.93   | 653.09   | 646.77   | 650.26     | 0.49    | ppb   |
| Uranium    | 238-1 | 125.34   | 123.61   | 122.29   | 123.75     | 1.24    | ppb   |
| Vanadium   | 51-2  | 127.21   | 135.46   | 128.68   | 130.45     | 3.37    | ppb   |
| Yttrium    | 89-1  |          |          |          | 100        |         | %     |
| Yttrium    | 89-2  |          |          |          | 96         |         | %     |
| Zinc       | 66-2  | 252.41   | 270.20   | 258.15   | 260.25     | 3.49    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S4                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 12:30:30 | DataFile Name :   | 007CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 132.65  | 131.95  | 132.27  | 132.29     | 0.26    | ppb   |
| Zirconium | 91-1 | 128.29  | 127.67  | 127.27  | 127.74     | 0.40    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB98566             | Operator :        | Jaswal     |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S5                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-10-11 12:34:06 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 4769.76  | 4932.82  | 4930.85  | 4877.81    | 1.92    | ppb   |
| Antimony   | 121-1 | 273.40   | 265.31   | 266.97   | 268.56     | 1.59    | ppb   |
| Arsenic    | 75-2  | 252.02   | 253.76   | 262.18   | 255.99     | 2.12    | ppb   |
| Barium     | 135-1 | 1353.76  | 1315.38  | 1325.64  | 1331.59    | 1.49    | ppb   |
| Barium     | 137-1 | 1338.21  | 1291.10  | 1326.09  | 1318.47    | 1.86    | ppb   |
| Beryllium  | 9-1   | 267.30   | 265.36   | 263.99   | 265.55     | 0.63    | ppb   |
| Bismuth    | 209-1 |          |          |          | 105        |         | %     |
| Bismuth    | 209-2 |          |          |          | 101        |         | %     |
| Boron      | 11-1  | 253.15   | 257.95   | 260.72   | 257.28     | 1.49    | ppb   |
| Boron      | 10-1  | 257.83   | 253.71   | 268.30   | 259.95     | 2.89    | ppb   |
| Cadmium    | 106-1 | 277.71   | 268.81   | 276.19   | 274.24     | 1.74    | ppb   |
| Cadmium    | 108-1 | 278.54   | 263.72   | 276.09   | 272.78     | 2.91    | ppb   |
| Cadmium    | 111-1 | 268.34   | 264.67   | 266.77   | 266.59     | 0.69    | ppb   |
| Calcium    | 43-1  | 26272.38 | 25899.44 | 25972.54 | 26048.12   | 0.76    | ppb   |
| Calcium    | 44-1  | 25786.01 | 25415.16 | 25911.90 | 25704.36   | 1.00    | ppb   |
| Chromium   | 52-2  | 249.97   | 256.23   | 257.40   | 254.54     | 1.57    | ppb   |
| Cobalt     | 59-2  | 249.00   | 256.66   | 258.22   | 254.62     | 1.94    | ppb   |
| Copper     | 63-2  | 495.95   | 514.19   | 513.72   | 507.95     | 2.05    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 105        |         | %     |
| Holmium    | 165-2 |          |          |          | 100        |         | %     |
| Indium     | 115-1 |          |          |          | 99         |         | %     |
| Indium     | 115-2 |          |          |          | 94         |         | %     |
| Iron       | 56-2  | 12454.13 | 12735.18 | 12828.42 | 12672.58   | 1.54    | ppb   |
| Iron       | 57-2  | 12376.62 | 12631.47 | 12690.02 | 12566.04   | 1.33    | ppb   |
| Krypton    | 83-1  | 13135.95 | -3552.08 | 1589.92  | 3724.60    | 229.46  | ppb   |
| Lead       | 207-1 | 263.84   | 261.67   | 263.41   | 262.97     | 0.44    | ppb   |
| Lead       | 208-1 | 263.14   | 259.16   | 263.00   | 261.77     | 0.86    | ppb   |
| Lead       | 206-1 | 260.51   | 259.40   | 263.50   | 261.14     | 0.81    | ppb   |
| Lithium    | 6-1   |          |          |          | 98         |         | %     |
| Magnesium  | 24-2  | 25027.98 | 25906.45 | 25960.66 | 25631.70   | 2.04    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB98566             | Operator :        | Jaswal     |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S5                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-10-11 12:34:06 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 498.98   | 515.28   | 517.16   | 510.48     | 1.96    | ppb   |
| Molybdenum | 94-1  | 1295.88  | 1280.58  | 1297.08  | 1291.18    | 0.71    | ppb   |
| Molybdenum | 95-1  | 1297.26  | 1283.10  | 1278.99  | 1286.45    | 0.74    | ppb   |
| Molybdenum | 96-1  | 1303.66  | 1275.14  | 1268.18  | 1282.33    | 1.47    | ppb   |
| Molybdenum | 97-1  | 1310.59  | 1290.95  | 1294.11  | 1298.55    | 0.81    | ppb   |
| Molybdenum | 98-1  | 1294.89  | 1271.02  | 1273.20  | 1279.70    | 1.03    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 248.72   | 261.51   | 261.77   | 257.33     | 2.90    | ppb   |
| Phosphorus | 31-2  | 5061.55  | 5368.24  | 5340.89  | 5256.89    | 3.23    | ppb   |
| Potassium  | 39-2  | 12248.48 | 12461.49 | 12480.60 | 12396.86   | 1.04    | ppb   |
| Rhodium    | 103-1 |          |          |          | 97         |         | %     |
| Rhodium    | 103-2 |          |          |          | 94         |         | %     |
| Scandium   | 45-1  |          |          |          | 93         |         | %     |
| Scandium   | 45-2  |          |          |          | 88         |         | %     |
| Selenium   | 77-2  | 222.04   | 284.67   | 304.38   | 270.36     | 15.90   | ppb   |
| Selenium   | 78-2  | 270.70   | 234.63   | 259.10   | 254.81     | 7.23    | ppb   |
| Selenium   | 82-1  | 262.45   | 261.74   | 259.01   | 261.07     | 0.70    | ppb   |
| Silicon    | 28-1  | 277.37   | 274.00   | 280.34   | 277.23     | 1.14    | ppb   |
| Silver     | 109-1 | 282.30   | 271.69   | 277.70   | 277.23     | 1.92    | ppb   |
| Silver     | 107-1 | 282.09   | 270.66   | 280.14   | 277.63     | 2.20    | ppb   |
| Sodium     | 23-2  | 24954.45 | 25575.91 | 26088.62 | 25539.66   | 2.22    | ppb   |
| Strontium  | 86-1  | 259.64   | 255.97   | 257.44   | 257.68     | 0.72    | ppb   |
| Strontium  | 88-1  | 260.23   | 255.61   | 259.39   | 258.41     | 0.95    | ppb   |
| Sulfur     | 34-1  | 5617.91  | 5279.40  | 5579.23  | 5492.18    | 3.37    | ppb   |
| Terbium    | 159-1 |          |          |          | 105        |         | %     |
| Terbium    | 159-2 |          |          |          | 102        |         | %     |
| Thallium   | 203-1 | 261.86   | 258.84   | 266.32   | 262.34     | 1.43    | ppb   |
| Thallium   | 205-1 | 260.97   | 256.17   | 262.69   | 259.94     | 1.30    | ppb   |
| Tin        | 118-1 | 277.88   | 266.94   | 270.97   | 271.93     | 2.03    | ppb   |
| Titanium   | 47-1  | 1335.75  | 1310.95  | 1348.57  | 1331.76    | 1.44    | ppb   |
| Uranium    | 238-1 | 247.01   | 244.23   | 251.12   | 247.45     | 1.40    | ppb   |
| Vanadium   | 51-2  | 248.47   | 255.52   | 257.90   | 253.96     | 1.93    | ppb   |
| Yttrium    | 89-1  |          |          |          | 99         |         | %     |
| Yttrium    | 89-2  |          |          |          | 92         |         | %     |
| Zinc       | 66-2  | 500.35   | 518.47   | 513.96   | 510.93     | 1.85    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S5                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 12:34:06 | DataFile Name :   | 008CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 262.35  | 257.83  | 260.19  | 260.12     | 0.87    | ppb   |
| Zirconium | 91-1 | 259.06  | 252.27  | 255.30  | 255.54     | 1.33    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB98566             | Operator :        | Jaswal     |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S6                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-10-11 12:37:38 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9704.32  | 9404.26  | 9829.22  | 9645.93    | 2.26    | ppb   |
| Antimony   | 121-1 | 519.22   | 507.05   | 504.94   | 510.40     | 1.51    | ppb   |
| Arsenic    | 75-2  | 508.65   | 494.04   | 514.23   | 505.64     | 2.06    | ppb   |
| Barium     | 135-1 | 2618.46  | 2518.07  | 2514.49  | 2550.34    | 2.31    | ppb   |
| Barium     | 137-1 | 2572.42  | 2517.73  | 2502.51  | 2530.89    | 1.45    | ppb   |
| Beryllium  | 9-1   | 515.36   | 501.03   | 492.73   | 503.04     | 2.28    | ppb   |
| Bismuth    | 209-1 |          |          |          | 106        |         | %     |
| Bismuth    | 209-2 |          |          |          | 97         |         | %     |
| Boron      | 11-1  | 497.45   | 503.23   | 498.16   | 499.61     | 0.63    | ppb   |
| Boron      | 10-1  | 493.75   | 494.90   | 498.56   | 495.73     | 0.51    | ppb   |
| Cadmium    | 106-1 | 524.72   | 511.17   | 499.84   | 511.91     | 2.43    | ppb   |
| Cadmium    | 108-1 | 524.22   | 507.41   | 505.94   | 512.52     | 1.98    | ppb   |
| Cadmium    | 111-1 | 514.61   | 500.80   | 499.43   | 504.95     | 1.66    | ppb   |
| Calcium    | 43-1  | 51345.13 | 50641.33 | 50005.19 | 50663.88   | 1.32    | ppb   |
| Calcium    | 44-1  | 50940.60 | 50294.24 | 49386.45 | 50207.10   | 1.56    | ppb   |
| Chromium   | 52-2  | 506.02   | 493.10   | 508.33   | 502.48     | 1.63    | ppb   |
| Cobalt     | 59-2  | 504.83   | 493.44   | 514.52   | 504.26     | 2.09    | ppb   |
| Copper     | 63-2  | 1015.78  | 991.93   | 1023.09  | 1010.26    | 1.61    | 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 |          |          |          | 105        |         | %     |
| Holmium    | 165-2 |          |          |          | 98         |         | %     |
| Indium     | 115-1 |          |          |          | 96         |         | %     |
| Indium     | 115-2 |          |          |          | 86         |         | %     |
| Iron       | 56-2  | 25039.13 | 24580.53 | 25534.54 | 25051.40   | 1.90    | ppb   |
| Iron       | 57-2  | 25110.80 | 24456.98 | 25479.50 | 25015.76   | 2.07    | ppb   |
| Krypton    | 83-1  | -3426.65 | 2555.58  | 4259.11  | 1129.34    | 357.42  | ppb   |
| Lead       | 207-1 | 522.51   | 499.44   | 499.08   | 507.01     | 2.65    | ppb   |
| Lead       | 208-1 | 518.56   | 498.15   | 498.32   | 505.01     | 2.32    | ppb   |
| Lead       | 206-1 | 519.96   | 501.73   | 499.26   | 506.98     | 2.23    | ppb   |
| Lithium    | 6-1   |          |          |          | 94         |         | %     |
| Magnesium  | 24-2  | 52264.61 | 50042.90 | 52867.07 | 51724.86   | 2.88    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB98566             | Operator :        | Jaswal     |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S6                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-10-11 12:37:38 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 1011.47  | 986.86   | 1035.53  | 1011.29    | 2.41    | ppb   |
| Molybdenum | 94-1  | 2557.73  | 2473.86  | 2459.63  | 2497.07    | 2.12    | ppb   |
| Molybdenum | 95-1  | 2556.25  | 2467.57  | 2464.11  | 2495.97    | 2.09    | ppb   |
| Molybdenum | 96-1  | 2557.49  | 2494.66  | 2462.50  | 2504.88    | 1.93    | ppb   |
| Molybdenum | 97-1  | 2578.26  | 2495.50  | 2470.49  | 2514.75    | 2.24    | ppb   |
| Molybdenum | 98-1  | 2559.71  | 2484.82  | 2476.64  | 2507.06    | 1.83    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 510.53   | 498.75   | 514.43   | 507.90     | 1.61    | ppb   |
| Phosphorus | 31-2  | 10893.74 | 9896.45  | 10165.52 | 10318.57   | 5.00    | ppb   |
| Potassium  | 39-2  | 24256.70 | 23545.82 | 24752.75 | 24185.09   | 2.51    | ppb   |
| Rhodium    | 103-1 |          |          |          | 92         |         | %     |
| Rhodium    | 103-2 |          |          |          | 87         |         | %     |
| Scandium   | 45-1  |          |          |          | 86         |         | %     |
| Scandium   | 45-2  |          |          |          | 79         |         | %     |
| Selenium   | 77-2  | 459.79   | 402.39   | 535.44   | 465.87     | 14.32   | ppb   |
| Selenium   | 78-2  | 529.69   | 498.74   | 485.75   | 504.73     | 4.47    | ppb   |
| Selenium   | 82-1  | 519.61   | 498.69   | 498.62   | 505.64     | 2.39    | ppb   |
| Silicon    | 28-1  | 542.15   | 512.51   | 504.49   | 519.71     | 3.82    | ppb   |
| Silver     | 109-1 | 530.79   | 507.96   | 508.95   | 515.90     | 2.50    | ppb   |
| Silver     | 107-1 | 528.32   | 514.69   | 506.17   | 516.39     | 2.16    | ppb   |
| Sodium     | 23-2  | 51112.62 | 49441.37 | 50839.37 | 50464.45   | 1.78    | ppb   |
| Strontium  | 86-1  | 507.56   | 494.08   | 492.44   | 498.03     | 1.67    | ppb   |
| Strontium  | 88-1  | 514.95   | 498.59   | 496.03   | 503.19     | 2.04    | ppb   |
| Sulfur     | 34-1  | 10770.55 | 10036.53 | 9734.90  | 10180.66   | 5.23    | ppb   |
| Terbium    | 159-1 |          |          |          | 104        |         | %     |
| Terbium    | 159-2 |          |          |          | 97         |         | %     |
| Thallium   | 203-1 | 516.11   | 498.68   | 498.45   | 504.41     | 2.01    | ppb   |
| Thallium   | 205-1 | 511.66   | 492.86   | 492.73   | 499.08     | 2.18    | ppb   |
| Tin        | 118-1 | 524.39   | 507.68   | 505.65   | 512.57     | 2.01    | ppb   |
| Titanium   | 47-1  | 2582.05  | 2536.95  | 2526.13  | 2548.38    | 1.16    | ppb   |
| Uranium    | 238-1 | 502.99   | 494.61   | 486.96   | 494.85     | 1.62    | ppb   |
| Vanadium   | 51-2  | 505.38   | 494.09   | 514.26   | 504.58     | 2.00    | ppb   |
| Yttrium    | 89-1  |          |          |          | 94         |         | %     |
| Yttrium    | 89-2  |          |          |          | 84         |         | %     |
| Zinc       | 66-2  | 1020.62  | 989.53   | 1022.52  | 1010.89    | 1.83    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S6                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 12:37:38 | DataFile Name :   | 009CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 514.89  | 494.19  | 495.36  | 501.48     | 2.32    | ppb   |
| Zirconium | 91-1 | 512.26  | 497.32  | 499.63  | 503.07     | 1.60    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB98566             | Operator :        | Jaswal     |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S7                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-10-11 12:41:06 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 18684.70  | 18840.66  | 19046.80  | 18857.38   | 0.96    | ppb   |
| Antimony   | 121-1 | 988.02    | 990.99    | 987.48    | 988.83     | 0.19    | ppb   |
| Arsenic    | 75-2  | 986.32    | 996.35    | 1003.01   | 995.23     | 0.84    | ppb   |
| Barium     | 135-1 | 4942.66   | 4971.17   | 4926.27   | 4946.70    | 0.46    | ppb   |
| Barium     | 137-1 | 4952.55   | 4988.60   | 4936.57   | 4959.24    | 0.54    | ppb   |
| Beryllium  | 9-1   | 991.07    | 998.29    | 988.78    | 992.71     | 0.50    | ppb   |
| Bismuth    | 209-1 |           |           |           | 106        |         | %     |
| Bismuth    | 209-2 |           |           |           | 96         |         | %     |
| Boron      | 11-1  | 968.57    | 1008.45   | 1014.29   | 997.10     | 2.50    | ppb   |
| Boron      | 10-1  | 973.63    | 1001.30   | 1018.87   | 997.94     | 2.29    | ppb   |
| Cadmium    | 106-1 | 983.91    | 987.30    | 985.56    | 985.59     | 0.17    | ppb   |
| Cadmium    | 108-1 | 986.48    | 988.08    | 983.16    | 985.91     | 0.25    | ppb   |
| Cadmium    | 111-1 | 984.93    | 993.01    | 996.44    | 991.46     | 0.60    | ppb   |
| Calcium    | 43-1  | 100806.08 | 101268.67 | 99712.82  | 100595.86  | 0.79    | ppb   |
| Calcium    | 44-1  | 97587.29  | 99910.69  | 97187.44  | 98228.47   | 1.50    | ppb   |
| Chromium   | 52-2  | 991.74    | 1000.35   | 998.64    | 996.91     | 0.46    | ppb   |
| Cobalt     | 59-2  | 992.15    | 993.17    | 1003.47   | 996.26     | 0.63    | ppb   |
| Copper     | 63-2  | 1976.34   | 2007.33   | 1992.78   | 1992.15    | 0.78    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 107        |         | %     |
| Holmium    | 165-2 |           |           |           | 99         |         | %     |
| Indium     | 115-1 |           |           |           | 93         |         | %     |
| Indium     | 115-2 |           |           |           | 82         |         | %     |
| Iron       | 56-2  | 49240.35  | 49761.24  | 49579.72  | 49527.10   | 0.53    | ppb   |
| Iron       | 57-2  | 48722.18  | 49051.09  | 48927.02  | 48900.10   | 0.34    | ppb   |
| Krypton    | 83-1  | 5394.67   | 2803.05   | -8629.97  | -144.08    |         | ppb   |
| Lead       | 207-1 | 985.12    | 1011.79   | 981.93    | 992.94     | 1.65    | ppb   |
| Lead       | 208-1 | 985.26    | 1013.26   | 983.61    | 994.04     | 1.68    | ppb   |
| Lead       | 206-1 | 983.35    | 1013.00   | 983.40    | 993.25     | 1.72    | ppb   |
| Lithium    | 6-1   |           |           |           | 91         |         | %     |
| Magnesium  | 24-2  | 100962.13 | 101959.87 | 101412.35 | 101444.78  | 0.49    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB98566             | Operator :        | Jaswal     |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S7                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-10-11 12:41:06 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 1972.12  | 2011.14  | 1987.42  | 1990.23    | 0.99    | ppb   |
| Molybdenum | 94-1  | 4973.93  | 5024.37  | 4961.75  | 4986.68    | 0.67    | ppb   |
| Molybdenum | 95-1  | 4949.72  | 5030.72  | 4987.12  | 4989.19    | 0.81    | ppb   |
| Molybdenum | 96-1  | 4958.52  | 5010.66  | 4988.12  | 4985.77    | 0.52    | ppb   |
| Molybdenum | 97-1  | 4953.91  | 5007.51  | 4968.05  | 4976.49    | 0.56    | ppb   |
| Molybdenum | 98-1  | 4943.38  | 5048.20  | 4968.15  | 4986.57    | 1.10    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 988.26   | 996.44   | 995.49   | 993.40     | 0.45    | ppb   |
| Phosphorus | 31-2  | 19906.82 | 19933.04 | 19457.45 | 19765.77   | 1.35    | ppb   |
| Potassium  | 39-2  | 47063.32 | 47680.10 | 47463.23 | 47402.22   | 0.66    | ppb   |
| Rhodium    | 103-1 |          |          |          | 90         |         | %     |
| Rhodium    | 103-2 |          |          |          | 85         |         | %     |
| Scandium   | 45-1  |          |          |          | 85         |         | %     |
| Scandium   | 45-2  |          |          |          | 78         |         | %     |
| Selenium   | 77-2  | 923.59   | 991.72   | 1108.96  | 1008.09    | 9.30    | ppb   |
| Selenium   | 78-2  | 974.92   | 1018.22  | 990.90   | 994.68     | 2.20    | ppb   |
| Selenium   | 82-1  | 981.42   | 1008.11  | 990.50   | 993.35     | 1.37    | ppb   |
| Silicon    | 28-1  | 972.81   | 996.36   | 968.97   | 979.38     | 1.51    | ppb   |
| Silver     | 109-1 | 980.87   | 983.94   | 983.88   | 982.89     | 0.18    | ppb   |
| Silver     | 107-1 | 982.40   | 986.13   | 978.99   | 982.51     | 0.36    | ppb   |
| Sodium     | 23-2  | 97443.00 | 99040.00 | 98903.12 | 98462.04   | 0.90    | ppb   |
| Strontium  | 86-1  | 991.87   | 1021.15  | 982.17   | 998.40     | 2.03    | ppb   |
| Strontium  | 88-1  | 996.65   | 1005.51  | 983.56   | 995.24     | 1.11    | ppb   |
| Sulfur     | 34-1  | 19577.81 | 20201.54 | 19377.57 | 19718.98   | 2.18    | ppb   |
| Terbium    | 159-1 |          |          |          | 104        |         | %     |
| Terbium    | 159-2 |          |          |          | 97         |         | %     |
| Thallium   | 203-1 | 983.72   | 1018.81  | 980.38   | 994.30     | 2.14    | ppb   |
| Thallium   | 205-1 | 984.30   | 1018.52  | 988.92   | 997.24     | 1.86    | ppb   |
| Tin        | 118-1 | 979.67   | 991.08   | 989.05   | 986.60     | 0.62    | ppb   |
| Titanium   | 47-1  | 4941.69  | 5047.77  | 4865.37  | 4951.61    | 1.85    | ppb   |
| Uranium    | 238-1 | 992.69   | 1025.64  | 991.92   | 1003.42    | 1.92    | ppb   |
| Vanadium   | 51-2  | 987.20   | 998.08   | 1002.80  | 996.03     | 0.80    | ppb   |
| Yttrium    | 89-1  |          |          |          | 93         |         | %     |
| Yttrium    | 89-2  |          |          |          | 82         |         | %     |
| Zinc       | 66-2  | 1986.04  | 1998.40  | 1987.30  | 1990.58    | 0.34    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S7                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 12:41:06 | DataFile Name :   | 010CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 992.95  | 1011.51 | 982.78  | 995.75     | 1.46    | ppb   |
| Zirconium | 91-1 | 994.08  | 997.62  | 998.37  | 996.69     | 0.23    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S8                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 12:44:32 | DataFile Name :   | 011CALS.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 98983.15  | 96673.19  | 105158.71 | 100271.69  | 4.38    | ppb   |
| Antimony   | 121-1 | 3.03      | 2.87      | 2.66      | 2.85       | 6.65    | ppb   |
| Arsenic    | 75-2  | 1.71      | 1.52      | 1.80      | 1.68       | 8.79    | ppb   |
| Barium     | 135-1 | 1.32      | 1.47      | 1.36      | 1.38       | 5.51    | ppb   |
| Barium     | 137-1 | 1.46      | 1.35      | 1.41      | 1.41       | 3.78    | ppb   |
| Beryllium  | 9-1   | 0.81      | 0.58      | 0.64      | 0.67       | 17.65   | ppb   |
| Bismuth    | 209-1 |           |           |           | 97         |         | %     |
| Bismuth    | 209-2 |           |           |           | 89         |         | %     |
| Boron      | 11-1  | 49.89     | 44.68     | 42.47     | 45.68      | 8.34    | ppb   |
| Boron      | 10-1  | 51.78     | 46.30     | 45.05     | 47.71      | 7.50    | ppb   |
| Cadmium    | 106-1 | -0.62     | -0.63     | -0.12     | -0.45      |         | ppb   |
| Cadmium    | 108-1 | 0.34      | 0.49      | 0.10      | 0.31       | 64.62   | ppb   |
| Cadmium    | 111-1 | 0.16      | 0.13      | 0.19      | 0.16       | 18.56   | ppb   |
| Calcium    | 43-1  | 505113.67 | 494683.72 | 499452.31 | 499749.90  | 1.04    | ppb   |
| Calcium    | 44-1  | 505890.76 | 494689.10 | 500283.35 | 500287.74  | 1.12    | ppb   |
| Chromium   | 52-2  | 55.24     | 53.76     | 58.03     | 55.67      | 3.90    | ppb   |
| Cobalt     | 59-2  | 12.68     | 12.37     | 13.58     | 12.88      | 4.87    | ppb   |
| Copper     | 63-2  | 4.62      | 4.27      | 5.03      | 4.64       | 8.20    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 103        |         | %     |
| Holmium    | 165-2 |           |           |           | 97         |         | %     |
| Indium     | 115-1 |           |           |           | 93         |         | %     |
| Indium     | 115-2 |           |           |           | 87         |         | %     |
| Iron       | 56-2  | 247192.62 | 241215.89 | 261815.32 | 250074.61  | 4.24    | ppb   |
| Iron       | 57-2  | 247802.16 | 241248.97 | 261589.92 | 250213.68  | 4.15    | ppb   |
| Krypton    | 83-1  | 5436.35   | 11788.34  | 6762.24   | 7995.65    | 41.91   | ppb   |
| Lead       | 207-1 | 1.10      | 1.05      | 1.02      | 1.05       | 3.86    | ppb   |
| Lead       | 208-1 | 1.10      | 1.03      | 1.04      | 1.06       | 3.51    | ppb   |
| Lead       | 206-1 | 1.09      | 1.04      | 1.04      | 1.06       | 2.85    | ppb   |
| Lithium    | 6-1   |           |           |           | 89         |         | %     |
| Magnesium  | 24-2  | 494864.54 | 480650.87 | 522968.05 | 499494.49  | 4.31    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB98566             | Operator :        | Jaswal     |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S8                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-10-11 12:44:32 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 15.95     | 15.39     | 17.24     | 16.19      | 5.84    | ppb   |
| Molybdenum | 94-1  | 7.74      | 7.16      | 7.28      | 7.39       | 4.17    | ppb   |
| Molybdenum | 95-1  | 9.98      | 9.58      | 9.38      | 9.65       | 3.14    | ppb   |
| Molybdenum | 96-1  | 10.08     | 9.75      | 9.41      | 9.75       | 3.40    | ppb   |
| Molybdenum | 97-1  | 10.09     | 9.79      | 9.10      | 9.66       | 5.24    | ppb   |
| Molybdenum | 98-1  | 9.92      | 9.49      | 9.38      | 9.60       | 2.98    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 43.26     | 41.51     | 45.20     | 43.32      | 4.27    | ppb   |
| Phosphorus | 31-2  | -6.08     | 15.69     | -6.08     | 1.18       | 1065.47 | ppb   |
| Potassium  | 39-2  | 247045.41 | 242179.22 | 262578.78 | 250601.14  | 4.25    | ppb   |
| Rhodium    | 103-1 |           |           |           | 86         |         | %     |
| Rhodium    | 103-2 |           |           |           | 84         |         | %     |
| Scandium   | 45-1  |           |           |           | 85         |         | %     |
| Scandium   | 45-2  |           |           |           | 84         |         | %     |
| Selenium   | 77-2  | 0.00      | 4.68      | 0.00      | 1.56       | 173.21  | ppb   |
| Selenium   | 78-2  | 0.57      | 1.35      | 0.60      | 0.84       | 52.95   | ppb   |
| Selenium   | 82-1  | 0.82      | 0.51      | 0.92      | 0.75       | 28.43   | ppb   |
| Silicon    | 28-1  | 59.65     | 59.66     | 73.86     | 64.39      | 12.74   | ppb   |
| Silver     | 109-1 | 0.15      | 0.17      | 0.12      | 0.14       | 15.33   | ppb   |
| Silver     | 107-1 | 0.14      | 0.14      | 0.14      | 0.14       | 2.74    | ppb   |
| Sodium     | 23-2  | 494901.23 | 482917.73 | 522874.51 | 500231.16  | 4.10    | ppb   |
| Strontium  | 86-1  | 4.64      | 4.66      | 4.65      | 4.65       | 0.21    | ppb   |
| Strontium  | 88-1  | 4.84      | 4.71      | 4.72      | 4.76       | 1.51    | ppb   |
| Sulfur     | 34-1  | -295.38   | -461.44   | -279.23   | -345.35    |         | ppb   |
| Terbium    | 159-1 |           |           |           | 101        |         | %     |
| Terbium    | 159-2 |           |           |           | 97         |         | %     |
| Thallium   | 203-1 | 0.54      | 0.54      | 0.49      | 0.52       | 5.47    | ppb   |
| Thallium   | 205-1 | 0.57      | 0.54      | 0.51      | 0.54       | 5.47    | ppb   |
| Tin        | 118-1 | 2.64      | 2.36      | 2.35      | 2.45       | 6.73    | ppb   |
| Titanium   | 47-1  | 1.36      | 1.66      | 1.62      | 1.55       | 10.59   | ppb   |
| Uranium    | 238-1 | 0.21      | 0.22      | 0.21      | 0.22       | 3.68    | ppb   |
| Vanadium   | 51-2  | 0.62      | 0.62      | 0.44      | 0.56       | 18.83   | ppb   |
| Yttrium    | 89-1  |           |           |           | 92         |         | %     |
| Yttrium    | 89-2  |           |           |           | 88         |         | %     |
| Zinc       | 66-2  | 14.93     | 15.42     | 15.84     | 15.40      | 2.95    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S8                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 12:44:32 | DataFile Name :   | 011CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.41    | 0.38    | 0.41    | 0.40       | 3.96    | ppb   |
| Zirconium | 91-1 | 0.43    | 0.44    | 0.40    | 0.42       | 4.38    | ppb   |

LB Number : LB98566 Operator : Jaswal  
 Lab Sample ID : ICV01 Instrumnet Name : P8  
 Client Sample ID : ICV01 Dilution Factor : 1  
 Date & Time Acquired :: 2018-10-11 13:17:33 DataFile Name : 014ICV01.d

| Parameter  | Mass  | ConRep1   | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|----------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 478.13    | 457.17   | 509.74  | 481.68     | 5.49    | ppb   |
| Antimony   | 121-1 | 211.02    | 213.97   | 210.88  | 211.95     | 0.82    | ppb   |
| Arsenic    | 75-2  | 196.08    | 198.11   | 214.64  | 202.94     | 5.02    | ppb   |
| Barium     | 135-1 | 104.74    | 106.22   | 106.13  | 105.70     | 0.78    | ppb   |
| Barium     | 137-1 | 105.55    | 105.44   | 105.83  | 105.60     | 0.19    | ppb   |
| Beryllium  | 9-1   | 108.71    | 106.69   | 105.84  | 107.08     | 1.38    | ppb   |
| Bismuth    | 209-1 |           |          |         | 106        |         | %     |
| Bismuth    | 209-2 |           |          |         | 103        |         | %     |
| Boron      | 11-1  | 3.17      | 3.45     | 3.29    | 3.30       | 4.25    | ppb   |
| Boron      | 10-1  | 2.40      | 3.25     | 3.70    | 3.12       | 21.16   | ppb   |
| Cadmium    | 106-1 | 89.41     | 96.25    | 91.52   | 92.39      | 3.79    | ppb   |
| Cadmium    | 108-1 | 98.93     | 99.45    | 97.23   | 98.54      | 1.18    | ppb   |
| Cadmium    | 111-1 | 106.40    | 106.74   | 105.77  | 106.30     | 0.46    | ppb   |
| Calcium    | 43-1  | 1970.51   | 2114.43  | 2025.92 | 2036.95    | 3.56    | ppb   |
| Calcium    | 44-1  | 1993.76   | 2077.50  | 2007.95 | 2026.41    | 2.21    | ppb   |
| Chromium   | 52-2  | 98.08     | 98.92    | 107.17  | 101.39     | 4.95    | ppb   |
| Cobalt     | 59-2  | 100.57    | 101.48   | 109.15  | 103.73     | 4.54    | ppb   |
| Copper     | 63-2  | 100.71    | 101.22   | 109.37  | 103.77     | 4.68    | ppb   |
| Dysprosium | 156-1 |           |          |         |            |         | cps   |
| Dysprosium | 156-2 |           |          |         |            |         | cps   |
| Erbium     | 164-1 |           |          |         |            |         | cps   |
| Erbium     | 164-2 |           |          |         |            |         | cps   |
| Gadolinium | 160-1 |           |          |         |            |         | cps   |
| Gadolinium | 160-2 |           |          |         |            |         | cps   |
| Holmium    | 165-1 |           |          |         | 106        |         | %     |
| Holmium    | 165-2 |           |          |         | 104        |         | %     |
| Indium     | 115-1 |           |          |         | 103        |         | %     |
| Indium     | 115-2 |           |          |         | 99         |         | %     |
| Iron       | 56-2  | 994.45    | 1000.77  | 1087.44 | 1027.55    | 5.06    | ppb   |
| Iron       | 57-2  | 957.23    | 997.55   | 1076.14 | 1010.31    | 5.99    | ppb   |
| Krypton    | 83-1  | -10763.33 | -4291.30 | 1125.94 | -4642.90   |         | ppb   |
| Lead       | 207-1 | 195.31    | 202.38   | 196.58  | 198.09     | 1.90    | ppb   |
| Lead       | 208-1 | 202.71    | 210.37   | 203.44  | 205.51     | 2.06    | ppb   |
| Lead       | 206-1 | 203.36    | 211.12   | 206.00  | 206.83     | 1.91    | ppb   |
| Lithium    | 6-1   |           |          |         | 100        |         | %     |
| Magnesium  | 24-2  | 1187.27   | 1209.95  | 1348.27 | 1248.50    | 6.98    | ppb   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB98566             | Operator :        | Jaswal     |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P8         |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-10-11 13:17:33 | DataFile Name :   | 014ICV01.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 97.50   | 99.93   | 107.68  | 101.70     | 5.23    | ppb   |
| Molybdenum | 94-1  | 0.11    | 0.18    | 0.09    | 0.13       | 35.29   | ppb   |
| Molybdenum | 95-1  | 0.06    | 0.04    | 0.07    | 0.06       | 29.63   | ppb   |
| Molybdenum | 96-1  | 0.07    | 0.05    | 0.05    | 0.05       | 21.26   | ppb   |
| Molybdenum | 97-1  | 0.05    | 0.03    | 0.04    | 0.04       | 20.30   | ppb   |
| Molybdenum | 98-1  | 0.05    | 0.05    | 0.03    | 0.04       | 23.12   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 101.04  | 102.26  | 111.81  | 105.04     | 5.61    | ppb   |
| Phosphorus | 31-2  | 13.04   | -6.08   | -6.08   | 0.29       | 3740.58 | ppb   |
| Potassium  | 39-2  | 1954.50 | 1948.10 | 2170.57 | 2024.39    | 6.26    | ppb   |
| Rhodium    | 103-1 |         |         |         | 102        |         | %     |
| Rhodium    | 103-2 |         |         |         | 100        |         | %     |
| Scandium   | 45-1  |         |         |         | 98         |         | %     |
| Scandium   | 45-2  |         |         |         | 95         |         | %     |
| Selenium   | 77-2  | 152.34  | 147.70  | 203.72  | 167.92     | 18.51   | ppb   |
| Selenium   | 78-2  | 247.06  | 226.36  | 233.64  | 235.68     | 4.46    | ppb   |
| Selenium   | 82-1  | 210.80  | 214.06  | 208.58  | 211.15     | 1.31    | ppb   |
| Silicon    | 28-1  | -7.10   | -5.75   | -6.90   | -6.58      |         | ppb   |
| Silver     | 109-1 | 110.10  | 110.00  | 110.21  | 110.10     | 0.09    | ppb   |
| Silver     | 107-1 | 109.01  | 109.59  | 109.06  | 109.22     | 0.29    | ppb   |
| Sodium     | 23-2  | 1965.37 | 1980.89 | 2115.28 | 2020.52    | 4.08    | ppb   |
| Strontium  | 86-1  | 2.30    | 2.22    | 2.19    | 2.24       | 2.52    | ppb   |
| Strontium  | 88-1  | 2.35    | 2.37    | 2.33    | 2.35       | 0.88    | ppb   |
| Sulfur     | 34-1  | -951.70 | -481.68 | -821.50 | -751.62    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 106        |         | %     |
| Terbium    | 159-2 |         |         |         | 104        |         | %     |
| Thallium   | 203-1 | 208.63  | 212.17  | 209.84  | 210.21     | 0.86    | ppb   |
| Thallium   | 205-1 | 206.01  | 212.04  | 206.85  | 208.30     | 1.57    | ppb   |
| Tin        | 118-1 | 0.03    | 0.01    | 0.00    | 0.01       | 146.50  | ppb   |
| Titanium   | 47-1  | 0.05    | 0.05    | 0.11    | 0.07       | 49.16   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 99.26   | 99.56   | 109.14  | 102.65     | 5.47    | ppb   |
| Yttrium    | 89-1  |         |         |         | 102        |         | %     |
| Yttrium    | 89-2  |         |         |         | 97         |         | %     |
| Zinc       | 66-2  | 205.62  | 202.21  | 223.51  | 210.44     | 5.44    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB98566             | Operator :        | Jaswal     |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P8         |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-10-11 13:17:33 | DataFile Name :   | 014ICV01.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.05    | 0.05    | 0.04    | 0.05       | 6.73    | ppb   |
| Zirconium | 91-1 | 0.12    | 0.10    | 0.11    | 0.11       | 7.33    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | LLICV01             | Instrumnet Name : | P8        |
| Client Sample ID :      | LLICV01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 13:21:16 | DataFile Name :   | 015LLIC.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 19.13    | 18.95    | 18.23   | 18.77      | 2.53    | ppb   |
| Antimony   | 121-1 | 2.43     | 2.38     | 2.31    | 2.37       | 2.51    | ppb   |
| Arsenic    | 75-2  | 1.10     | 1.14     | 0.97    | 1.07       | 8.06    | ppb   |
| Barium     | 135-1 | 9.84     | 9.81     | 9.99    | 9.88       | 0.94    | ppb   |
| Barium     | 137-1 | 9.77     | 9.75     | 10.00   | 9.84       | 1.44    | ppb   |
| Beryllium  | 9-1   | 1.17     | 1.07     | 1.10    | 1.11       | 4.76    | ppb   |
| Bismuth    | 209-1 |          |          |         | 106        |         | %     |
| Bismuth    | 209-2 |          |          |         | 105        |         | %     |
| Boron      | 11-1  | 25.69    | 25.98    | 27.38   | 26.35      | 3.43    | ppb   |
| Boron      | 10-1  | 27.43    | 25.56    | 29.66   | 27.55      | 7.45    | ppb   |
| Cadmium    | 106-1 | 0.66     | -0.12    | 0.18    | 0.24       | 161.76  | ppb   |
| Cadmium    | 108-1 | 1.16     | 1.52     | 1.02    | 1.23       | 20.92   | ppb   |
| Cadmium    | 111-1 | 0.95     | 0.86     | 1.02    | 0.94       | 8.43    | ppb   |
| Calcium    | 43-1  | 463.59   | 470.01   | 451.43  | 461.67     | 2.04    | ppb   |
| Calcium    | 44-1  | 471.37   | 471.84   | 461.66  | 468.29     | 1.23    | ppb   |
| Chromium   | 52-2  | 1.91     | 2.28     | 2.20    | 2.13       | 9.10    | ppb   |
| Cobalt     | 59-2  | 0.99     | 0.99     | 0.93    | 0.97       | 3.39    | ppb   |
| Copper     | 63-2  | 1.92     | 1.89     | 1.87    | 1.89       | 1.19    | ppb   |
| Dysprosium | 156-1 |          |          |         |            |         | cps   |
| Dysprosium | 156-2 |          |          |         |            |         | cps   |
| Erbium     | 164-1 |          |          |         |            |         | cps   |
| Erbium     | 164-2 |          |          |         |            |         | cps   |
| Gadolinium | 160-1 |          |          |         |            |         | cps   |
| Gadolinium | 160-2 |          |          |         |            |         | cps   |
| Holmium    | 165-1 |          |          |         | 106        |         | %     |
| Holmium    | 165-2 |          |          |         | 105        |         | %     |
| Indium     | 115-1 |          |          |         | 103        |         | %     |
| Indium     | 115-2 |          |          |         | 102        |         | %     |
| Iron       | 56-2  | 48.51    | 49.00    | 47.37   | 48.30      | 1.73    | ppb   |
| Iron       | 57-2  | 44.94    | 50.58    | 48.27   | 47.93      | 5.91    | ppb   |
| Krypton    | 83-1  | -6568.96 | -8545.73 | 1403.55 | -4570.38   |         | ppb   |
| Lead       | 207-1 | 1.01     | 0.98     | 0.98    | 0.99       | 1.94    | ppb   |
| Lead       | 208-1 | 1.05     | 1.00     | 1.01    | 1.02       | 2.97    | ppb   |
| Lead       | 206-1 | 1.04     | 1.03     | 1.04    | 1.04       | 0.47    | ppb   |
| Lithium    | 6-1   |          |          |         | 100        |         | %     |
| Magnesium  | 24-2  | 467.18   | 493.44   | 457.48  | 472.70     | 3.94    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | LLICV01             | Instrumnet Name : | P8        |
| Client Sample ID :      | LLICV01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 13:21:16 | DataFile Name :   | 015LLIC.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.88    | 0.91    | 1.03    | 0.94       | 8.69    | ppb   |
| Molybdenum | 94-1  | 4.83    | 4.68    | 4.59    | 4.70       | 2.66    | ppb   |
| Molybdenum | 95-1  | 4.68    | 5.07    | 4.73    | 4.83       | 4.37    | ppb   |
| Molybdenum | 96-1  | 4.80    | 4.72    | 4.72    | 4.75       | 0.96    | ppb   |
| Molybdenum | 97-1  | 4.84    | 4.94    | 4.86    | 4.88       | 1.04    | ppb   |
| Molybdenum | 98-1  | 4.85    | 4.87    | 4.81    | 4.84       | 0.65    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.25    | 1.23    | 1.09    | 1.19       | 6.98    | ppb   |
| Phosphorus | 31-2  | -6.08   | -6.08   | -6.08   | -6.08      |         | ppb   |
| Potassium  | 39-2  | 460.68  | 435.22  | 446.58  | 447.49     | 2.85    | ppb   |
| Rhodium    | 103-1 |         |         |         | 102        |         | %     |
| Rhodium    | 103-2 |         |         |         | 103        |         | %     |
| Scandium   | 45-1  |         |         |         | 97         |         | %     |
| Scandium   | 45-2  |         |         |         | 99         |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 8.33    | 6.11    | 6.15    | 6.86       | 18.51   | ppb   |
| Selenium   | 82-1  | 5.50    | 5.87    | 4.70    | 5.36       | 11.17   | ppb   |
| Silicon    | 28-1  | 10.06   | 8.96    | 8.07    | 9.03       | 11.01   | ppb   |
| Silver     | 109-1 | 1.09    | 1.08    | 1.03    | 1.06       | 2.88    | ppb   |
| Silver     | 107-1 | 1.09    | 1.16    | 1.05    | 1.10       | 4.97    | ppb   |
| Sodium     | 23-2  | 498.40  | 482.50  | 480.75  | 487.22     | 2.00    | ppb   |
| Strontium  | 86-1  | 0.94    | 1.03    | 0.86    | 0.94       | 9.01    | ppb   |
| Strontium  | 88-1  | 0.98    | 1.00    | 1.02    | 1.00       | 2.06    | ppb   |
| Sulfur     | 34-1  | -508.70 | -555.19 | -758.13 | -607.34    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 105        |         | %     |
| Terbium    | 159-2 |         |         |         | 107        |         | %     |
| Thallium   | 203-1 | 1.03    | 0.97    | 0.98    | 0.99       | 3.16    | ppb   |
| Thallium   | 205-1 | 1.03    | 1.01    | 1.01    | 1.02       | 0.99    | ppb   |
| Tin        | 118-1 | 5.19    | 5.09    | 5.04    | 5.11       | 1.55    | ppb   |
| Titanium   | 47-1  | 4.99    | 4.92    | 4.41    | 4.77       | 6.67    | ppb   |
| Uranium    | 238-1 | 0.96    | 0.92    | 0.92    | 0.93       | 2.33    | ppb   |
| Vanadium   | 51-2  | 4.65    | 4.63    | 4.48    | 4.58       | 2.05    | ppb   |
| Yttrium    | 89-1  |         |         |         | 102        |         | %     |
| Yttrium    | 89-2  |         |         |         | 101        |         | %     |
| Zinc       | 66-2  | 2.07    | 2.21    | 1.84    | 2.04       | 9.05    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | LLICV01             | Instrumnet Name : | P8        |
| Client Sample ID :      | LLICV01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 13:21:16 | DataFile Name :   | 015LLIC.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.91    | 0.95    | 0.93    | 0.93       | 1.99    | ppb   |
| Zirconium | 91-1 | 1.02    | 0.82    | 0.93    | 0.92       | 10.50   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P8        |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 13:25:03 | DataFile Name :   | 016CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.04    | -0.06    | -0.08   | -0.06      |         | ppb   |
| Antimony   | 121-1 | 0.10     | 0.12     | 0.11    | 0.11       | 10.15   | ppb   |
| Arsenic    | 75-2  | 0.04     | 0.04     | 0.02    | 0.03       | 29.60   | ppb   |
| Barium     | 135-1 | 0.00     | 0.00     | 0.01    | 0.00       | 221.95  | ppb   |
| Barium     | 137-1 | -0.01    | -0.01    | -0.01   | -0.01      |         | ppb   |
| Beryllium  | 9-1   | 0.10     | 0.03     | 0.05    | 0.06       | 60.44   | ppb   |
| Bismuth    | 209-1 |          |          |         | 106        |         | %     |
| Bismuth    | 209-2 |          |          |         | 104        |         | %     |
| Boron      | 11-1  | 3.87     | 3.89     | 3.22    | 3.66       | 10.29   | ppb   |
| Boron      | 10-1  | 3.19     | 2.71     | 3.99    | 3.30       | 19.61   | ppb   |
| Cadmium    | 106-1 | -0.75    | -0.92    | -0.77   | -0.81      |         | ppb   |
| Cadmium    | 108-1 | 0.04     | -0.04    | 0.01    | 0.00       | 776.53  | ppb   |
| Cadmium    | 111-1 | -0.06    | -0.06    | -0.05   | -0.06      |         | ppb   |
| Calcium    | 43-1  | -1.50    | -4.16    | -2.15   | -2.60      |         | ppb   |
| Calcium    | 44-1  | -5.64    | -4.69    | -6.11   | -5.48      |         | ppb   |
| Chromium   | 52-2  | 0.06     | -0.02    | 0.00    | 0.02       | 252.25  | ppb   |
| Cobalt     | 59-2  | -0.01    | 0.00     | 0.01    | 0.00       |         | ppb   |
| Copper     | 63-2  | -0.02    | -0.02    | -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 |          |          |         | 105        |         | %     |
| Holmium    | 165-2 |          |          |         | 105        |         | %     |
| Indium     | 115-1 |          |          |         | 103        |         | %     |
| Indium     | 115-2 |          |          |         | 100        |         | %     |
| Iron       | 56-2  | -0.16    | 0.38     | 0.08    | 0.10       | 265.07  | ppb   |
| Iron       | 57-2  | 2.68     | 1.21     | 0.83    | 1.57       | 61.96   | ppb   |
| Krypton    | 83-1  | -2345.84 | -4034.62 | 4541.33 | -613.04    |         | ppb   |
| Lead       | 207-1 | 0.02     | 0.01     | 0.02    | 0.01       | 31.41   | ppb   |
| Lead       | 208-1 | 0.02     | 0.02     | 0.02    | 0.02       | 11.35   | ppb   |
| Lead       | 206-1 | 0.01     | 0.02     | 0.02    | 0.02       | 38.39   | ppb   |
| Lithium    | 6-1   |          |          |         | 101        |         | %     |
| Magnesium  | 24-2  | 0.23     | 1.40     | -1.15   | 0.16       | 816.61  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P8        |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 13:25:03 | DataFile Name :   | 016CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.09    | -0.02   | 0.06    | 0.04       | 130.51  | ppb   |
| Molybdenum | 94-1  | 0.00    | 0.06    | 0.01    | 0.02       | 133.02  | ppb   |
| Molybdenum | 95-1  | 0.02    | 0.02    | 0.02    | 0.02       | 13.76   | ppb   |
| Molybdenum | 96-1  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 97-1  | 0.00    | 0.01    | -0.02   | 0.00       |         | ppb   |
| Molybdenum | 98-1  | 0.02    | 0.01    | 0.00    | 0.01       | 87.96   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.02   | 0.09    | 0.05    | 0.04       | 149.04  | ppb   |
| Phosphorus | 31-2  | -6.08   | -6.08   | -6.08   | -6.08      |         | ppb   |
| Potassium  | 39-2  | -9.98   | 9.81    | -1.14   | -0.44      |         | ppb   |
| Rhodium    | 103-1 |         |         |         | 102        |         | %     |
| Rhodium    | 103-2 |         |         |         | 102        |         | %     |
| 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  | 0.49    | 1.20    | -0.23   | 0.48       | 147.91  | ppb   |
| Selenium   | 82-1  | 0.29    | 0.06    | -0.37   | -0.01      |         | ppb   |
| Silicon    | 28-1  | -7.48   | -7.71   | 7.08    | -2.70      |         | ppb   |
| Silver     | 109-1 | 0.01    | 0.00    | 0.01    | 0.00       | 76.81   | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | 425.73  | ppb   |
| Sodium     | 23-2  | 20.32   | 16.94   | 19.03   | 18.76      | 9.10    | ppb   |
| Strontium  | 86-1  | 0.03    | -0.03   | 0.01    | 0.00       | 1952.20 | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -534.81 | -436.20 | -624.55 | -531.85    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 106        |         | %     |
| Terbium    | 159-2 |         |         |         | 105        |         | %     |
| Thallium   | 203-1 | 0.03    | 0.04    | 0.04    | 0.03       | 22.02   | ppb   |
| Thallium   | 205-1 | 0.04    | 0.04    | 0.04    | 0.04       | 9.94    | ppb   |
| Tin        | 118-1 | -0.01   | 0.02    | 0.00    | 0.00       | 370.35  | ppb   |
| Titanium   | 47-1  | 0.10    | 0.10    | 0.07    | 0.09       | 16.29   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00    | 0.01    | 0.00    | 0.01       | 55.02   | ppb   |
| Yttrium    | 89-1  |         |         |         | 102        |         | %     |
| Yttrium    | 89-2  |         |         |         | 99         |         | %     |
| Zinc       | 66-2  | 0.19    | 0.06    | -0.07   | 0.06       | 221.43  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P8        |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 13:25:03 | DataFile Name :   | 016CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.02    | 0.01    | 0.00    | 0.01       | 71.22   | ppb   |
| Zirconium | 91-1 | 0.00    | 0.02    | 0.00    | 0.01       | 150.53  | ppb   |



|                         |                     |                   |             |
|-------------------------|---------------------|-------------------|-------------|
| LB Number :             | LB98566             | Operator :        | Jaswal      |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P8          |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1           |
| Date & Time Acquired :: | 2018-10-11 13:28:27 | DataFile Name :   | 017ICSA01.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 95830.30  | 89262.43  | 88766.95  | 91286.56   | 4.32    | ppb   |
| Antimony   | 121-1 | 1.19      | 1.24      | 1.22      | 1.22       | 1.74    | ppb   |
| Arsenic    | 75-2  | 0.27      | 0.40      | 0.14      | 0.27       | 48.28   | ppb   |
| Barium     | 135-1 | 1.58      | 1.60      | 1.37      | 1.52       | 8.27    | ppb   |
| Barium     | 137-1 | 1.57      | 1.53      | 1.62      | 1.57       | 2.87    | ppb   |
| Beryllium  | 9-1   | 0.32      | 0.27      | 0.29      | 0.29       | 7.49    | ppb   |
| Bismuth    | 209-1 |           |           |           | 105        |         | %     |
| Bismuth    | 209-2 |           |           |           | 96         |         | %     |
| Boron      | 11-1  | 4.55      | 4.74      | 4.67      | 4.65       | 2.03    | ppb   |
| Boron      | 10-1  | 5.41      | 4.99      | 4.91      | 5.10       | 5.24    | ppb   |
| Cadmium    | 106-1 | -1.29     | -1.06     | -1.16     | -1.17      |         | ppb   |
| Cadmium    | 108-1 | 8.65      | 7.96      | 8.81      | 8.47       | 5.33    | ppb   |
| Cadmium    | 111-1 | 0.22      | 0.25      | 0.21      | 0.23       | 9.89    | ppb   |
| Calcium    | 43-1  | 104859.13 | 101634.02 | 102145.20 | 102879.45  | 1.68    | ppb   |
| Calcium    | 44-1  | 102623.22 | 99827.09  | 100377.27 | 100942.53  | 1.47    | ppb   |
| Chromium   | 52-2  | 25.79     | 23.51     | 24.27     | 24.52      | 4.73    | ppb   |
| Cobalt     | 59-2  | 1.44      | 1.30      | 1.31      | 1.35       | 5.95    | ppb   |
| Copper     | 63-2  | 8.26      | 7.95      | 7.93      | 8.04       | 2.31    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 107        |         | %     |
| Holmium    | 165-2 |           |           |           | 101        |         | %     |
| Indium     | 115-1 |           |           |           | 99         |         | %     |
| Indium     | 115-2 |           |           |           | 90         |         | %     |
| Iron       | 56-2  | 106877.76 | 99704.30  | 99221.34  | 101934.47  | 4.21    | ppb   |
| Iron       | 57-2  | 108147.70 | 98512.91  | 98104.34  | 101588.32  | 5.60    | ppb   |
| Krypton    | 83-1  | -4284.43  | -5568.83  | 9212.85   | -213.47    |         | ppb   |
| Lead       | 207-1 | 4.45      | 4.27      | 4.41      | 4.38       | 2.12    | ppb   |
| Lead       | 208-1 | 4.67      | 4.54      | 4.61      | 4.61       | 1.35    | ppb   |
| Lead       | 206-1 | 5.17      | 4.95      | 5.00      | 5.04       | 2.36    | ppb   |
| Lithium    | 6-1   |           |           |           | 93         |         | %     |
| Magnesium  | 24-2  | 106857.88 | 101630.92 | 100821.98 | 103103.59  | 3.18    | ppb   |

|                         |                     |                   |             |
|-------------------------|---------------------|-------------------|-------------|
| LB Number :             | LB98566             | Operator :        | Jaswal      |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P8          |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1           |
| Date & Time Acquired :: | 2018-10-11 13:28:27 | DataFile Name :   | 017ICSA01.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 8.87      | 7.73      | 8.13     | 8.24       | 7.03    | ppb   |
| Molybdenum | 94-1  | 1426.43   | 1403.78   | 1415.89  | 1415.37    | 0.80    | ppb   |
| Molybdenum | 95-1  | 2019.90   | 1964.78   | 2000.29  | 1994.99    | 1.40    | ppb   |
| Molybdenum | 96-1  | 1945.97   | 1910.10   | 1935.71  | 1930.59    | 0.96    | ppb   |
| Molybdenum | 97-1  | 2033.58   | 1995.65   | 2014.03  | 2014.42    | 0.94    | ppb   |
| Molybdenum | 98-1  | 2020.81   | 2002.49   | 2013.10  | 2012.14    | 0.46    | ppb   |
| Neodymium  | 150-1 |           |           |          |            |         | cps   |
| Neodymium  | 150-2 |           |           |          |            |         | cps   |
| Nickel     | 60-2  | 8.79      | 7.67      | 8.26     | 8.24       | 6.79    | ppb   |
| Phosphorus | 31-2  | 109374.56 | 100033.63 | 98916.85 | 102775.01  | 5.59    | ppb   |
| Potassium  | 39-2  | 106982.36 | 99841.20  | 97800.27 | 101541.27  | 4.75    | ppb   |
| Rhodium    | 103-1 |           |           |          | 94         |         | %     |
| Rhodium    | 103-2 |           |           |          | 90         |         | %     |
| Scandium   | 45-1  |           |           |          | 89         |         | %     |
| Scandium   | 45-2  |           |           |          | 84         |         | %     |
| Selenium   | 77-2  | 0.00      | 0.00      | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.23     | 0.56      | 0.55     | 0.29       | 156.16  | ppb   |
| Selenium   | 82-1  | 0.25      | 0.32      | 0.22     | 0.26       | 19.14   | ppb   |
| Silicon    | 28-1  | 27.31     | 23.93     | 25.23    | 25.49      | 6.69    | ppb   |
| Silver     | 109-1 | 0.06      | 0.07      | 0.07     | 0.07       | 7.99    | ppb   |
| Silver     | 107-1 | 0.06      | 0.06      | 0.08     | 0.07       | 16.84   | ppb   |
| Sodium     | 23-2  | 106141.22 | 100488.37 | 99576.47 | 102068.69  | 3.48    | ppb   |
| Strontium  | 86-1  | 35.00     | 34.50     | 34.74    | 34.75      | 0.72    | ppb   |
| Strontium  | 88-1  | 35.33     | 34.47     | 35.32    | 35.04      | 1.41    | ppb   |
| Sulfur     | 34-1  | 88981.56  | 85546.70  | 85772.07 | 86766.78   | 2.21    | ppb   |
| Terbium    | 159-1 |           |           |          | 107        |         | %     |
| Terbium    | 159-2 |           |           |          | 101        |         | %     |
| Thallium   | 203-1 | 0.06      | 0.08      | 0.07     | 0.07       | 14.22   | ppb   |
| Thallium   | 205-1 | 0.08      | 0.08      | 0.11     | 0.09       | 17.30   | ppb   |
| Tin        | 118-1 | 0.19      | 0.18      | 0.18     | 0.18       | 2.53    | ppb   |
| Titanium   | 47-1  | 2140.41   | 2069.87   | 2111.54  | 2107.27    | 1.68    | ppb   |
| Uranium    | 238-1 | 0.02      | 0.02      | 0.02     | 0.02       | 7.02    | ppb   |
| Vanadium   | 51-2  | 0.17      | 0.12      | 0.18     | 0.16       | 22.27   | ppb   |
| Yttrium    | 89-1  |           |           |          | 97         |         | %     |
| Yttrium    | 89-2  |           |           |          | 89         |         | %     |
| Zinc       | 66-2  | 13.11     | 12.76     | 12.77    | 12.88      | 1.54    | ppb   |

|                         |                     |                   |             |
|-------------------------|---------------------|-------------------|-------------|
| LB Number :             | LB98566             | Operator :        | Jaswal      |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P8          |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1           |
| Date & Time Acquired :: | 2018-10-11 13:28:27 | DataFile Name :   | 017ICSA01.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.30    | 0.25    | 0.22    | 0.26       | 16.23   | ppb   |
| Zirconium | 91-1 | 0.32    | 0.28    | 0.22    | 0.27       | 18.73   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 13:36:26 | DataFile Name :   | 019ICSB.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 83651.22 | 86934.31 | 87056.51 | 85880.68   | 2.25    | ppb   |
| Antimony   | 121-1 | 20.17    | 20.50    | 20.61    | 20.43      | 1.12    | ppb   |
| Arsenic    | 75-2  | 18.14    | 20.24    | 19.88    | 19.42      | 5.79    | ppb   |
| Barium     | 135-1 | 21.42    | 21.15    | 21.90    | 21.49      | 1.78    | ppb   |
| Barium     | 137-1 | 21.49    | 21.49    | 21.70    | 21.56      | 0.56    | ppb   |
| Beryllium  | 9-1   | 20.88    | 20.04    | 20.34    | 20.42      | 2.10    | ppb   |
| Bismuth    | 209-1 |          |          |          | 107        |         | %     |
| Bismuth    | 209-2 |          |          |          | 99         |         | %     |
| Boron      | 11-1  | 617.51   | 603.93   | 596.65   | 606.03     | 1.75    | ppb   |
| Boron      | 10-1  | 617.71   | 614.57   | 602.18   | 611.49     | 1.34    | ppb   |
| Cadmium    | 106-1 | 16.87    | 15.37    | 16.21    | 16.15      | 4.66    | ppb   |
| Cadmium    | 108-1 | 27.52    | 27.12    | 26.76    | 27.13      | 1.39    | ppb   |
| Cadmium    | 111-1 | 19.39    | 19.07    | 19.68    | 19.38      | 1.56    | ppb   |
| Calcium    | 43-1  | 98862.15 | 96307.71 | 97868.73 | 97679.53   | 1.32    | ppb   |
| Calcium    | 44-1  | 97215.57 | 95291.87 | 96010.04 | 96172.49   | 1.01    | ppb   |
| Chromium   | 52-2  | 44.99    | 45.98    | 45.68    | 45.55      | 1.12    | ppb   |
| Cobalt     | 59-2  | 19.96    | 21.53    | 20.97    | 20.82      | 3.81    | ppb   |
| Copper     | 63-2  | 26.48    | 27.41    | 27.45    | 27.11      | 2.03    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 110        |         | %     |
| Holmium    | 165-2 |          |          |          | 104        |         | %     |
| Indium     | 115-1 |          |          |          | 101        |         | %     |
| Indium     | 115-2 |          |          |          | 91         |         | %     |
| Iron       | 56-2  | 93396.21 | 97670.62 | 97294.92 | 96120.58   | 2.46    | ppb   |
| Iron       | 57-2  | 92568.82 | 95660.00 | 96502.40 | 94910.41   | 2.18    | ppb   |
| Krypton    | 83-1  | 10942.32 | -6388.33 | 3597.27  | 2717.08    | 320.15  | ppb   |
| Lead       | 207-1 | 22.92    | 22.95    | 22.80    | 22.89      | 0.34    | ppb   |
| Lead       | 208-1 | 23.90    | 23.82    | 23.77    | 23.83      | 0.27    | ppb   |
| Lead       | 206-1 | 25.27    | 24.90    | 25.12    | 25.10      | 0.75    | ppb   |
| Lithium    | 6-1   |          |          |          | 94         |         | %     |
| Magnesium  | 24-2  | 94398.33 | 98769.88 | 97896.53 | 97021.58   | 2.38    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 13:36:26 | DataFile Name :   | 019ICSB.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 25.84    | 29.28    | 29.53    | 28.22      | 7.30    | ppb   |
| Molybdenum | 94-1  | 1676.51  | 1664.74  | 1669.96  | 1670.40    | 0.35    | ppb   |
| Molybdenum | 95-1  | 2407.14  | 2355.25  | 2378.63  | 2380.34    | 1.09    | ppb   |
| Molybdenum | 96-1  | 2301.46  | 2296.22  | 2285.85  | 2294.51    | 0.35    | ppb   |
| Molybdenum | 97-1  | 2401.18  | 2388.70  | 2393.67  | 2394.51    | 0.26    | ppb   |
| Molybdenum | 98-1  | 2373.13  | 2389.10  | 2370.11  | 2377.45    | 0.43    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 28.56    | 29.39    | 29.93    | 29.29      | 2.35    | ppb   |
| Phosphorus | 31-2  | 91835.71 | 97675.15 | 98271.16 | 95927.34   | 3.71    | ppb   |
| Potassium  | 39-2  | 93295.70 | 97980.98 | 96392.41 | 95889.70   | 2.48    | ppb   |
| Rhodium    | 103-1 |          |          |          | 96         |         | %     |
| Rhodium    | 103-2 |          |          |          | 92         |         | %     |
| Scandium   | 45-1  |          |          |          | 92         |         | %     |
| Scandium   | 45-2  |          |          |          | 86         |         | %     |
| Selenium   | 77-2  | 36.12    | 23.21    | 4.69     | 21.34      | 74.04   | ppb   |
| Selenium   | 78-2  | 19.65    | 23.35    | 18.04    | 20.34      | 13.37   | ppb   |
| Selenium   | 82-1  | 19.33    | 20.37    | 19.58    | 19.76      | 2.76    | ppb   |
| Silicon    | 28-1  | 511.84   | 499.11   | 500.01   | 503.65     | 1.41    | ppb   |
| Silver     | 109-1 | 18.82    | 18.64    | 18.94    | 18.80      | 0.80    | ppb   |
| Silver     | 107-1 | 18.87    | 18.88    | 18.96    | 18.90      | 0.26    | ppb   |
| Sodium     | 23-2  | 93117.98 | 97885.29 | 97404.11 | 96135.79   | 2.73    | ppb   |
| Strontium  | 86-1  | 33.37    | 32.49    | 32.94    | 32.93      | 1.34    | ppb   |
| Strontium  | 88-1  | 33.90    | 33.29    | 33.41    | 33.53      | 0.96    | ppb   |
| Sulfur     | 34-1  | 82419.51 | 80509.99 | 81356.90 | 81428.80   | 1.18    | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 104        |         | %     |
| Thallium   | 203-1 | 19.98    | 19.64    | 19.68    | 19.77      | 0.92    | ppb   |
| Thallium   | 205-1 | 20.03    | 20.09    | 20.10    | 20.08      | 0.19    | ppb   |
| Tin        | 118-1 | 487.95   | 486.75   | 486.84   | 487.18     | 0.14    | ppb   |
| Titanium   | 47-1  | 2495.88  | 2474.07  | 2461.26  | 2477.07    | 0.71    | ppb   |
| Uranium    | 238-1 | 0.02     | 0.02     | 0.02     | 0.02       | 12.18   | ppb   |
| Vanadium   | 51-2  | 19.03    | 19.50    | 20.19    | 19.58      | 2.98    | ppb   |
| Yttrium    | 89-1  |          |          |          | 100        |         | %     |
| Yttrium    | 89-2  |          |          |          | 91         |         | %     |
| Zinc       | 66-2  | 30.48    | 31.87    | 32.33    | 31.56      | 3.05    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 13:36:26 | DataFile Name :   | 019ICSB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.29    | 0.25    | 0.23    | 0.26       | 11.62   | ppb   |
| Zirconium | 91-1 | 0.37    | 0.25    | 0.23    | 0.29       | 26.28   | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB98566             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV92               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV92               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-10-11 13:39:44 | DataFile Name :   | 020CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 51004.66  | 48927.51  | 51142.02  | 50358.06   | 2.46    | ppb   |
| Antimony   | 121-1 | 512.12    | 519.00    | 520.13    | 517.08     | 0.84    | ppb   |
| Arsenic    | 75-2  | 496.64    | 473.64    | 503.46    | 491.25     | 3.18    | ppb   |
| Barium     | 135-1 | 2608.42   | 2613.80   | 2610.21   | 2610.81    | 0.11    | ppb   |
| Barium     | 137-1 | 2576.09   | 2575.57   | 2616.13   | 2589.26    | 0.90    | ppb   |
| Beryllium  | 9-1   | 532.87    | 530.00    | 533.06    | 531.98     | 0.32    | ppb   |
| Bismuth    | 209-1 |           |           |           | 103        |         | %     |
| Bismuth    | 209-2 |           |           |           | 97         |         | %     |
| Boron      | 11-1  | 527.94    | 538.42    | 550.92    | 539.09     | 2.13    | ppb   |
| Boron      | 10-1  | 530.88    | 539.84    | 549.78    | 540.16     | 1.75    | ppb   |
| Cadmium    | 106-1 | 500.14    | 506.14    | 507.90    | 504.72     | 0.81    | ppb   |
| Cadmium    | 108-1 | 502.68    | 508.48    | 505.71    | 505.62     | 0.57    | ppb   |
| Cadmium    | 111-1 | 497.12    | 498.70    | 503.07    | 499.63     | 0.62    | ppb   |
| Calcium    | 43-1  | 250156.34 | 245758.51 | 249144.43 | 248353.09  | 0.93    | ppb   |
| Calcium    | 44-1  | 249630.80 | 247402.07 | 249929.24 | 248987.37  | 0.55    | ppb   |
| Chromium   | 52-2  | 524.03    | 502.59    | 529.46    | 518.69     | 2.74    | ppb   |
| Cobalt     | 59-2  | 492.97    | 473.67    | 500.70    | 489.11     | 2.85    | ppb   |
| Copper     | 63-2  | 972.71    | 912.46    | 967.57    | 950.91     | 3.51    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 107        |         | %     |
| Holmium    | 165-2 |           |           |           | 103        |         | %     |
| Indium     | 115-1 |           |           |           | 97         |         | %     |
| Indium     | 115-2 |           |           |           | 90         |         | %     |
| Iron       | 56-2  | 122336.46 | 117681.46 | 124168.71 | 121395.54  | 2.75    | ppb   |
| Iron       | 57-2  | 121828.06 | 117693.51 | 124047.92 | 121189.83  | 2.66    | ppb   |
| Krypton    | 83-1  | -7549.13  | -20518.31 | -3229.74  | -10432.39  |         | ppb   |
| Lead       | 207-1 | 525.31    | 525.32    | 527.44    | 526.02     | 0.23    | ppb   |
| Lead       | 208-1 | 522.85    | 517.62    | 523.36    | 521.27     | 0.61    | ppb   |
| Lead       | 206-1 | 526.15    | 521.77    | 522.63    | 523.52     | 0.44    | ppb   |
| Lithium    | 6-1   |           |           |           | 92         |         | %     |
| Magnesium  | 24-2  | 241317.17 | 230478.21 | 245445.12 | 239080.17  | 3.23    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB98566             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV92               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV92               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-10-11 13:39:44 | DataFile Name :   | 020CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 1012.48   | 965.42    | 1027.66   | 1001.85    | 3.24    | ppb   |
| Molybdenum | 94-1  | 2574.01   | 2545.78   | 2609.17   | 2576.32    | 1.23    | ppb   |
| Molybdenum | 95-1  | 2592.71   | 2530.01   | 2601.11   | 2574.61    | 1.51    | ppb   |
| Molybdenum | 96-1  | 2605.99   | 2530.12   | 2608.63   | 2581.58    | 1.73    | ppb   |
| Molybdenum | 97-1  | 2581.07   | 2519.56   | 2591.78   | 2564.13    | 1.52    | ppb   |
| Molybdenum | 98-1  | 2597.63   | 2515.44   | 2580.29   | 2564.45    | 1.69    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 504.39    | 480.15    | 511.07    | 498.54     | 3.26    | ppb   |
| Phosphorus | 31-2  | 10215.59  | 10228.02  | 10480.41  | 10308.01   | 1.45    | ppb   |
| Potassium  | 39-2  | 123326.11 | 118186.62 | 124326.93 | 121946.55  | 2.70    | ppb   |
| Rhodium    | 103-1 |           |           |           | 92         |         | %     |
| Rhodium    | 103-2 |           |           |           | 90         |         | %     |
| Scandium   | 45-1  |           |           |           | 91         |         | %     |
| Scandium   | 45-2  |           |           |           | 90         |         | %     |
| Selenium   | 77-2  | 602.79    | 470.17    | 488.69    | 520.55     | 13.80   | ppb   |
| Selenium   | 78-2  | 503.99    | 514.35    | 518.50    | 512.28     | 1.46    | ppb   |
| Selenium   | 82-1  | 506.20    | 495.99    | 505.69    | 502.63     | 1.14    | ppb   |
| Silicon    | 28-1  | 570.32    | 559.52    | 572.36    | 567.40     | 1.22    | ppb   |
| Silver     | 109-1 | 512.98    | 511.10    | 511.10    | 511.73     | 0.21    | ppb   |
| Silver     | 107-1 | 511.25    | 508.85    | 508.51    | 509.54     | 0.29    | ppb   |
| Sodium     | 23-2  | 243152.80 | 234490.69 | 246634.09 | 241425.86  | 2.59    | ppb   |
| Strontium  | 86-1  | 513.27    | 502.34    | 513.09    | 509.56     | 1.23    | ppb   |
| Strontium  | 88-1  | 523.49    | 509.05    | 523.23    | 518.59     | 1.59    | ppb   |
| Sulfur     | 34-1  | 9917.47   | 9375.16   | 9917.47   | 9736.70    | 3.22    | ppb   |
| Terbium    | 159-1 |           |           |           | 106        |         | %     |
| Terbium    | 159-2 |           |           |           | 102        |         | %     |
| Thallium   | 203-1 | 523.96    | 516.67    | 526.36    | 522.33     | 0.97    | ppb   |
| Thallium   | 205-1 | 515.66    | 513.26    | 518.45    | 515.79     | 0.50    | ppb   |
| Tin        | 118-1 | 517.50    | 519.35    | 523.67    | 520.17     | 0.61    | ppb   |
| Titanium   | 47-1  | 2613.77   | 2573.86   | 2637.93   | 2608.52    | 1.24    | ppb   |
| Uranium    | 238-1 | 518.02    | 515.60    | 521.68    | 518.43     | 0.59    | ppb   |
| Vanadium   | 51-2  | 507.11    | 488.44    | 512.95    | 502.83     | 2.55    | ppb   |
| Yttrium    | 89-1  |           |           |           | 98         |         | %     |
| Yttrium    | 89-2  |           |           |           | 91         |         | %     |
| Zinc       | 66-2  | 959.51    | 936.47    | 975.94    | 957.31     | 2.07    | ppb   |



|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB98566             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV92               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV92               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-10-11 13:39:44 | DataFile Name :   | 020CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 518.10  | 515.60  | 519.87  | 517.86     | 0.41    | ppb   |
| Zirconium | 91-1 | 525.96  | 512.68  | 531.91  | 523.52     | 1.88    | ppb   |

LB Number : LB98566 Operator : Jaswal  
 Lab Sample ID : CCB92 Instrumnet Name : P8  
 Client Sample ID : CCB92 Dilution Factor : 1  
 Date & Time Acquired :: 2018-10-11 13:42:55 DataFile Name : 021CCBE.d

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 1.28     | 1.71    | 1.62     | 1.54       | 14.72   | ppb   |
| Antimony   | 121-1 | 1.09     | 1.05    | 0.99     | 1.04       | 4.94    | ppb   |
| Arsenic    | 75-2  | 0.08     | 0.05    | 0.08     | 0.07       | 28.51   | ppb   |
| Barium     | 135-1 | 0.10     | 0.11    | 0.04     | 0.08       | 44.16   | ppb   |
| Barium     | 137-1 | 0.13     | 0.07    | 0.04     | 0.08       | 55.71   | ppb   |
| Beryllium  | 9-1   | 0.25     | 0.26    | 0.21     | 0.24       | 11.43   | ppb   |
| Bismuth    | 209-1 |          |         |          | 111        |         | %     |
| Bismuth    | 209-2 |          |         |          | 105        |         | %     |
| Boron      | 11-1  | 19.55    | 16.94   | 16.97    | 17.82      | 8.41    | ppb   |
| Boron      | 10-1  | 19.27    | 17.89   | 17.78    | 18.31      | 4.53    | ppb   |
| Cadmium    | 106-1 | -1.00    | -0.07   | -0.25    | -0.44      |         | ppb   |
| Cadmium    | 108-1 | 0.01     | 0.04    | 0.18     | 0.08       | 118.65  | ppb   |
| Cadmium    | 111-1 | -0.02    | 0.02    | 0.00     | 0.00       | 654.36  | ppb   |
| Calcium    | 43-1  | 1.72     | 4.18    | -0.11    | 1.93       | 111.75  | ppb   |
| Calcium    | 44-1  | 7.83     | 6.01    | 0.56     | 4.80       | 78.77   | ppb   |
| Chromium   | 52-2  | 0.10     | 0.08    | 0.05     | 0.08       | 27.43   | ppb   |
| Cobalt     | 59-2  | 0.01     | 0.00    | 0.00     | 0.01       | 103.09  | ppb   |
| Copper     | 63-2  | 0.05     | 0.10    | 0.02     | 0.06       | 66.77   | 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 |          |         |          | 109        |         | %     |
| Holmium    | 165-2 |          |         |          | 105        |         | %     |
| Indium     | 115-1 |          |         |          | 104        |         | %     |
| Indium     | 115-2 |          |         |          | 97         |         | %     |
| Iron       | 56-2  | 6.59     | 6.21    | 5.53     | 6.11       | 8.80    | ppb   |
| Iron       | 57-2  | 6.53     | 6.63    | 7.93     | 7.03       | 11.12   | ppb   |
| Krypton    | 83-1  | -4040.59 | 818.40  | -7946.32 | -3722.84   |         | ppb   |
| Lead       | 207-1 | 0.06     | 0.06    | 0.06     | 0.06       | 6.02    | ppb   |
| Lead       | 208-1 | 0.08     | 0.07    | 0.07     | 0.07       | 9.73    | ppb   |
| Lead       | 206-1 | 0.07     | 0.07    | 0.07     | 0.07       | 4.27    | ppb   |
| Lithium    | 6-1   |          |         |          | 97         |         | %     |
| Magnesium  | 24-2  | 5.16     | 9.58    | 7.52     | 7.42       | 29.80   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB92               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB92               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 13:42:55 | DataFile Name :   | 021CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|----------|------------|---------|-------|
| Manganese  | 55-2  | 0.12     | 0.06    | 0.05     | 0.08       | 50.54   | ppb   |
| Molybdenum | 94-1  | 1.05     | 0.95    | 0.74     | 0.91       | 17.14   | ppb   |
| Molybdenum | 95-1  | 1.09     | 0.97    | 0.81     | 0.96       | 14.94   | ppb   |
| Molybdenum | 96-1  | 1.11     | 0.93    | 0.81     | 0.95       | 15.73   | ppb   |
| Molybdenum | 97-1  | 1.25     | 0.94    | 0.86     | 1.01       | 20.47   | ppb   |
| Molybdenum | 98-1  | 1.12     | 0.91    | 0.91     | 0.98       | 12.48   | ppb   |
| Neodymium  | 150-1 |          |         |          |            |         | cps   |
| Neodymium  | 150-2 |          |         |          |            |         | cps   |
| Nickel     | 60-2  | 0.28     | 0.21    | 0.26     | 0.25       | 14.10   | ppb   |
| Phosphorus | 31-2  | 36.41    | -6.08   | -6.08    | 8.09       | 303.35  | ppb   |
| Potassium  | 39-2  | 21.43    | 37.95   | 26.08    | 28.49      | 29.90   | ppb   |
| Rhodium    | 103-1 |          |         |          | 100        |         | %     |
| Rhodium    | 103-2 |          |         |          | 98         |         | %     |
| Scandium   | 45-1  |          |         |          | 93         |         | %     |
| Scandium   | 45-2  |          |         |          | 89         |         | %     |
| Selenium   | 77-2  | 0.00     | 4.51    | 0.00     | 1.50       | 173.21  | ppb   |
| Selenium   | 78-2  | 1.29     | 0.53    | 1.29     | 1.04       | 42.45   | ppb   |
| Selenium   | 82-1  | 0.26     | -0.01   | 0.27     | 0.17       | 92.28   | ppb   |
| Silicon    | 28-1  | -7.18    | -7.21   | -8.36    | -7.58      |         | ppb   |
| Silver     | 109-1 | 0.06     | 0.07    | 0.04     | 0.06       | 22.50   | ppb   |
| Silver     | 107-1 | 0.07     | 0.07    | 0.06     | 0.07       | 15.24   | ppb   |
| Sodium     | 23-2  | 78.92    | 67.52   | 62.47    | 69.64      | 12.10   | ppb   |
| Strontium  | 86-1  | 0.01     | -0.02   | 0.02     | 0.00       | 713.86  | ppb   |
| Strontium  | 88-1  | 0.03     | 0.02    | 0.02     | 0.02       | 37.20   | ppb   |
| Sulfur     | 34-1  | -1073.69 | -962.53 | -1128.34 | -1054.85   |         | ppb   |
| Terbium    | 159-1 |          |         |          | 107        |         | %     |
| Terbium    | 159-2 |          |         |          | 104        |         | %     |
| Thallium   | 203-1 | 0.16     | 0.17    | 0.14     | 0.16       | 9.24    | ppb   |
| Thallium   | 205-1 | 0.18     | 0.17    | 0.14     | 0.17       | 12.12   | ppb   |
| Tin        | 118-1 | 0.30     | 0.28    | 0.42     | 0.33       | 21.68   | ppb   |
| Titanium   | 47-1  | 0.21     | 0.22    | 0.20     | 0.21       | 5.22    | ppb   |
| Uranium    | 238-1 | 0.03     | 0.02    | 0.02     | 0.02       | 26.78   | ppb   |
| Vanadium   | 51-2  | 0.01     | 0.01    | -0.01    | 0.01       | 189.21  | ppb   |
| Yttrium    | 89-1  |          |         |          | 100        |         | %     |
| Yttrium    | 89-2  |          |         |          | 93         |         | %     |
| Zinc       | 66-2  | 0.10     | 0.04    | 0.03     | 0.06       | 68.34   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB92               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB92               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 13:42:55 | DataFile Name :   | 021CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.11    | 0.11    | 0.10    | 0.11       | 5.67    | ppb   |
| Zirconium | 91-1 | 0.11    | 0.13    | 0.13    | 0.12       | 9.05    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 13:46:19 | DataFile Name :   | 022LLCC.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 24.62    | 23.03    | 23.77    | 23.81      | 3.33    | ppb   |
| Antimony   | 121-1 | 2.24     | 2.10     | 2.38     | 2.24       | 6.22    | ppb   |
| Arsenic    | 75-2  | 1.03     | 1.13     | 1.00     | 1.05       | 6.48    | ppb   |
| Barium     | 135-1 | 9.65     | 9.70     | 10.32    | 9.89       | 3.74    | ppb   |
| Barium     | 137-1 | 9.96     | 9.75     | 10.56    | 10.09      | 4.17    | ppb   |
| Beryllium  | 9-1   | 1.15     | 1.21     | 1.21     | 1.19       | 3.16    | ppb   |
| Bismuth    | 209-1 |          |          |          | 109        |         | %     |
| Bismuth    | 209-2 |          |          |          | 104        |         | %     |
| Boron      | 11-1  | 30.98    | 30.48    | 33.89    | 31.78      | 5.80    | ppb   |
| Boron      | 10-1  | 30.02    | 32.29    | 32.32    | 31.54      | 4.18    | ppb   |
| Cadmium    | 106-1 | 0.59     | 0.42     | 0.86     | 0.62       | 35.58   | ppb   |
| Cadmium    | 108-1 | 0.98     | 1.26     | 0.83     | 1.03       | 21.39   | ppb   |
| Cadmium    | 111-1 | 0.95     | 1.00     | 0.99     | 0.98       | 2.75    | ppb   |
| Calcium    | 43-1  | 460.46   | 464.55   | 501.94   | 475.65     | 4.81    | ppb   |
| Calcium    | 44-1  | 468.44   | 480.15   | 509.08   | 485.89     | 4.31    | ppb   |
| Chromium   | 52-2  | 2.26     | 2.06     | 2.17     | 2.16       | 4.51    | ppb   |
| Cobalt     | 59-2  | 1.00     | 0.99     | 1.05     | 1.01       | 3.24    | ppb   |
| Copper     | 63-2  | 2.05     | 2.05     | 1.91     | 2.01       | 3.94    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 106        |         | %     |
| Holmium    | 165-2 |          |          |          | 104        |         | %     |
| Indium     | 115-1 |          |          |          | 101        |         | %     |
| Indium     | 115-2 |          |          |          | 97         |         | %     |
| Iron       | 56-2  | 52.50    | 52.88    | 51.46    | 52.28      | 1.41    | ppb   |
| Iron       | 57-2  | 50.62    | 47.47    | 50.86    | 49.65      | 3.81    | ppb   |
| Krypton    | 83-1  | -5579.17 | -8571.47 | -5252.19 | -6467.61   |         | ppb   |
| Lead       | 207-1 | 0.99     | 1.03     | 1.01     | 1.01       | 1.91    | ppb   |
| Lead       | 208-1 | 1.02     | 1.03     | 1.09     | 1.05       | 3.70    | ppb   |
| Lead       | 206-1 | 1.02     | 1.00     | 1.13     | 1.05       | 6.62    | ppb   |
| Lithium    | 6-1   |          |          |          | 96         |         | %     |
| Magnesium  | 24-2  | 502.76   | 521.29   | 499.45   | 507.83     | 2.32    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 13:46:19 | DataFile Name :   | 022LLCC.d |

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.87     | 1.17    | 1.18    | 1.08       | 16.21   | ppb   |
| Molybdenum | 94-1  | 5.42     | 5.44    | 5.45    | 5.44       | 0.32    | ppb   |
| Molybdenum | 95-1  | 5.28     | 5.26    | 5.58    | 5.37       | 3.28    | ppb   |
| Molybdenum | 96-1  | 5.23     | 5.15    | 5.36    | 5.25       | 2.08    | ppb   |
| Molybdenum | 97-1  | 5.14     | 5.15    | 5.40    | 5.23       | 2.76    | ppb   |
| Molybdenum | 98-1  | 5.26     | 5.16    | 5.47    | 5.30       | 3.00    | ppb   |
| Neodymium  | 150-1 |          |         |         |            |         | cps   |
| Neodymium  | 150-2 |          |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.20     | 1.30    | 1.11    | 1.20       | 7.80    | ppb   |
| Phosphorus | 31-2  | -6.08    | -6.08   | 15.07   | 0.97       | 1253.68 | ppb   |
| Potassium  | 39-2  | 497.18   | 479.59  | 499.25  | 492.01     | 2.20    | ppb   |
| Rhodium    | 103-1 |          |         |         | 99         |         | %     |
| Rhodium    | 103-2 |          |         |         | 98         |         | %     |
| Scandium   | 45-1  |          |         |         | 91         |         | %     |
| Scandium   | 45-2  |          |         |         | 90         |         | %     |
| Selenium   | 77-2  | 4.48     | 4.48    | 0.00    | 2.99       | 86.60   | ppb   |
| Selenium   | 78-2  | 7.36     | 5.08    | 1.28    | 4.58       | 67.10   | ppb   |
| Selenium   | 82-1  | 5.21     | 4.63    | 6.10    | 5.31       | 13.96   | ppb   |
| Silicon    | 28-1  | 6.12     | 6.96    | 11.26   | 8.12       | 33.93   | ppb   |
| Silver     | 109-1 | 1.06     | 1.07    | 1.11    | 1.08       | 2.06    | ppb   |
| Silver     | 107-1 | 1.03     | 0.99    | 1.13    | 1.05       | 6.66    | ppb   |
| Sodium     | 23-2  | 527.20   | 531.22  | 530.85  | 529.76     | 0.42    | ppb   |
| Strontium  | 86-1  | 0.95     | 0.90    | 1.04    | 0.96       | 7.19    | ppb   |
| Strontium  | 88-1  | 1.01     | 1.01    | 1.07    | 1.03       | 3.56    | ppb   |
| Sulfur     | 34-1  | -1066.96 | -860.01 | -236.00 | -720.99    |         | ppb   |
| Terbium    | 159-1 |          |         |         | 105        |         | %     |
| Terbium    | 159-2 |          |         |         | 105        |         | %     |
| Thallium   | 203-1 | 1.07     | 1.08    | 1.03    | 1.06       | 2.14    | ppb   |
| Thallium   | 205-1 | 1.05     | 1.02    | 1.09    | 1.05       | 3.22    | ppb   |
| Tin        | 118-1 | 5.02     | 4.97    | 5.33    | 5.10       | 3.83    | ppb   |
| Titanium   | 47-1  | 5.14     | 4.92    | 5.39    | 5.15       | 4.53    | ppb   |
| Uranium    | 238-1 | 0.94     | 0.95    | 1.02    | 0.97       | 4.85    | ppb   |
| Vanadium   | 51-2  | 4.84     | 4.93    | 5.27    | 5.02       | 4.47    | ppb   |
| Yttrium    | 89-1  |          |         |         | 98         |         | %     |
| Yttrium    | 89-2  |          |         |         | 94         |         | %     |
| Zinc       | 66-2  | 2.42     | 2.59    | 2.72    | 2.58       | 5.89    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 13:46:19 | DataFile Name :   | 022LLCC.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 1.16    | 1.14    | 1.19    | 1.17       | 2.11    | ppb   |
| Zirconium | 91-1 | 1.11    | 1.08    | 1.28    | 1.16       | 9.15    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB113662BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB113662BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 13:49:43 | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.12    | 0.52    | -0.70   | 0.65       | 219.02  | ppb   |
| Antimony   | 121-1 | 0.13    | 0.13    | 0.14    | 0.13       | 3.96    | ppb   |
| Arsenic    | 75-2  | 0.01    | -0.01   | 0.03    | 0.01       | 182.90  | ppb   |
| Barium     | 135-1 | 0.02    | -0.01   | 0.00    | 0.00       | 638.59  | ppb   |
| Barium     | 137-1 | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Beryllium  | 9-1   | 0.08    | 0.13    | 0.13    | 0.11       | 28.20   | ppb   |
| Bismuth    | 209-1 |         |         |         | 109        |         | %     |
| Bismuth    | 209-2 |         |         |         | 104        |         | %     |
| Boron      | 11-1  | 7.64    | 7.55    | 6.32    | 7.17       | 10.30   | ppb   |
| Boron      | 10-1  | 7.25    | 6.95    | 5.43    | 6.54       | 14.91   | ppb   |
| Cadmium    | 106-1 | -0.04   | -0.82   | -1.04   | -0.63      |         | ppb   |
| Cadmium    | 108-1 | 0.04    | -0.01   | -0.01   | 0.00       | 586.84  | ppb   |
| Cadmium    | 111-1 | 0.00    | -0.06   | -0.07   | -0.04      |         | ppb   |
| Calcium    | 43-1  | -5.63   | -0.73   | -5.03   | -3.80      |         | ppb   |
| Calcium    | 44-1  | -3.75   | -2.46   | -3.67   | -3.29      |         | ppb   |
| Chromium   | 52-2  | 0.01    | 0.06    | 0.06    | 0.04       | 57.84   | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.02    | -0.01   | 0.01       | 279.56  | ppb   |
| Copper     | 63-2  | 0.02    | 0.03    | -0.01   | 0.01       | 202.29  | 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 |         |         |         | 106        |         | %     |
| Holmium    | 165-2 |         |         |         | 104        |         | %     |
| Indium     | 115-1 |         |         |         | 102        |         | %     |
| Indium     | 115-2 |         |         |         | 97         |         | %     |
| Iron       | 56-2  | 2.10    | 2.31    | 2.28    | 2.23       | 5.01    | ppb   |
| Iron       | 57-2  | 4.29    | 0.74    | 5.14    | 3.39       | 68.92   | ppb   |
| Krypton    | 83-1  | 3974.91 | 4997.11 | 3487.51 | 4153.18    | 18.55   | ppb   |
| Lead       | 207-1 | 0.04    | 0.03    | 0.03    | 0.03       | 26.21   | ppb   |
| Lead       | 208-1 | 0.04    | 0.03    | 0.03    | 0.04       | 4.86    | ppb   |
| Lead       | 206-1 | 0.03    | 0.03    | 0.03    | 0.03       | 11.12   | ppb   |
| Lithium    | 6-1   |         |         |         | 96         |         | %     |
| Magnesium  | 24-2  | 9.33    | 4.10    | 4.31    | 5.91       | 50.12   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB113662BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB113662BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 13:49:43 | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.15     | 0.18    | 0.08    | 0.14       | 35.27   | ppb   |
| Molybdenum | 94-1  | 0.16     | 0.19    | 0.14    | 0.16       | 16.39   | ppb   |
| Molybdenum | 95-1  | 0.17     | 0.15    | 0.12    | 0.15       | 16.25   | ppb   |
| Molybdenum | 96-1  | 0.18     | 0.17    | 0.17    | 0.17       | 2.49    | ppb   |
| Molybdenum | 97-1  | 0.16     | 0.16    | 0.17    | 0.16       | 3.55    | ppb   |
| Molybdenum | 98-1  | 0.15     | 0.19    | 0.15    | 0.16       | 14.42   | ppb   |
| Neodymium  | 150-1 |          |         |         |            |         | cps   |
| Neodymium  | 150-2 |          |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.13     | 0.23    | 0.14    | 0.17       | 31.42   | ppb   |
| Phosphorus | 31-2  | 15.46    | 15.32   | -6.08   | 8.24       | 150.49  | ppb   |
| Potassium  | 39-2  | 25.10    | -0.23   | -11.19  | 4.56       | 408.49  | ppb   |
| Rhodium    | 103-1 |          |         |         | 100        |         | %     |
| Rhodium    | 103-2 |          |         |         | 98         |         | %     |
| Scandium   | 45-1  |          |         |         | 92         |         | %     |
| Scandium   | 45-2  |          |         |         | 89         |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.23    | 0.52    | -0.23   | 0.02       | 2515.42 | ppb   |
| Selenium   | 82-1  | -0.01    | 0.09    | -0.20   | -0.04      |         | ppb   |
| Silicon    | 28-1  | -10.11   | -7.13   | -9.40   | -8.88      |         | ppb   |
| Silver     | 109-1 | 0.02     | 0.03    | 0.01    | 0.02       | 31.50   | ppb   |
| Silver     | 107-1 | 0.02     | 0.03    | 0.01    | 0.02       | 49.47   | ppb   |
| Sodium     | 23-2  | 52.40    | 47.47   | 48.36   | 49.41      | 5.31    | ppb   |
| Strontium  | 86-1  | -0.05    | 0.02    | -0.06   | -0.03      |         | ppb   |
| Strontium  | 88-1  | 0.00     | 0.00    | 0.00    | 0.00       | 22.39   | ppb   |
| Sulfur     | 34-1  | -1030.29 | -395.99 | -700.42 | -708.90    |         | ppb   |
| Terbium    | 159-1 |          |         |         | 106        |         | %     |
| Terbium    | 159-2 |          |         |         | 105        |         | %     |
| Thallium   | 203-1 | 0.04     | 0.06    | 0.06    | 0.05       | 17.87   | ppb   |
| Thallium   | 205-1 | 0.06     | 0.05    | 0.05    | 0.05       | 11.46   | ppb   |
| Tin        | 118-1 | 0.05     | 0.06    | 0.06    | 0.06       | 8.58    | ppb   |
| Titanium   | 47-1  | 0.08     | 0.07    | 0.07    | 0.07       | 11.45   | ppb   |
| Uranium    | 238-1 | 0.00     | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.00     | 0.00    | 0.00    | 0.00       |         | ppb   |
| Yttrium    | 89-1  |          |         |         | 98         |         | %     |
| Yttrium    | 89-2  |          |         |         | 94         |         | %     |
| Zinc       | 66-2  | 0.16     | 0.02    | 0.07    | 0.08       | 88.92   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB113662BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB113662BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 13:49:43 | DataFile Name :   | 023SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.03    | 0.03    | 0.03    | 0.03       | 10.08   | ppb   |
| Zirconium | 91-1 | 0.02    | 0.03    | 0.06    | 0.03       | 55.50   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB113662BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB113662BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 13:53:06 | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9686.12  | 9012.05  | 9441.13  | 9379.77    | 3.64    | ppb   |
| Antimony   | 121-1 | 507.65   | 523.39   | 512.99   | 514.68     | 1.56    | ppb   |
| Arsenic    | 75-2  | 501.48   | 471.25   | 491.41   | 488.05     | 3.15    | ppb   |
| Barium     | 135-1 | 2572.50  | 2602.51  | 2569.83  | 2581.62    | 0.70    | ppb   |
| Barium     | 137-1 | 2518.36  | 2593.55  | 2558.58  | 2556.83    | 1.47    | ppb   |
| Beryllium  | 9-1   | 506.80   | 515.21   | 505.69   | 509.23     | 1.02    | ppb   |
| Bismuth    | 209-1 |          |          |          | 109        |         | %     |
| Bismuth    | 209-2 |          |          |          | 102        |         | %     |
| Boron      | 11-1  | 488.82   | 506.30   | 512.38   | 502.50     | 2.43    | ppb   |
| Boron      | 10-1  | 484.36   | 509.66   | 511.09   | 501.70     | 3.00    | ppb   |
| Cadmium    | 106-1 | 506.71   | 521.62   | 516.42   | 514.92     | 1.47    | ppb   |
| Cadmium    | 108-1 | 508.79   | 521.46   | 513.98   | 514.74     | 1.24    | ppb   |
| Cadmium    | 111-1 | 500.97   | 514.27   | 506.32   | 507.19     | 1.32    | ppb   |
| Calcium    | 43-1  | 49174.00 | 50934.39 | 50426.25 | 50178.21   | 1.81    | ppb   |
| Calcium    | 44-1  | 49308.24 | 50773.09 | 50042.79 | 50041.37   | 1.46    | ppb   |
| Chromium   | 52-2  | 511.48   | 479.64   | 500.13   | 497.08     | 3.25    | ppb   |
| Cobalt     | 59-2  | 505.24   | 475.54   | 494.80   | 491.86     | 3.06    | ppb   |
| Copper     | 63-2  | 1013.83  | 959.06   | 1011.70  | 994.86     | 3.12    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 109        |         | %     |
| Holmium    | 165-2 |          |          |          | 105        |         | %     |
| Indium     | 115-1 |          |          |          | 101        |         | %     |
| Indium     | 115-2 |          |          |          | 93         |         | %     |
| Iron       | 56-2  | 25503.33 | 23919.23 | 24827.04 | 24749.86   | 3.21    | ppb   |
| Iron       | 57-2  | 24950.89 | 23628.55 | 24531.61 | 24370.35   | 2.77    | ppb   |
| Krypton    | 83-1  | -3416.49 | -7505.12 | -4396.79 | -5106.14   |         | ppb   |
| Lead       | 207-1 | 499.21   | 529.60   | 502.88   | 510.56     | 3.25    | ppb   |
| Lead       | 208-1 | 498.23   | 522.83   | 501.07   | 507.38     | 2.65    | ppb   |
| Lead       | 206-1 | 502.50   | 522.81   | 503.29   | 509.53     | 2.26    | ppb   |
| Lithium    | 6-1   |          |          |          | 97         |         | %     |
| Magnesium  | 24-2  | 52311.37 | 49171.76 | 51498.51 | 50993.88   | 3.20    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB113662BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB113662BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 13:53:06 | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 1025.07  | 951.36   | 1004.38  | 993.61     | 3.83    | ppb   |
| Molybdenum | 94-1  | 2454.17  | 2557.75  | 2478.85  | 2496.92    | 2.17    | ppb   |
| Molybdenum | 95-1  | 2452.33  | 2535.44  | 2493.83  | 2493.87    | 1.67    | ppb   |
| Molybdenum | 96-1  | 2474.40  | 2534.69  | 2511.10  | 2506.73    | 1.21    | ppb   |
| Molybdenum | 97-1  | 2469.51  | 2526.22  | 2486.08  | 2493.94    | 1.17    | ppb   |
| Molybdenum | 98-1  | 2464.49  | 2527.68  | 2496.76  | 2496.31    | 1.27    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 506.80   | 477.20   | 494.16   | 492.72     | 3.01    | ppb   |
| Phosphorus | 31-2  | 10468.69 | 9860.44  | 10428.50 | 10252.54   | 3.32    | ppb   |
| Potassium  | 39-2  | 24816.31 | 23413.87 | 24453.13 | 24227.77   | 3.00    | ppb   |
| Rhodium    | 103-1 |          |          |          | 97         |         | %     |
| Rhodium    | 103-2 |          |          |          | 94         |         | %     |
| Scandium   | 45-1  |          |          |          | 93         |         | %     |
| Scandium   | 45-2  |          |          |          | 90         |         | %     |
| Selenium   | 77-2  | 486.53   | 553.67   | 504.32   | 514.84     | 6.76    | ppb   |
| Selenium   | 78-2  | 511.78   | 528.14   | 499.87   | 513.26     | 2.76    | ppb   |
| Selenium   | 82-1  | 496.22   | 510.98   | 501.98   | 503.06     | 1.48    | ppb   |
| Silicon    | 28-1  | 492.01   | 515.91   | 502.02   | 503.32     | 2.38    | ppb   |
| Silver     | 109-1 | 513.14   | 527.91   | 520.56   | 520.54     | 1.42    | ppb   |
| Silver     | 107-1 | 514.92   | 524.43   | 520.64   | 520.00     | 0.92    | ppb   |
| Sodium     | 23-2  | 51359.16 | 48031.30 | 50268.04 | 49886.16   | 3.40    | ppb   |
| Strontium  | 86-1  | 490.29   | 505.76   | 496.67   | 497.57     | 1.56    | ppb   |
| Strontium  | 88-1  | 496.76   | 511.35   | 501.37   | 503.16     | 1.48    | ppb   |
| Sulfur     | 34-1  | 8955.59  | 9549.46  | 9172.70  | 9225.92    | 3.26    | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 105        |         | %     |
| Thallium   | 203-1 | 499.04   | 521.14   | 502.87   | 507.68     | 2.33    | ppb   |
| Thallium   | 205-1 | 491.69   | 519.04   | 494.52   | 501.75     | 3.00    | ppb   |
| Tin        | 118-1 | 516.68   | 530.56   | 519.11   | 522.12     | 1.42    | ppb   |
| Titanium   | 47-1  | 2494.49  | 2593.27  | 2554.87  | 2547.55    | 1.95    | ppb   |
| Uranium    | 238-1 | 481.48   | 504.16   | 485.27   | 490.30     | 2.48    | ppb   |
| Vanadium   | 51-2  | 513.73   | 478.00   | 499.91   | 497.21     | 3.62    | ppb   |
| Yttrium    | 89-1  |          |          |          | 100        |         | %     |
| Yttrium    | 89-2  |          |          |          | 93         |         | %     |
| Zinc       | 66-2  | 1013.65  | 946.85   | 993.73   | 984.74     | 3.48    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB113662BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB113662BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 13:53:06 | DataFile Name :   | 024SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 491.27  | 511.64  | 500.66  | 501.19     | 2.03    | ppb   |
| Zirconium | 91-1 | 499.81  | 515.71  | 509.75  | 508.42     | 1.58    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5150-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-0926-S-10B     | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 13:56:19 | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 23017.49 | 23740.63 | 23217.37 | 23325.16   | 1.60    | ppb   |
| Antimony   | 121-1 | 1.70     | 1.53     | 1.45     | 1.56       | 8.24    | ppb   |
| Arsenic    | 75-2  | 27.09    | 27.88    | 27.73    | 27.57      | 1.52    | ppb   |
| Barium     | 135-1 | 207.06   | 204.90   | 201.21   | 204.39     | 1.45    | ppb   |
| Barium     | 137-1 | 207.30   | 204.35   | 200.88   | 204.18     | 1.57    | ppb   |
| Beryllium  | 9-1   | 2.84     | 2.76     | 2.54     | 2.71       | 5.81    | ppb   |
| Bismuth    | 209-1 |          |          |          | 105        |         | %     |
| Bismuth    | 209-2 |          |          |          | 98         |         | %     |
| Boron      | 11-1  | 51.63    | 51.17    | 48.65    | 50.48      | 3.18    | ppb   |
| Boron      | 10-1  | 48.51    | 52.65    | 47.54    | 49.57      | 5.47    | ppb   |
| Cadmium    | 106-1 | 6.39     | 5.32     | 5.42     | 5.71       | 10.40   | ppb   |
| Cadmium    | 108-1 | 3.40     | 3.83     | 3.70     | 3.64       | 5.95    | ppb   |
| Cadmium    | 111-1 | 1.61     | 1.48     | 1.44     | 1.51       | 5.68    | ppb   |
| Calcium    | 43-1  | 76453.99 | 75831.39 | 75272.50 | 75852.63   | 0.78    | ppb   |
| Calcium    | 44-1  | 74527.19 | 75051.71 | 73663.67 | 74414.19   | 0.94    | ppb   |
| Chromium   | 52-2  | 123.60   | 129.10   | 126.79   | 126.50     | 2.18    | ppb   |
| Cobalt     | 59-2  | 37.55    | 38.05    | 37.34    | 37.65      | 0.97    | ppb   |
| Copper     | 63-2  | 183.79   | 190.18   | 188.58   | 187.52     | 1.77    | 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 |          |          |          | 106        |         | %     |
| Holmium    | 165-2 |          |          |          | 102        |         | %     |
| Indium     | 115-1 |          |          |          | 98         |         | %     |
| Indium     | 115-2 |          |          |          | 92         |         | %     |
| Iron       | 56-2  | 70825.70 | 72824.70 | 72084.78 | 71911.73   | 1.41    | ppb   |
| Iron       | 57-2  | 69656.59 | 71406.60 | 71222.09 | 70761.76   | 1.36    | ppb   |
| Krypton    | 83-1  | -3765.11 | 14109.04 | 2536.25  | 4293.39    | 211.15  | ppb   |
| Lead       | 207-1 | 298.13   | 291.81   | 292.63   | 294.19     | 1.17    | ppb   |
| Lead       | 208-1 | 305.01   | 302.99   | 301.59   | 303.20     | 0.57    | ppb   |
| Lead       | 206-1 | 316.07   | 316.49   | 309.37   | 313.98     | 1.27    | ppb   |
| Lithium    | 6-1   |          |          |          | 94         |         | %     |
| Magnesium  | 24-2  | 44064.93 | 46257.09 | 44916.02 | 45079.35   | 2.45    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5150-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-0926-S-10B     | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 13:56:19 | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 1545.28 | 1583.65 | 1572.20 | 1567.05    | 1.26    | ppb   |
| Molybdenum | 94-1  | 33.80   | 33.41   | 33.05   | 33.42      | 1.12    | ppb   |
| Molybdenum | 95-1  | 3.78    | 3.73    | 3.45    | 3.65       | 4.80    | ppb   |
| Molybdenum | 96-1  | 7.60    | 7.29    | 7.12    | 7.34       | 3.27    | ppb   |
| Molybdenum | 97-1  | 3.59    | 3.66    | 3.44    | 3.57       | 3.22    | ppb   |
| Molybdenum | 98-1  | 3.79    | 3.64    | 3.52    | 3.65       | 3.61    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 233.43  | 240.50  | 237.61  | 237.18     | 1.50    | ppb   |
| Phosphorus | 31-2  | 1990.93 | 1910.50 | 1798.63 | 1900.02    | 5.08    | ppb   |
| Potassium  | 39-2  | 3380.92 | 3536.63 | 3461.31 | 3459.62    | 2.25    | ppb   |
| Rhodium    | 103-1 |         |         |         | 94         |         | %     |
| Rhodium    | 103-2 |         |         |         | 91         |         | %     |
| Scandium   | 45-1  |         |         |         | 94         |         | %     |
| Scandium   | 45-2  |         |         |         | 89         |         | %     |
| Selenium   | 77-2  | 75.85   | 137.09  | 145.06  | 119.33     | 31.73   | ppb   |
| Selenium   | 78-2  | 20.73   | 20.25   | 19.56   | 20.18      | 2.92    | ppb   |
| Selenium   | 82-1  | 1.51    | 0.66    | 1.32    | 1.16       | 38.25   | ppb   |
| Silicon    | 28-1  | 2328.29 | 2254.70 | 2207.43 | 2263.47    | 2.69    | ppb   |
| Silver     | 109-1 | 0.47    | 0.52    | 0.45    | 0.48       | 6.96    | ppb   |
| Silver     | 107-1 | 0.49    | 0.52    | 0.48    | 0.50       | 3.78    | ppb   |
| Sodium     | 23-2  | 1184.47 | 1220.38 | 1208.42 | 1204.42    | 1.52    | ppb   |
| Strontium  | 86-1  | 135.34  | 137.06  | 134.35  | 135.58     | 1.01    | ppb   |
| Strontium  | 88-1  | 139.44  | 140.93  | 138.25  | 139.54     | 0.96    | ppb   |
| Sulfur     | 34-1  | 1080.18 | 1004.78 | 755.88  | 946.95     | 17.92   | ppb   |
| Terbium    | 159-1 |         |         |         | 105        |         | %     |
| Terbium    | 159-2 |         |         |         | 102        |         | %     |
| Thallium   | 203-1 | 0.55    | 0.54    | 0.50    | 0.53       | 5.69    | ppb   |
| Thallium   | 205-1 | 0.56    | 0.50    | 0.51    | 0.52       | 6.64    | ppb   |
| Tin        | 118-1 | 6.22    | 6.14    | 6.07    | 6.14       | 1.18    | ppb   |
| Titanium   | 47-1  | 813.07  | 813.82  | 806.16  | 811.02     | 0.52    | ppb   |
| Uranium    | 238-1 | 3.96    | 3.95    | 3.93    | 3.95       | 0.38    | ppb   |
| Vanadium   | 51-2  | 119.25  | 123.95  | 122.71  | 121.97     | 2.00    | ppb   |
| Yttrium    | 89-1  |         |         |         | 114        |         | %     |
| Yttrium    | 89-2  |         |         |         | 105        |         | %     |
| Zinc       | 66-2  | 497.19  | 509.82  | 507.46  | 504.82     | 1.33    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5150-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-0926-S-10B     | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 13:56:19 | DataFile Name :   | 025SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 20.47   | 20.43   | 19.85   | 20.25      | 1.70    | ppb   |
| Zirconium | 91-1 | 20.09   | 20.16   | 20.35   | 20.20      | 0.66    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5150-01DUP         | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-0926-S-10BDUP  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 13:59:38 | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 23701.87  | 23632.91  | 24030.06  | 23788.28   | 0.89    | ppb   |
| Antimony   | 121-1 | 0.67      | 0.65      | 0.66      | 0.66       | 1.72    | ppb   |
| Arsenic    | 75-2  | 25.47     | 24.43     | 23.54     | 24.48      | 3.94    | ppb   |
| Barium     | 135-1 | 214.33    | 211.69    | 209.51    | 211.84     | 1.14    | ppb   |
| Barium     | 137-1 | 213.23    | 213.97    | 210.21    | 212.47     | 0.94    | ppb   |
| Beryllium  | 9-1   | 2.34      | 2.41      | 2.17      | 2.31       | 5.22    | ppb   |
| Bismuth    | 209-1 |           |           |           | 106        |         | %     |
| Bismuth    | 209-2 |           |           |           | 99         |         | %     |
| Boron      | 11-1  | 54.18     | 53.02     | 54.90     | 54.03      | 1.76    | ppb   |
| Boron      | 10-1  | 53.70     | 54.17     | 56.28     | 54.72      | 2.51    | ppb   |
| Cadmium    | 106-1 | 5.24      | 6.33      | 6.34      | 5.97       | 10.58   | ppb   |
| Cadmium    | 108-1 | 2.89      | 3.96      | 3.26      | 3.37       | 16.09   | ppb   |
| Cadmium    | 111-1 | 1.35      | 1.39      | 1.46      | 1.40       | 4.00    | ppb   |
| Calcium    | 43-1  | 106555.66 | 107121.14 | 104718.84 | 106131.88  | 1.18    | ppb   |
| Calcium    | 44-1  | 105770.12 | 106565.90 | 104484.39 | 105606.80  | 0.99    | ppb   |
| Chromium   | 52-2  | 109.19    | 108.91    | 109.13    | 109.07     | 0.14    | ppb   |
| Cobalt     | 59-2  | 36.05     | 35.91     | 36.50     | 36.15      | 0.84    | ppb   |
| Copper     | 63-2  | 188.45    | 188.24    | 188.58    | 188.42     | 0.09    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 107        |         | %     |
| Holmium    | 165-2 |           |           |           | 103        |         | %     |
| Indium     | 115-1 |           |           |           | 99         |         | %     |
| Indium     | 115-2 |           |           |           | 93         |         | %     |
| Iron       | 56-2  | 68983.45  | 68733.68  | 69022.44  | 68913.19   | 0.23    | ppb   |
| Iron       | 57-2  | 67646.06  | 67607.79  | 67815.00  | 67689.61   | 0.16    | ppb   |
| Krypton    | 83-1  | 1070.35   | -5084.43  | -4955.80  | -2989.96   |         | ppb   |
| Lead       | 207-1 | 298.31    | 296.33    | 295.12    | 296.59     | 0.54    | ppb   |
| Lead       | 208-1 | 307.80    | 304.01    | 301.88    | 304.56     | 0.98    | ppb   |
| Lead       | 206-1 | 322.37    | 314.27    | 310.86    | 315.83     | 1.87    | ppb   |
| Lithium    | 6-1   |           |           |           | 94         |         | %     |
| Magnesium  | 24-2  | 46153.28  | 46171.91  | 46292.93  | 46206.04   | 0.16    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5150-01DUP         | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-0926-S-10BDUP  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 13:59:38 | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 1274.98 | 1278.85 | 1286.45 | 1280.09    | 0.46    | ppb   |
| Molybdenum | 94-1  | 36.98   | 37.84   | 36.50   | 37.11      | 1.83    | ppb   |
| Molybdenum | 95-1  | 2.53    | 2.68    | 2.70    | 2.64       | 3.42    | ppb   |
| Molybdenum | 96-1  | 7.07    | 7.12    | 6.96    | 7.05       | 1.16    | ppb   |
| Molybdenum | 97-1  | 2.58    | 2.63    | 2.56    | 2.59       | 1.38    | ppb   |
| Molybdenum | 98-1  | 2.68    | 2.66    | 2.67    | 2.67       | 0.34    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 205.18  | 204.49  | 206.14  | 205.27     | 0.40    | ppb   |
| Phosphorus | 31-2  | 2107.38 | 2044.31 | 2306.40 | 2152.69    | 6.35    | ppb   |
| Potassium  | 39-2  | 3594.29 | 3698.83 | 3666.16 | 3653.09    | 1.46    | ppb   |
| Rhodium    | 103-1 |         |         |         | 95         |         | %     |
| Rhodium    | 103-2 |         |         |         | 92         |         | %     |
| Scandium   | 45-1  |         |         |         | 95         |         | %     |
| Scandium   | 45-2  |         |         |         | 90         |         | %     |
| Selenium   | 77-2  | 125.45  | 94.02   | 109.44  | 109.64     | 14.33   | ppb   |
| Selenium   | 78-2  | 11.72   | 17.68   | 15.65   | 15.02      | 20.20   | ppb   |
| Selenium   | 82-1  | 1.31    | 1.68    | 1.37    | 1.45       | 13.60   | ppb   |
| Silicon    | 28-1  | 2188.95 | 2238.18 | 2167.49 | 2198.21    | 1.65    | ppb   |
| Silver     | 109-1 | 0.44    | 0.44    | 0.44    | 0.44       | 0.41    | ppb   |
| Silver     | 107-1 | 0.41    | 0.42    | 0.47    | 0.43       | 6.70    | ppb   |
| Sodium     | 23-2  | 1301.84 | 1299.94 | 1276.54 | 1292.78    | 1.09    | ppb   |
| Strontium  | 86-1  | 248.14  | 251.25  | 247.37  | 248.92     | 0.83    | ppb   |
| Strontium  | 88-1  | 253.20  | 255.06  | 251.82  | 253.36     | 0.64    | ppb   |
| Sulfur     | 34-1  | 1274.58 | 1381.03 | 1039.28 | 1231.63    | 14.20   | ppb   |
| Terbium    | 159-1 |         |         |         | 106        |         | %     |
| Terbium    | 159-2 |         |         |         | 103        |         | %     |
| Thallium   | 203-1 | 0.37    | 0.40    | 0.38    | 0.38       | 3.54    | ppb   |
| Thallium   | 205-1 | 0.41    | 0.40    | 0.39    | 0.40       | 2.21    | ppb   |
| Tin        | 118-1 | 6.64    | 6.88    | 6.62    | 6.71       | 2.18    | ppb   |
| Titanium   | 47-1  | 1021.24 | 1028.00 | 1007.89 | 1019.04    | 1.00    | ppb   |
| Uranium    | 238-1 | 3.50    | 3.48    | 3.45    | 3.48       | 0.74    | ppb   |
| Vanadium   | 51-2  | 116.15  | 115.78  | 114.61  | 115.51     | 0.70    | ppb   |
| Yttrium    | 89-1  |         |         |         | 115        |         | %     |
| Yttrium    | 89-2  |         |         |         | 108        |         | %     |
| Zinc       | 66-2  | 500.26  | 503.78  | 510.35  | 504.80     | 1.01    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5150-01DUP         | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-0926-S-10BDUP  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 13:59:38 | DataFile Name :   | 026SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 23.19   | 23.39   | 22.77   | 23.12      | 1.35    | ppb   |
| Zirconium | 91-1 | 23.11   | 23.29   | 23.01   | 23.14      | 0.62    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5150-01LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-0926-S-10BL    | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-10-11 14:02:58 | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2   | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|-----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 5025.83  | 4839.93   | 5025.84  | 4963.87    | 2.16    | ppb   |
| Antimony   | 121-1 | 0.19     | 0.18      | 0.18     | 0.18       | 3.66    | ppb   |
| Arsenic    | 75-2  | 5.88     | 5.65      | 5.35     | 5.63       | 4.76    | ppb   |
| Barium     | 135-1 | 42.25    | 43.36     | 43.01    | 42.87      | 1.32    | ppb   |
| Barium     | 137-1 | 42.95    | 43.33     | 42.79    | 43.02      | 0.64    | ppb   |
| Beryllium  | 9-1   | 0.58     | 0.66      | 0.54     | 0.59       | 10.28   | ppb   |
| Bismuth    | 209-1 |          |           |          | 110        |         | %     |
| Bismuth    | 209-2 |          |           |          | 104        |         | %     |
| Boron      | 11-1  | 15.61    | 15.04     | 14.42    | 15.02      | 3.97    | ppb   |
| Boron      | 10-1  | 14.62    | 16.21     | 13.61    | 14.81      | 8.86    | ppb   |
| Cadmium    | 106-1 | 0.04     | 0.47      | 0.43     | 0.31       | 75.49   | ppb   |
| Cadmium    | 108-1 | 0.65     | 0.78      | 0.66     | 0.70       | 10.37   | ppb   |
| Cadmium    | 111-1 | 0.23     | 0.22      | 0.25     | 0.23       | 7.10    | ppb   |
| Calcium    | 43-1  | 18543.50 | 18737.41  | 18718.77 | 18666.56   | 0.57    | ppb   |
| Calcium    | 44-1  | 18379.38 | 18684.99  | 18465.41 | 18509.93   | 0.85    | ppb   |
| Chromium   | 52-2  | 25.34    | 24.43     | 26.07    | 25.28      | 3.26    | ppb   |
| Cobalt     | 59-2  | 7.90     | 7.69      | 7.91     | 7.84       | 1.56    | ppb   |
| Copper     | 63-2  | 40.64    | 38.90     | 40.97    | 40.17      | 2.77    | 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 |          |           |          | 108        |         | %     |
| Holmium    | 165-2 |          |           |          | 105        |         | %     |
| Indium     | 115-1 |          |           |          | 103        |         | %     |
| Indium     | 115-2 |          |           |          | 97         |         | %     |
| Iron       | 56-2  | 15115.66 | 14539.75  | 15354.17 | 15003.19   | 2.79    | ppb   |
| Iron       | 57-2  | 14931.24 | 14199.88  | 14986.69 | 14705.94   | 2.99    | ppb   |
| Krypton    | 83-1  | -7420.81 | -18248.23 | -2495.82 | -9388.29   |         | ppb   |
| Lead       | 207-1 | 59.31    | 58.99     | 59.05    | 59.12      | 0.29    | ppb   |
| Lead       | 208-1 | 61.38    | 61.33     | 61.34    | 61.35      | 0.05    | ppb   |
| Lead       | 206-1 | 64.14    | 64.13     | 64.39    | 64.22      | 0.23    | ppb   |
| Lithium    | 6-1   |          |           |          | 97         |         | %     |
| Magnesium  | 24-2  | 9526.51  | 9193.54   | 9794.79  | 9504.95    | 3.17    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5150-01LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-0926-S-10BL    | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-10-11 14:02:58 | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 311.53  | 302.66  | 317.48  | 310.56     | 2.40    | ppb   |
| Molybdenum | 94-1  | 7.47    | 8.27    | 7.96    | 7.90       | 5.12    | ppb   |
| Molybdenum | 95-1  | 0.73    | 0.73    | 0.68    | 0.72       | 3.79    | ppb   |
| Molybdenum | 96-1  | 1.62    | 1.70    | 1.53    | 1.62       | 5.30    | ppb   |
| Molybdenum | 97-1  | 0.63    | 0.73    | 0.70    | 0.69       | 8.03    | ppb   |
| Molybdenum | 98-1  | 0.72    | 0.70    | 0.74    | 0.72       | 2.52    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 48.74   | 45.39   | 49.50   | 47.87      | 4.57    | ppb   |
| Phosphorus | 31-2  | 496.19  | 415.80  | 377.05  | 429.68     | 14.14   | ppb   |
| Potassium  | 39-2  | 787.77  | 689.09  | 816.95  | 764.60     | 8.76    | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Rhodium    | 103-2 |         |         |         | 98         |         | %     |
| Scandium   | 45-1  |         |         |         | 94         |         | %     |
| Scandium   | 45-2  |         |         |         | 91         |         | %     |
| Selenium   | 77-2  | 30.54   | 21.45   | 30.46   | 27.48      | 19.02   | ppb   |
| Selenium   | 78-2  | 1.24    | 1.95    | 2.71    | 1.97       | 37.42   | ppb   |
| Selenium   | 82-1  | 0.69    | 0.65    | 0.31    | 0.55       | 37.66   | ppb   |
| Silicon    | 28-1  | 489.11  | 489.01  | 488.11  | 488.74     | 0.11    | ppb   |
| Silver     | 109-1 | 0.10    | 0.11    | 0.10    | 0.10       | 7.82    | ppb   |
| Silver     | 107-1 | 0.10    | 0.11    | 0.09    | 0.10       | 6.33    | ppb   |
| Sodium     | 23-2  | 286.90  | 272.40  | 294.37  | 284.55     | 3.93    | ppb   |
| Strontium  | 86-1  | 41.79   | 42.70   | 42.66   | 42.38      | 1.21    | ppb   |
| Strontium  | 88-1  | 42.72   | 42.95   | 43.19   | 42.95      | 0.55    | ppb   |
| Sulfur     | 34-1  | -520.63 | -397.38 | -376.29 | -431.43    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 108        |         | %     |
| Terbium    | 159-2 |         |         |         | 105        |         | %     |
| Thallium   | 203-1 | 0.10    | 0.11    | 0.11    | 0.11       | 7.55    | ppb   |
| Thallium   | 205-1 | 0.10    | 0.11    | 0.10    | 0.10       | 5.41    | ppb   |
| Tin        | 118-1 | 1.30    | 1.34    | 1.33    | 1.32       | 1.70    | ppb   |
| Titanium   | 47-1  | 192.49  | 193.54  | 191.83  | 192.62     | 0.45    | ppb   |
| Uranium    | 238-1 | 0.78    | 0.76    | 0.76    | 0.77       | 1.94    | ppb   |
| Vanadium   | 51-2  | 25.47   | 23.89   | 25.63   | 25.00      | 3.84    | ppb   |
| Yttrium    | 89-1  |         |         |         | 104        |         | %     |
| Yttrium    | 89-2  |         |         |         | 97         |         | %     |
| Zinc       | 66-2  | 112.02  | 107.84  | 110.22  | 110.03     | 1.91    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5150-01LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-0926-S-10BL    | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-10-11 14:02:58 | DataFile Name :   | 027SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 4.95    | 5.03    | 4.97    | 4.98       | 0.91    | ppb   |
| Zirconium | 91-1 | 4.84    | 4.73    | 4.85    | 4.80       | 1.41    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5150-01MS          | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-0926-S-10BMS   | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 14:06:20 | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 30077.49 | 30846.16 | 30442.70 | 30455.45   | 1.26    | ppb   |
| Antimony   | 121-1 | 422.10   | 426.11   | 425.12   | 424.44     | 0.49    | ppb   |
| Arsenic    | 75-2  | 467.82   | 488.53   | 476.05   | 477.47     | 2.18    | ppb   |
| Barium     | 135-1 | 2665.54  | 2665.31  | 2674.67  | 2668.51    | 0.20    | ppb   |
| Barium     | 137-1 | 2637.54  | 2660.51  | 2690.70  | 2662.92    | 1.00    | ppb   |
| Beryllium  | 9-1   | 498.71   | 504.24   | 508.48   | 503.81     | 0.97    | ppb   |
| Bismuth    | 209-1 |          |          |          | 102        |         | %     |
| Bismuth    | 209-2 |          |          |          | 96         |         | %     |
| Boron      | 11-1  | 514.35   | 529.47   | 552.69   | 532.17     | 3.63    | ppb   |
| Boron      | 10-1  | 523.69   | 532.37   | 557.26   | 537.77     | 3.24    | ppb   |
| Cadmium    | 106-1 | 490.52   | 504.79   | 498.88   | 498.07     | 1.44    | ppb   |
| Cadmium    | 108-1 | 494.58   | 494.10   | 489.73   | 492.80     | 0.54    | ppb   |
| Cadmium    | 111-1 | 485.22   | 488.68   | 487.69   | 487.20     | 0.37    | ppb   |
| Calcium    | 43-1  | 92660.76 | 94220.03 | 94376.04 | 93752.27   | 1.01    | ppb   |
| Calcium    | 44-1  | 91228.72 | 92292.12 | 93078.53 | 92199.79   | 1.01    | ppb   |
| Chromium   | 52-2  | 555.75   | 572.63   | 562.49   | 563.62     | 1.51    | ppb   |
| Cobalt     | 59-2  | 489.87   | 504.37   | 494.67   | 496.30     | 1.49    | ppb   |
| Copper     | 63-2  | 1083.00  | 1117.41  | 1101.86  | 1100.76    | 1.57    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 104        |         | %     |
| Holmium    | 165-2 |          |          |          | 101        |         | %     |
| Indium     | 115-1 |          |          |          | 94         |         | %     |
| Indium     | 115-2 |          |          |          | 87         |         | %     |
| Iron       | 56-2  | 93630.57 | 95930.19 | 94915.17 | 94825.31   | 1.22    | ppb   |
| Iron       | 57-2  | 91725.16 | 95079.24 | 93116.48 | 93306.96   | 1.81    | ppb   |
| Krypton    | 83-1  | -3684.41 | 4508.34  | 15.03    | 279.65     | 1467.10 | ppb   |
| Lead       | 207-1 | 778.88   | 780.37   | 779.16   | 779.47     | 0.10    | ppb   |
| Lead       | 208-1 | 792.39   | 795.17   | 798.10   | 795.22     | 0.36    | ppb   |
| Lead       | 206-1 | 813.00   | 814.53   | 819.56   | 815.69     | 0.42    | ppb   |
| Lithium    | 6-1   |          |          |          | 92         |         | %     |
| Magnesium  | 24-2  | 77455.25 | 78734.46 | 78323.70 | 78171.13   | 0.84    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5150-01MS          | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-0926-S-10BMS   | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 14:06:20 | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 2199.91  | 2238.80  | 2198.65  | 2212.46    | 1.03    | ppb   |
| Molybdenum | 94-1  | 2128.42  | 2109.93  | 2121.46  | 2119.94    | 0.44    | ppb   |
| Molybdenum | 95-1  | 2086.95  | 2077.93  | 2083.06  | 2082.65    | 0.22    | ppb   |
| Molybdenum | 96-1  | 2102.28  | 2083.67  | 2102.63  | 2096.19    | 0.52    | ppb   |
| Molybdenum | 97-1  | 2070.58  | 2085.53  | 2081.78  | 2079.30    | 0.37    | ppb   |
| Molybdenum | 98-1  | 2102.20  | 2085.11  | 2085.70  | 2091.01    | 0.46    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 652.46   | 670.32   | 665.25   | 662.68     | 1.39    | ppb   |
| Phosphorus | 31-2  | 1956.98  | 1864.53  | 1760.81  | 1860.77    | 5.27    | ppb   |
| Potassium  | 39-2  | 25364.12 | 25978.15 | 25223.43 | 25521.90   | 1.57    | ppb   |
| Rhodium    | 103-1 |          |          |          | 91         |         | %     |
| Rhodium    | 103-2 |          |          |          | 88         |         | %     |
| Scandium   | 45-1  |          |          |          | 91         |         | %     |
| Scandium   | 45-2  |          |          |          | 88         |         | %     |
| Selenium   | 77-2  | 553.16   | 445.73   | 524.94   | 507.94     | 10.97   | ppb   |
| Selenium   | 78-2  | 412.73   | 433.19   | 411.00   | 418.97     | 2.95    | ppb   |
| Selenium   | 82-1  | 412.06   | 411.00   | 412.83   | 411.96     | 0.22    | ppb   |
| Silicon    | 28-1  | 3154.09  | 3216.61  | 3287.69  | 3219.47    | 2.08    | ppb   |
| Silver     | 109-1 | 484.55   | 487.92   | 482.65   | 485.04     | 0.55    | ppb   |
| Silver     | 107-1 | 480.33   | 485.44   | 482.53   | 482.77     | 0.53    | ppb   |
| Sodium     | 23-2  | 47412.78 | 48552.41 | 48202.33 | 48055.84   | 1.21    | ppb   |
| Strontium  | 86-1  | 522.08   | 518.80   | 521.94   | 520.94     | 0.36    | ppb   |
| Strontium  | 88-1  | 514.38   | 515.42   | 523.68   | 517.83     | 0.98    | ppb   |
| Sulfur     | 34-1  | 1973.31  | 2086.29  | 2176.81  | 2078.80    | 4.90    | ppb   |
| Terbium    | 159-1 |          |          |          | 103        |         | %     |
| Terbium    | 159-2 |          |          |          | 100        |         | %     |
| Thallium   | 203-1 | 494.57   | 500.35   | 507.93   | 500.95     | 1.34    | ppb   |
| Thallium   | 205-1 | 489.17   | 493.69   | 503.38   | 495.41     | 1.47    | ppb   |
| Tin        | 118-1 | 509.80   | 513.75   | 514.07   | 512.54     | 0.46    | ppb   |
| Titanium   | 47-1  | 3164.33  | 3142.97  | 3179.93  | 3162.41    | 0.59    | ppb   |
| Uranium    | 238-1 | 501.23   | 504.39   | 509.56   | 505.06     | 0.83    | ppb   |
| Vanadium   | 51-2  | 557.64   | 573.66   | 565.90   | 565.74     | 1.42    | ppb   |
| Yttrium    | 89-1  |          |          |          | 110        |         | %     |
| Yttrium    | 89-2  |          |          |          | 103        |         | %     |
| Zinc       | 66-2  | 1351.47  | 1400.66  | 1376.36  | 1376.17    | 1.79    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5150-01MS          | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-0926-S-10BMS   | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 14:06:20 | DataFile Name :   | 028SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 436.72  | 437.61  | 439.58  | 437.97     | 0.33    | ppb   |
| Zirconium | 91-1 | 442.03  | 443.78  | 448.16  | 444.66     | 0.71    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5150-01MSD         | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-0926-S-10BMSD  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 14:09:32 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 30096.13 | 31041.33 | 31211.33 | 30782.93   | 1.95    | ppb   |
| Antimony   | 121-1 | 413.91   | 410.22   | 416.74   | 413.62     | 0.79    | ppb   |
| Arsenic    | 75-2  | 467.56   | 488.98   | 495.82   | 484.12     | 3.04    | ppb   |
| Barium     | 135-1 | 2605.88  | 2627.07  | 2620.95  | 2617.97    | 0.42    | ppb   |
| Barium     | 137-1 | 2595.29  | 2618.28  | 2607.84  | 2607.14    | 0.44    | ppb   |
| Beryllium  | 9-1   | 493.74   | 499.93   | 490.13   | 494.60     | 1.00    | ppb   |
| Bismuth    | 209-1 |          |          |          | 104        |         | %     |
| Bismuth    | 209-2 |          |          |          | 95         |         | %     |
| Boron      | 11-1  | 525.83   | 549.75   | 544.94   | 540.17     | 2.34    | ppb   |
| Boron      | 10-1  | 525.63   | 539.29   | 538.28   | 534.40     | 1.42    | ppb   |
| Cadmium    | 106-1 | 481.17   | 502.09   | 497.11   | 493.46     | 2.22    | ppb   |
| Cadmium    | 108-1 | 481.60   | 489.95   | 484.66   | 485.41     | 0.87    | ppb   |
| Cadmium    | 111-1 | 475.28   | 483.29   | 478.50   | 479.03     | 0.84    | ppb   |
| Calcium    | 43-1  | 90740.26 | 90036.22 | 90114.33 | 90296.93   | 0.43    | ppb   |
| Calcium    | 44-1  | 89808.17 | 88943.12 | 88505.17 | 89085.49   | 0.74    | ppb   |
| Chromium   | 52-2  | 555.64   | 578.10   | 575.80   | 569.84     | 2.17    | ppb   |
| Cobalt     | 59-2  | 488.87   | 510.65   | 513.35   | 504.29     | 2.66    | ppb   |
| Copper     | 63-2  | 1070.30  | 1140.53  | 1146.63  | 1119.15    | 3.79    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 105        |         | %     |
| Holmium    | 165-2 |          |          |          | 99         |         | %     |
| Indium     | 115-1 |          |          |          | 95         |         | %     |
| Indium     | 115-2 |          |          |          | 86         |         | %     |
| Iron       | 56-2  | 94776.83 | 98397.63 | 98408.92 | 97194.46   | 2.15    | ppb   |
| Iron       | 57-2  | 93441.73 | 97408.99 | 97273.42 | 96041.38   | 2.35    | ppb   |
| Krypton    | 83-1  | 6441.02  | -7897.73 | 6396.68  | 1646.66    | 501.97  | ppb   |
| Lead       | 207-1 | 764.59   | 769.48   | 775.87   | 769.98     | 0.73    | ppb   |
| Lead       | 208-1 | 782.07   | 785.26   | 785.22   | 784.19     | 0.23    | ppb   |
| Lead       | 206-1 | 807.46   | 806.17   | 799.19   | 804.27     | 0.55    | ppb   |
| Lithium    | 6-1   |          |          |          | 92         |         | %     |
| Magnesium  | 24-2  | 76171.58 | 78279.31 | 79217.09 | 77889.33   | 2.00    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5150-01MSD         | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-0926-S-10BMSD  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 14:09:32 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 2191.73  | 2274.72  | 2288.78  | 2251.75    | 2.33    | ppb   |
| Molybdenum | 94-1  | 2081.95  | 2099.56  | 2089.29  | 2090.27    | 0.42    | ppb   |
| Molybdenum | 95-1  | 2052.02  | 2076.48  | 2057.68  | 2062.06    | 0.62    | ppb   |
| Molybdenum | 96-1  | 2064.48  | 2060.58  | 2068.16  | 2064.41    | 0.18    | ppb   |
| Molybdenum | 97-1  | 2078.81  | 2077.51  | 2055.14  | 2070.49    | 0.64    | ppb   |
| Molybdenum | 98-1  | 2060.37  | 2061.30  | 2043.82  | 2055.16    | 0.48    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 652.76   | 681.08   | 681.64   | 671.82     | 2.46    | ppb   |
| Phosphorus | 31-2  | 1922.88  | 1779.86  | 2046.46  | 1916.40    | 6.96    | ppb   |
| Potassium  | 39-2  | 25176.86 | 25986.91 | 26215.10 | 25792.96   | 2.12    | ppb   |
| Rhodium    | 103-1 |          |          |          | 91         |         | %     |
| Rhodium    | 103-2 |          |          |          | 87         |         | %     |
| Scandium   | 45-1  |          |          |          | 91         |         | %     |
| Scandium   | 45-2  |          |          |          | 86         |         | %     |
| Selenium   | 77-2  | 475.15   | 581.62   | 483.38   | 513.38     | 11.54   | ppb   |
| Selenium   | 78-2  | 418.26   | 401.56   | 467.72   | 429.18     | 8.02    | ppb   |
| Selenium   | 82-1  | 405.30   | 406.41   | 399.16   | 403.62     | 0.97    | ppb   |
| Silicon    | 28-1  | 3250.62  | 3173.86  | 3148.88  | 3191.12    | 1.66    | ppb   |
| Silver     | 109-1 | 472.19   | 481.04   | 476.92   | 476.72     | 0.93    | ppb   |
| Silver     | 107-1 | 471.75   | 478.77   | 475.13   | 475.22     | 0.74    | ppb   |
| Sodium     | 23-2  | 47387.21 | 49660.35 | 49369.62 | 48805.73   | 2.53    | ppb   |
| Strontium  | 86-1  | 507.92   | 510.14   | 503.32   | 507.13     | 0.69    | ppb   |
| Strontium  | 88-1  | 514.17   | 512.51   | 507.88   | 511.52     | 0.64    | ppb   |
| Sulfur     | 34-1  | 2081.83  | 1672.86  | 1590.82  | 1781.83    | 14.76   | ppb   |
| Terbium    | 159-1 |          |          |          | 104        |         | %     |
| Terbium    | 159-2 |          |          |          | 98         |         | %     |
| Thallium   | 203-1 | 492.38   | 495.57   | 496.65   | 494.87     | 0.45    | ppb   |
| Thallium   | 205-1 | 488.26   | 492.09   | 488.43   | 489.59     | 0.44    | ppb   |
| Tin        | 118-1 | 495.84   | 503.92   | 507.49   | 502.42     | 1.19    | ppb   |
| Titanium   | 47-1  | 3083.75  | 3098.25  | 3117.36  | 3099.78    | 0.54    | ppb   |
| Uranium    | 238-1 | 488.66   | 498.21   | 499.32   | 495.40     | 1.18    | ppb   |
| Vanadium   | 51-2  | 559.95   | 583.06   | 582.98   | 575.33     | 2.32    | ppb   |
| Yttrium    | 89-1  |          |          |          | 111        |         | %     |
| Yttrium    | 89-2  |          |          |          | 101        |         | %     |
| Zinc       | 66-2  | 1362.71  | 1416.32  | 1416.61  | 1398.55    | 2.22    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5150-01MSD         | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-0926-S-10BMSD  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 14:09:32 | DataFile Name :   | 029SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 428.53  | 431.32  | 431.63  | 430.49     | 0.40    | ppb   |
| Zirconium | 91-1 | 442.56  | 432.09  | 432.59  | 435.75     | 1.36    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5223-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-1001-S-DH-01   | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 14:16:13 | DataFile Name :   | 031SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 57885.93  | 54281.35  | 52877.13  | 55014.81   | 4.70    | ppb   |
| Antimony   | 121-1 | 1.40      | 1.29      | 1.23      | 1.31       | 6.35    | ppb   |
| Arsenic    | 75-2  | 27.81     | 26.87     | 25.68     | 26.78      | 3.97    | ppb   |
| Barium     | 135-1 | 658.14    | 668.68    | 672.98    | 666.60     | 1.15    | ppb   |
| Barium     | 137-1 | 668.87    | 678.84    | 679.78    | 675.83     | 0.89    | ppb   |
| Beryllium  | 9-1   | 4.64      | 4.54      | 4.73      | 4.64       | 2.02    | ppb   |
| Bismuth    | 209-1 |           |           |           | 102        |         | %     |
| Bismuth    | 209-2 |           |           |           | 96         |         | %     |
| Boron      | 11-1  | 34.60     | 35.47     | 33.56     | 34.54      | 2.76    | ppb   |
| Boron      | 10-1  | 35.55     | 36.21     | 31.62     | 34.46      | 7.20    | ppb   |
| Cadmium    | 106-1 | 7.22      | 6.54      | 7.58      | 7.11       | 7.46    | ppb   |
| Cadmium    | 108-1 | 3.12      | 3.67      | 3.44      | 3.41       | 8.15    | ppb   |
| Cadmium    | 111-1 | 1.19      | 1.11      | 1.19      | 1.16       | 4.19    | ppb   |
| Calcium    | 43-1  | 8685.49   | 8497.35   | 8670.70   | 8617.84    | 1.21    | ppb   |
| Calcium    | 44-1  | 8603.61   | 8489.76   | 8688.73   | 8594.03    | 1.16    | ppb   |
| Chromium   | 52-2  | 381.69    | 357.60    | 350.96    | 363.42     | 4.45    | ppb   |
| Cobalt     | 59-2  | 218.17    | 203.71    | 199.09    | 206.99     | 4.81    | ppb   |
| Copper     | 63-2  | 156.56    | 147.19    | 145.50    | 149.75     | 3.98    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 106        |         | %     |
| Holmium    | 165-2 |           |           |           | 101        |         | %     |
| Indium     | 115-1 |           |           |           | 98         |         | %     |
| Indium     | 115-2 |           |           |           | 92         |         | %     |
| Iron       | 56-2  | 170712.46 | 159928.92 | 155980.67 | 162207.35  | 4.70    | ppb   |
| Iron       | 57-2  | 170326.32 | 161170.51 | 157161.61 | 162886.15  | 4.14    | ppb   |
| Krypton    | 83-1  | 1820.28   | 614.32    | 4687.90   | 2374.17    | 88.14   | ppb   |
| Lead       | 207-1 | 109.78    | 107.77    | 108.48    | 108.68     | 0.94    | ppb   |
| Lead       | 208-1 | 116.54    | 115.08    | 115.68    | 115.77     | 0.63    | ppb   |
| Lead       | 206-1 | 119.80    | 118.82    | 120.69    | 119.77     | 0.78    | ppb   |
| Lithium    | 6-1   |           |           |           | 96         |         | %     |
| Magnesium  | 24-2  | 94504.49  | 89377.81  | 88330.80  | 90737.70   | 3.64    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5223-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-1001-S-DH-01   | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 14:16:13 | DataFile Name :   | 031SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 4135.67  | 3870.53  | 3787.43  | 3931.21    | 4.63    | ppb   |
| Molybdenum | 94-1  | 38.11    | 38.16    | 38.34    | 38.20      | 0.31    | ppb   |
| Molybdenum | 95-1  | 1.56     | 1.49     | 1.42     | 1.49       | 4.62    | ppb   |
| Molybdenum | 96-1  | 6.21     | 6.19     | 6.24     | 6.21       | 0.43    | ppb   |
| Molybdenum | 97-1  | 1.49     | 1.52     | 1.46     | 1.49       | 1.98    | ppb   |
| Molybdenum | 98-1  | 1.56     | 1.48     | 1.44     | 1.49       | 4.20    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 2521.48  | 2370.90  | 2302.51  | 2398.30    | 4.67    | ppb   |
| Phosphorus | 31-2  | 2831.43  | 2098.89  | 2290.97  | 2407.10    | 15.78   | ppb   |
| Potassium  | 39-2  | 8133.96  | 7654.37  | 7405.26  | 7731.20    | 4.79    | ppb   |
| Rhodium    | 103-1 |          |          |          | 95         |         | %     |
| Rhodium    | 103-2 |          |          |          | 91         |         | %     |
| Scandium   | 45-1  |          |          |          | 104        |         | %     |
| Scandium   | 45-2  |          |          |          | 101        |         | %     |
| Selenium   | 77-2  | 249.37   | 234.14   | 209.19   | 230.90     | 8.79    | ppb   |
| Selenium   | 78-2  | 34.01    | 26.56    | 34.12    | 31.57      | 13.73   | ppb   |
| Selenium   | 82-1  | 2.16     | 2.11     | 1.94     | 2.07       | 5.56    | ppb   |
| Silicon    | 28-1  | 3922.18  | 3861.54  | 3907.80  | 3897.17    | 0.81    | ppb   |
| Silver     | 109-1 | 0.26     | 0.22     | 0.24     | 0.24       | 7.80    | ppb   |
| Silver     | 107-1 | 0.29     | 0.26     | 0.26     | 0.27       | 6.33    | ppb   |
| Sodium     | 23-2  | 666.24   | 632.21   | 636.81   | 645.09     | 2.86    | ppb   |
| Strontium  | 86-1  | 40.19    | 39.26    | 39.80    | 39.75      | 1.17    | ppb   |
| Strontium  | 88-1  | 40.37    | 40.09    | 40.10    | 40.19      | 0.38    | ppb   |
| Sulfur     | 34-1  | -2410.43 | -2390.14 | -2312.72 | -2371.09   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 105        |         | %     |
| Terbium    | 159-2 |          |          |          | 101        |         | %     |
| Thallium   | 203-1 | 1.66     | 1.58     | 1.49     | 1.58       | 5.46    | ppb   |
| Thallium   | 205-1 | 1.73     | 1.61     | 1.56     | 1.63       | 5.30    | ppb   |
| Tin        | 118-1 | 1.86     | 1.87     | 1.95     | 1.89       | 2.67    | ppb   |
| Titanium   | 47-1  | 1245.81  | 1241.12  | 1263.38  | 1250.10    | 0.94    | ppb   |
| Uranium    | 238-1 | 8.03     | 7.97     | 8.04     | 8.01       | 0.47    | ppb   |
| Vanadium   | 51-2  | 172.39   | 162.74   | 157.45   | 164.19     | 4.61    | ppb   |
| Yttrium    | 89-1  |          |          |          | 136        |         | %     |
| Yttrium    | 89-2  |          |          |          | 130        |         | %     |
| Zinc       | 66-2  | 371.66   | 346.66   | 339.57   | 352.63     | 4.78    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5223-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-1001-S-DH-01   | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 14:16:13 | DataFile Name :   | 031SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 24.37   | 24.49   | 24.46   | 24.44      | 0.26    | ppb   |
| Zirconium | 91-1 | 24.44   | 24.30   | 24.14   | 24.29      | 0.61    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5150-01A           | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-0926-S-10BA    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 14:58:44 | DataFile Name :   | 032SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 31019.52  | 31247.43  | 32064.96  | 31443.97   | 1.75    | ppb   |
| Antimony   | 121-1 | 507.94    | 521.26    | 552.29    | 527.16     | 4.32    | ppb   |
| Arsenic    | 75-2  | 480.42    | 490.16    | 503.00    | 491.19     | 2.31    | ppb   |
| Barium     | 135-1 | 2729.84   | 2817.83   | 2947.91   | 2831.86    | 3.87    | ppb   |
| Barium     | 137-1 | 2733.82   | 2806.23   | 2947.86   | 2829.30    | 3.85    | ppb   |
| Beryllium  | 9-1   | 514.39    | 523.68    | 567.04    | 535.03     | 5.25    | ppb   |
| Bismuth    | 209-1 |           |           |           | 98         |         | %     |
| Bismuth    | 209-2 |           |           |           | 95         |         | %     |
| Boron      | 11-1  | 527.08    | 548.69    | 611.31    | 562.36     | 7.78    | ppb   |
| Boron      | 10-1  | 530.27    | 559.33    | 612.32    | 567.31     | 7.33    | ppb   |
| Cadmium    | 106-1 | 521.81    | 526.18    | 551.86    | 533.28     | 3.05    | ppb   |
| Cadmium    | 108-1 | 509.33    | 518.99    | 544.05    | 524.12     | 3.42    | ppb   |
| Cadmium    | 111-1 | 497.60    | 513.65    | 542.89    | 518.05     | 4.43    | ppb   |
| Calcium    | 43-1  | 126937.68 | 133056.99 | 142923.80 | 134306.16  | 6.01    | ppb   |
| Calcium    | 44-1  | 124915.19 | 129815.02 | 142050.27 | 132260.16  | 6.67    | ppb   |
| Chromium   | 52-2  | 581.38    | 588.48    | 605.45    | 591.77     | 2.09    | ppb   |
| Cobalt     | 59-2  | 502.19    | 507.61    | 520.99    | 510.26     | 1.90    | ppb   |
| Copper     | 63-2  | 1104.47   | 1113.68   | 1150.97   | 1123.04    | 2.19    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 101        |         | %     |
| Holmium    | 165-2 |           |           |           | 101        |         | %     |
| Indium     | 115-1 |           |           |           | 92         |         | %     |
| Indium     | 115-2 |           |           |           | 87         |         | %     |
| Iron       | 56-2  | 87976.75  | 89405.63  | 90957.39  | 89446.59   | 1.67    | ppb   |
| Iron       | 57-2  | 86507.44  | 87620.10  | 89743.22  | 87956.92   | 1.87    | ppb   |
| Krypton    | 83-1  | -6464.01  | -1888.57  | 10699.86  | 782.42     | 1135.98 | ppb   |
| Lead       | 207-1 | 772.73    | 795.66    | 849.58    | 805.99     | 4.89    | ppb   |
| Lead       | 208-1 | 789.99    | 812.83    | 872.94    | 825.26     | 5.19    | ppb   |
| Lead       | 206-1 | 809.23    | 834.25    | 889.73    | 844.40     | 4.88    | ppb   |
| Lithium    | 6-1   |           |           |           | 91         |         | %     |
| Magnesium  | 24-2  | 91898.66  | 91418.54  | 92602.01  | 91973.07   | 0.65    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5150-01A           | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-0926-S-10BA    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 14:58:44 | DataFile Name :   | 032SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 2303.62  | 2351.66  | 2381.46  | 2345.58    | 1.67    | ppb   |
| Molybdenum | 94-1  | 2173.09  | 2213.61  | 2349.73  | 2245.48    | 4.12    | ppb   |
| Molybdenum | 95-1  | 2147.60  | 2177.71  | 2342.52  | 2222.61    | 4.72    | ppb   |
| Molybdenum | 96-1  | 2143.65  | 2182.10  | 2316.25  | 2214.00    | 4.09    | ppb   |
| Molybdenum | 97-1  | 2154.60  | 2171.69  | 2308.43  | 2211.58    | 3.81    | ppb   |
| Molybdenum | 98-1  | 2153.42  | 2176.59  | 2321.52  | 2217.18    | 4.11    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 671.77   | 679.29   | 698.35   | 683.14     | 2.01    | ppb   |
| Phosphorus | 31-2  | 1850.91  | 1674.63  | 2004.97  | 1843.50    | 8.97    | ppb   |
| Potassium  | 39-2  | 26110.76 | 26428.84 | 26891.15 | 26476.92   | 1.48    | ppb   |
| Rhodium    | 103-1 |          |          |          | 89         |         | %     |
| Rhodium    | 103-2 |          |          |          | 88         |         | %     |
| Scandium   | 45-1  |          |          |          | 91         |         | %     |
| Scandium   | 45-2  |          |          |          | 87         |         | %     |
| Selenium   | 77-2  | 488.10   | 607.19   | 480.67   | 525.32     | 13.52   | ppb   |
| Selenium   | 78-2  | 468.48   | 443.34   | 433.29   | 448.37     | 4.04    | ppb   |
| Selenium   | 82-1  | 429.19   | 437.02   | 461.27   | 442.49     | 3.78    | ppb   |
| Silicon    | 28-1  | 2642.30  | 2763.65  | 3005.50  | 2803.82    | 6.59    | ppb   |
| Silver     | 109-1 | 502.02   | 515.06   | 544.48   | 520.52     | 4.18    | ppb   |
| Silver     | 107-1 | 504.15   | 514.13   | 546.79   | 521.69     | 4.28    | ppb   |
| Sodium     | 23-2  | 48570.94 | 48796.32 | 49767.08 | 49044.78   | 1.30    | ppb   |
| Strontium  | 86-1  | 619.37   | 626.35   | 664.74   | 636.82     | 3.84    | ppb   |
| Strontium  | 88-1  | 610.63   | 622.34   | 659.71   | 630.89     | 4.06    | ppb   |
| Sulfur     | 34-1  | 1216.51  | 1533.18  | 2716.20  | 1821.96    | 43.38   | ppb   |
| Terbium    | 159-1 |          |          |          | 100        |         | %     |
| Terbium    | 159-2 |          |          |          | 100        |         | %     |
| Thallium   | 203-1 | 515.96   | 526.52   | 563.04   | 535.17     | 4.62    | ppb   |
| Thallium   | 205-1 | 508.26   | 525.07   | 564.21   | 532.51     | 5.39    | ppb   |
| Tin        | 118-1 | 532.42   | 543.18   | 575.02   | 550.21     | 4.03    | ppb   |
| Titanium   | 47-1  | 3165.78  | 3298.65  | 3560.75  | 3341.73    | 6.01    | ppb   |
| Uranium    | 238-1 | 510.91   | 527.30   | 560.95   | 533.05     | 4.79    | ppb   |
| Vanadium   | 51-2  | 584.62   | 588.71   | 605.64   | 592.99     | 1.88    | ppb   |
| Yttrium    | 89-1  |          |          |          | 108        |         | %     |
| Yttrium    | 89-2  |          |          |          | 103        |         | %     |
| Zinc       | 66-2  | 1373.56  | 1384.58  | 1424.19  | 1394.11    | 1.91    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5150-01A           | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-0926-S-10BA    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 14:58:44 | DataFile Name :   | 032SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 454.96  | 460.03  | 492.67  | 469.22     | 4.36    | ppb   |
| Zirconium | 91-1 | 454.89  | 465.24  | 499.26  | 473.13     | 4.91    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV93               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV93               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 15:01:57 | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 51531.18  | 51090.19  | 51038.04  | 51219.81   | 0.53    | ppb   |
| Antimony   | 121-1 | 503.63    | 511.18    | 514.11    | 509.64     | 1.06    | ppb   |
| Arsenic    | 75-2  | 504.43    | 502.38    | 494.29    | 500.37     | 1.07    | ppb   |
| Barium     | 135-1 | 2535.17   | 2590.18   | 2585.29   | 2570.21    | 1.18    | ppb   |
| Barium     | 137-1 | 2523.33   | 2554.36   | 2568.80   | 2548.83    | 0.91    | ppb   |
| Beryllium  | 9-1   | 533.43    | 526.83    | 526.98    | 529.08     | 0.71    | ppb   |
| Bismuth    | 209-1 |           |           |           | 105        |         | %     |
| Bismuth    | 209-2 |           |           |           | 98         |         | %     |
| Boron      | 11-1  | 536.31    | 550.55    | 558.65    | 548.50     | 2.06    | ppb   |
| Boron      | 10-1  | 533.80    | 544.82    | 562.11    | 546.91     | 2.61    | ppb   |
| Cadmium    | 106-1 | 505.49    | 508.80    | 505.93    | 506.74     | 0.36    | ppb   |
| Cadmium    | 108-1 | 498.29    | 509.73    | 508.79    | 505.60     | 1.26    | ppb   |
| Cadmium    | 111-1 | 486.56    | 491.07    | 497.70    | 491.78     | 1.14    | ppb   |
| Calcium    | 43-1  | 245782.91 | 247083.76 | 245767.12 | 246211.26  | 0.31    | ppb   |
| Calcium    | 44-1  | 244188.10 | 246754.27 | 247065.49 | 246002.62  | 0.64    | ppb   |
| Chromium   | 52-2  | 523.23    | 522.77    | 519.25    | 521.75     | 0.42    | ppb   |
| Cobalt     | 59-2  | 495.50    | 495.44    | 487.77    | 492.91     | 0.90    | ppb   |
| Copper     | 63-2  | 958.71    | 953.52    | 956.45    | 956.23     | 0.27    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 109        |         | %     |
| Holmium    | 165-2 |           |           |           | 105        |         | %     |
| Indium     | 115-1 |           |           |           | 98         |         | %     |
| Indium     | 115-2 |           |           |           | 91         |         | %     |
| Iron       | 56-2  | 123310.21 | 123177.81 | 121234.65 | 122574.22  | 0.95    | ppb   |
| Iron       | 57-2  | 124814.04 | 124032.56 | 121504.94 | 123450.51  | 1.40    | ppb   |
| Krypton    | 83-1  | -10751.19 | -3813.61  | 4523.41   | -3347.13   |         | ppb   |
| Lead       | 207-1 | 513.95    | 524.41    | 520.82    | 519.72     | 1.02    | ppb   |
| Lead       | 208-1 | 511.42    | 521.10    | 520.91    | 517.81     | 1.07    | ppb   |
| Lead       | 206-1 | 517.67    | 522.90    | 523.00    | 521.19     | 0.58    | ppb   |
| Lithium    | 6-1   |           |           |           | 94         |         | %     |
| Magnesium  | 24-2  | 244853.75 | 243584.20 | 243022.92 | 243820.29  | 0.38    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV93               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV93               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 15:01:57 | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 1015.96   | 1019.31   | 1007.50   | 1014.26    | 0.60    | ppb   |
| Molybdenum | 94-1  | 2520.24   | 2571.89   | 2540.74   | 2544.29    | 1.02    | ppb   |
| Molybdenum | 95-1  | 2493.92   | 2557.26   | 2552.84   | 2534.67    | 1.40    | ppb   |
| Molybdenum | 96-1  | 2511.95   | 2552.07   | 2536.00   | 2533.34    | 0.80    | ppb   |
| Molybdenum | 97-1  | 2497.33   | 2559.94   | 2545.76   | 2534.35    | 1.30    | ppb   |
| Molybdenum | 98-1  | 2515.53   | 2564.37   | 2528.22   | 2536.04    | 1.00    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 506.71    | 499.91    | 492.72    | 499.78     | 1.40    | ppb   |
| Phosphorus | 31-2  | 11238.83  | 10612.10  | 10341.32  | 10730.75   | 4.29    | ppb   |
| Potassium  | 39-2  | 126851.33 | 125162.94 | 122677.02 | 124897.10  | 1.68    | ppb   |
| Rhodium    | 103-1 |           |           |           | 93         |         | %     |
| Rhodium    | 103-2 |           |           |           | 91         |         | %     |
| Scandium   | 45-1  |           |           |           | 92         |         | %     |
| Scandium   | 45-2  |           |           |           | 89         |         | %     |
| Selenium   | 77-2  | 509.85    | 499.99    | 511.82    | 507.22     | 1.25    | ppb   |
| Selenium   | 78-2  | 528.81    | 551.40    | 467.45    | 515.89     | 8.42    | ppb   |
| Selenium   | 82-1  | 488.73    | 500.04    | 495.25    | 494.67     | 1.15    | ppb   |
| Silicon    | 28-1  | 551.17    | 558.79    | 563.79    | 557.91     | 1.14    | ppb   |
| Silver     | 109-1 | 500.53    | 503.97    | 506.17    | 503.56     | 0.56    | ppb   |
| Silver     | 107-1 | 494.69    | 503.01    | 505.95    | 501.22     | 1.17    | ppb   |
| Sodium     | 23-2  | 246811.97 | 245608.44 | 243506.65 | 245309.02  | 0.68    | ppb   |
| Strontium  | 86-1  | 503.48    | 505.78    | 504.20    | 504.49     | 0.23    | ppb   |
| Strontium  | 88-1  | 505.74    | 517.64    | 511.03    | 511.47     | 1.17    | ppb   |
| Sulfur     | 34-1  | 9429.14   | 9657.21   | 9548.51   | 9544.95    | 1.20    | ppb   |
| Terbium    | 159-1 |           |           |           | 108        |         | %     |
| Terbium    | 159-2 |           |           |           | 104        |         | %     |
| Thallium   | 203-1 | 514.96    | 523.23    | 520.95    | 519.71     | 0.82    | ppb   |
| Thallium   | 205-1 | 513.21    | 517.61    | 514.42    | 515.08     | 0.44    | ppb   |
| Tin        | 118-1 | 509.54    | 520.13    | 519.17    | 516.28     | 1.13    | ppb   |
| Titanium   | 47-1  | 2544.16   | 2589.86   | 2608.54   | 2580.85    | 1.28    | ppb   |
| Uranium    | 238-1 | 513.77    | 520.62    | 518.30    | 517.56     | 0.67    | ppb   |
| Vanadium   | 51-2  | 511.47    | 510.29    | 504.86    | 508.87     | 0.69    | ppb   |
| Yttrium    | 89-1  |           |           |           | 99         |         | %     |
| Yttrium    | 89-2  |           |           |           | 92         |         | %     |
| Zinc       | 66-2  | 979.58    | 971.45    | 961.83    | 970.96     | 0.92    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV93               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV93               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 15:01:57 | DataFile Name :   | 033SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 506.78  | 510.80  | 507.61  | 508.39     | 0.42    | ppb   |
| Zirconium | 91-1 | 512.78  | 522.14  | 517.25  | 517.39     | 0.90    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB93               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB93               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 15:05:08 | DataFile Name :   | 034SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 1.57     | 0.08    | 1.18     | 0.94       | 81.73   | ppb   |
| Antimony   | 121-1 | 1.27     | 1.11    | 1.11     | 1.16       | 7.60    | ppb   |
| Arsenic    | 75-2  | 0.06     | 0.13    | 0.10     | 0.10       | 37.30   | ppb   |
| Barium     | 135-1 | 0.17     | 0.14    | 0.08     | 0.13       | 34.49   | ppb   |
| Barium     | 137-1 | 0.18     | 0.10    | 0.08     | 0.12       | 46.47   | ppb   |
| Beryllium  | 9-1   | 0.33     | 0.30    | 0.27     | 0.30       | 10.22   | ppb   |
| Bismuth    | 209-1 |          |         |          | 112        |         | %     |
| Bismuth    | 209-2 |          |         |          | 106        |         | %     |
| Boron      | 11-1  | 23.48    | 21.87   | 19.86    | 21.73      | 8.34    | ppb   |
| Boron      | 10-1  | 22.47    | 20.99   | 21.01    | 21.49      | 3.94    | ppb   |
| Cadmium    | 106-1 | -1.06    | -0.59   | -1.23    | -0.96      |         | ppb   |
| Cadmium    | 108-1 | 0.23     | 0.04    | -0.01    | 0.08       | 153.39  | ppb   |
| Cadmium    | 111-1 | -0.07    | 0.01    | -0.07    | -0.04      |         | ppb   |
| Calcium    | 43-1  | 11.22    | 10.25   | 0.96     | 7.48       | 75.78   | ppb   |
| Calcium    | 44-1  | 9.07     | 3.23    | -0.55    | 3.92       | 123.77  | ppb   |
| Chromium   | 52-2  | -0.01    | 0.05    | 0.04     | 0.03       | 105.54  | ppb   |
| Cobalt     | 59-2  | 0.01     | 0.01    | 0.02     | 0.01       | 24.14   | ppb   |
| Copper     | 63-2  | 0.03     | 0.01    | 0.03     | 0.03       | 45.75   | ppb   |
| Dysprosium | 156-1 |          |         |          |            |         | cps   |
| Dysprosium | 156-2 |          |         |          |            |         | cps   |
| Erbium     | 164-1 |          |         |          |            |         | cps   |
| Erbium     | 164-2 |          |         |          |            |         | cps   |
| Gadolinium | 160-1 |          |         |          |            |         | cps   |
| Gadolinium | 160-2 |          |         |          |            |         | cps   |
| Holmium    | 165-1 |          |         |          | 110        |         | %     |
| Holmium    | 165-2 |          |         |          | 107        |         | %     |
| Indium     | 115-1 |          |         |          | 105        |         | %     |
| Indium     | 115-2 |          |         |          | 98         |         | %     |
| Iron       | 56-2  | 6.12     | 5.77    | 5.45     | 5.78       | 5.81    | ppb   |
| Iron       | 57-2  | 8.55     | 3.73    | 4.01     | 5.43       | 49.88   | ppb   |
| Krypton    | 83-1  | -5474.51 | 2127.57 | -3816.27 | -2387.74   |         | ppb   |
| Lead       | 207-1 | 0.14     | 0.11    | 0.10     | 0.11       | 18.91   | ppb   |
| Lead       | 208-1 | 0.13     | 0.12    | 0.10     | 0.12       | 14.27   | ppb   |
| Lead       | 206-1 | 0.12     | 0.12    | 0.10     | 0.11       | 11.08   | ppb   |
| Lithium    | 6-1   |          |         |          | 100        |         | %     |
| Magnesium  | 24-2  | 4.37     | 7.51    | 3.98     | 5.29       | 36.57   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB93               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB93               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 15:05:08 | DataFile Name :   | 034SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|---------|------------|---------|-------|
| Manganese  | 55-2  | 0.07    | 0.00     | 0.14    | 0.07       | 96.02   | ppb   |
| Molybdenum | 94-1  | 0.98    | 0.90     | 0.77    | 0.89       | 11.64   | ppb   |
| Molybdenum | 95-1  | 1.14    | 0.98     | 0.84    | 0.98       | 15.32   | ppb   |
| Molybdenum | 96-1  | 1.03    | 0.87     | 0.78    | 0.89       | 14.13   | ppb   |
| Molybdenum | 97-1  | 1.05    | 1.06     | 0.87    | 0.99       | 10.86   | ppb   |
| Molybdenum | 98-1  | 1.13    | 1.03     | 0.87    | 1.01       | 13.06   | ppb   |
| Neodymium  | 150-1 |         |          |         |            |         | cps   |
| Neodymium  | 150-2 |         |          |         |            |         | cps   |
| Nickel     | 60-2  | 0.07    | 0.14     | -0.03   | 0.06       | 141.68  | ppb   |
| Phosphorus | 31-2  | -6.08   | -6.08    | -6.08   | -6.08      |         | ppb   |
| Potassium  | 39-2  | 19.85   | 41.17    | 51.92   | 37.65      | 43.35   | ppb   |
| Rhodium    | 103-1 |         |          |         | 102        |         | %     |
| Rhodium    | 103-2 |         |          |         | 99         |         | %     |
| Scandium   | 45-1  |         |          |         | 94         |         | %     |
| Scandium   | 45-2  |         |          |         | 91         |         | %     |
| Selenium   | 77-2  | 0.00    | 4.43     | 0.00    | 1.48       | 173.21  | ppb   |
| Selenium   | 78-2  | 0.52    | -0.23    | 1.25    | 0.51       | 145.23  | ppb   |
| Selenium   | 82-1  | 0.32    | 0.00     | 0.29    | 0.20       | 88.40   | ppb   |
| Silicon    | 28-1  | -7.26   | -9.30    | -8.88   | -8.48      |         | ppb   |
| Silver     | 109-1 | 0.07    | 0.06     | 0.05    | 0.06       | 21.20   | ppb   |
| Silver     | 107-1 | 0.05    | 0.06     | 0.05    | 0.06       | 10.61   | ppb   |
| Sodium     | 23-2  | 71.84   | 70.11    | 63.99   | 68.65      | 6.01    | ppb   |
| Strontium  | 86-1  | 0.00    | -0.04    | -0.05   | -0.03      |         | ppb   |
| Strontium  | 88-1  | 0.03    | 0.02     | 0.02    | 0.02       | 39.81   | ppb   |
| Sulfur     | 34-1  | -930.11 | -1006.02 | -921.29 | -952.47    |         | ppb   |
| Terbium    | 159-1 |         |          |         | 109        |         | %     |
| Terbium    | 159-2 |         |          |         | 107        |         | %     |
| Thallium   | 203-1 | 0.24    | 0.22     | 0.22    | 0.22       | 5.56    | ppb   |
| Thallium   | 205-1 | 0.24    | 0.21     | 0.21    | 0.22       | 7.86    | ppb   |
| Tin        | 118-1 | 0.35    | 0.31     | 0.28    | 0.31       | 11.65   | ppb   |
| Titanium   | 47-1  | 0.29    | 0.18     | 0.11    | 0.19       | 47.81   | ppb   |
| Uranium    | 238-1 | 0.04    | 0.03     | 0.02    | 0.03       | 31.52   | ppb   |
| Vanadium   | 51-2  | -0.01   | 0.01     | -0.01   | 0.00       |         | ppb   |
| Yttrium    | 89-1  |         |          |         | 102        |         | %     |
| Yttrium    | 89-2  |         |          |         | 95         |         | %     |
| Zinc       | 66-2  | -0.06   | 0.32     | 0.02    | 0.09       | 218.86  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB93               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB93               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 15:05:08 | DataFile Name :   | 034SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.15    | 0.12    | 0.11    | 0.13       | 14.78   | ppb   |
| Zirconium | 91-1 | 0.11    | 0.14    | 0.10    | 0.12       | 16.89   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5223-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-1001-S-DH-02   | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 15:08:31 | DataFile Name :   | 035SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 27907.27 | 28458.45 | 27494.90 | 27953.54   | 1.73    | ppb   |
| Antimony   | 121-1 | 0.77     | 0.82     | 0.85     | 0.81       | 5.19    | ppb   |
| Arsenic    | 75-2  | 13.46    | 12.94    | 12.79    | 13.06      | 2.67    | ppb   |
| Barium     | 135-1 | 196.51   | 198.32   | 207.57   | 200.80     | 2.95    | ppb   |
| Barium     | 137-1 | 194.35   | 198.72   | 207.70   | 200.25     | 3.40    | ppb   |
| Beryllium  | 9-1   | 2.47     | 2.40     | 2.60     | 2.49       | 3.95    | ppb   |
| Bismuth    | 209-1 |          |          |          | 104        |         | %     |
| Bismuth    | 209-2 |          |          |          | 99         |         | %     |
| Boron      | 11-1  | 21.89    | 21.45    | 21.15    | 21.50      | 1.73    | ppb   |
| Boron      | 10-1  | 21.85    | 22.91    | 21.14    | 21.97      | 4.07    | ppb   |
| Cadmium    | 106-1 | 5.10     | 5.46     | 6.37     | 5.64       | 11.54   | ppb   |
| Cadmium    | 108-1 | 2.90     | 3.48     | 3.23     | 3.20       | 9.02    | ppb   |
| Cadmium    | 111-1 | 0.99     | 0.98     | 1.12     | 1.03       | 7.83    | ppb   |
| Calcium    | 43-1  | 29271.93 | 29153.58 | 30427.26 | 29617.59   | 2.38    | ppb   |
| Calcium    | 44-1  | 29112.45 | 29192.35 | 30084.29 | 29463.03   | 1.83    | ppb   |
| Chromium   | 52-2  | 80.19    | 81.97    | 79.16    | 80.44      | 1.76    | ppb   |
| Cobalt     | 59-2  | 54.03    | 55.47    | 53.68    | 54.39      | 1.74    | ppb   |
| Copper     | 63-2  | 105.15   | 108.22   | 102.95   | 105.44     | 2.51    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 105        |         | %     |
| Holmium    | 165-2 |          |          |          | 103        |         | %     |
| Indium     | 115-1 |          |          |          | 98         |         | %     |
| Indium     | 115-2 |          |          |          | 95         |         | %     |
| Iron       | 56-2  | 83157.15 | 85225.62 | 81645.33 | 83342.70   | 2.16    | ppb   |
| Iron       | 57-2  | 81201.90 | 83743.47 | 80188.06 | 81711.14   | 2.24    | ppb   |
| Krypton    | 83-1  | 3536.00  | -3857.77 | 7951.66  | 2543.30    | 234.62  | ppb   |
| Lead       | 207-1 | 88.19    | 88.44    | 93.30    | 89.98      | 3.20    | ppb   |
| Lead       | 208-1 | 92.66    | 93.48    | 97.98    | 94.71      | 3.02    | ppb   |
| Lead       | 206-1 | 97.55    | 98.72    | 102.80   | 99.69      | 2.76    | ppb   |
| Lithium    | 6-1   |          |          |          | 96         |         | %     |
| Magnesium  | 24-2  | 34226.56 | 35050.89 | 33774.79 | 34350.75   | 1.88    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5223-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-1001-S-DH-02   | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 15:08:31 | DataFile Name :   | 035SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Manganese  | 55-2  | 2234.94 | 2271.05 | 2204.32 | 2236.77    | 1.49    | ppb   |
| Molybdenum | 94-1  | 37.71   | 38.74   | 38.65   | 38.36      | 1.48    | ppb   |
| Molybdenum | 95-1  | 1.31    | 1.28    | 1.32    | 1.30       | 1.44    | ppb   |
| Molybdenum | 96-1  | 5.87    | 6.06    | 6.06    | 6.00       | 1.79    | ppb   |
| Molybdenum | 97-1  | 1.36    | 1.25    | 1.29    | 1.30       | 4.31    | ppb   |
| Molybdenum | 98-1  | 1.36    | 1.29    | 1.33    | 1.33       | 2.96    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 216.17  | 222.17  | 215.66  | 218.00     | 1.66    | ppb   |
| Phosphorus | 31-2  | 2036.85 | 2577.90 | 2123.46 | 2246.07    | 12.94   | ppb   |
| Potassium  | 39-2  | 3546.87 | 3671.77 | 3601.24 | 3606.62    | 1.74    | ppb   |
| Rhodium    | 103-1 |         |         |         | 95         |         | %     |
| Rhodium    | 103-2 |         |         |         | 94         |         | %     |
| Scandium   | 45-1  |         |         |         | 95         |         | %     |
| Scandium   | 45-2  |         |         |         | 94         |         | %     |
| Selenium   | 77-2  | 144.31  | 122.42  | 173.04  | 146.59     | 17.32   | ppb   |
| Selenium   | 78-2  | 17.94   | 20.50   | 21.75   | 20.06      | 9.68    | ppb   |
| Selenium   | 82-1  | 0.94    | 1.53    | 0.97    | 1.15       | 28.83   | ppb   |
| Silicon    | 28-1  | 4110.39 | 3910.95 | 4153.63 | 4058.32    | 3.19    | ppb   |
| Silver     | 109-1 | 0.33    | 0.36    | 0.39    | 0.36       | 8.49    | ppb   |
| Silver     | 107-1 | 0.40    | 0.37    | 0.38    | 0.38       | 4.45    | ppb   |
| Sodium     | 23-2  | 368.96  | 393.46  | 369.85  | 377.42     | 3.68    | ppb   |
| Strontium  | 86-1  | 38.15   | 38.13   | 39.47   | 38.58      | 1.99    | ppb   |
| Strontium  | 88-1  | 38.88   | 38.65   | 40.16   | 39.23      | 2.07    | ppb   |
| Sulfur     | 34-1  | -476.25 | -513.33 | -139.88 | -376.49    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 104        |         | %     |
| Terbium    | 159-2 |         |         |         | 103        |         | %     |
| Thallium   | 203-1 | 0.51    | 0.51    | 0.52    | 0.51       | 0.84    | ppb   |
| Thallium   | 205-1 | 0.48    | 0.49    | 0.50    | 0.49       | 1.27    | ppb   |
| Tin        | 118-1 | 2.42    | 2.55    | 2.52    | 2.50       | 2.77    | ppb   |
| Titanium   | 47-1  | 473.66  | 474.34  | 499.98  | 482.66     | 3.11    | ppb   |
| Uranium    | 238-1 | 3.58    | 3.59    | 3.72    | 3.63       | 2.13    | ppb   |
| Vanadium   | 51-2  | 78.11   | 81.54   | 77.94   | 79.20      | 2.56    | ppb   |
| Yttrium    | 89-1  |         |         |         | 117        |         | %     |
| Yttrium    | 89-2  |         |         |         | 114        |         | %     |
| Zinc       | 66-2  | 252.76  | 259.75  | 250.13  | 254.22     | 1.96    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5223-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-1001-S-DH-02   | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 15:08:31 | DataFile Name :   | 035SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 24.55   | 24.27   | 24.98   | 24.60      | 1.45    | ppb   |
| Zirconium | 91-1 | 23.83   | 24.55   | 25.04   | 24.47      | 2.49    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5223-03DLX5        | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-1001-S-DH-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-10-11 15:17:50 | DataFile Name :   | 036SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 12222.53 | 12158.92 | 12112.89  | 12164.78   | 0.45    | ppb   |
| Antimony   | 121-1 | 0.11     | 0.14     | 0.11      | 0.12       | 13.54   | ppb   |
| Arsenic    | 75-2  | 5.76     | 6.55     | 5.86      | 6.06       | 7.07    | ppb   |
| Barium     | 135-1 | 138.00   | 136.84   | 140.56    | 138.47     | 1.38    | ppb   |
| Barium     | 137-1 | 137.84   | 136.70   | 139.86    | 138.13     | 1.16    | ppb   |
| Beryllium  | 9-1   | 1.15     | 1.02     | 0.96      | 1.05       | 9.17    | ppb   |
| Bismuth    | 209-1 |          |          |           | 105        |         | %     |
| Bismuth    | 209-2 |          |          |           | 103        |         | %     |
| Boron      | 11-1  | 6.77     | 7.20     | 6.80      | 6.92       | 3.43    | ppb   |
| Boron      | 10-1  | 6.59     | 7.76     | 6.43      | 6.93       | 10.50   | ppb   |
| Cadmium    | 106-1 | -0.57    | 0.80     | 0.39      | 0.21       | 339.09  | ppb   |
| Cadmium    | 108-1 | 0.81     | 0.63     | 0.65      | 0.70       | 14.48   | ppb   |
| Cadmium    | 111-1 | 0.11     | 0.19     | 0.17      | 0.16       | 27.48   | ppb   |
| Calcium    | 43-1  | 1975.02  | 1908.50  | 1943.57   | 1942.36    | 1.71    | ppb   |
| Calcium    | 44-1  | 1931.21  | 1916.47  | 1944.80   | 1930.83    | 0.73    | ppb   |
| Chromium   | 52-2  | 79.56    | 80.52    | 79.02     | 79.70      | 0.95    | ppb   |
| Cobalt     | 59-2  | 45.97    | 46.67    | 45.65     | 46.09      | 1.13    | ppb   |
| Copper     | 63-2  | 33.18    | 32.87    | 32.58     | 32.88      | 0.92    | ppb   |
| Dysprosium | 156-1 |          |          |           |            |         | cps   |
| Dysprosium | 156-2 |          |          |           |            |         | cps   |
| Erbium     | 164-1 |          |          |           |            |         | cps   |
| Erbium     | 164-2 |          |          |           |            |         | cps   |
| Gadolinium | 160-1 |          |          |           |            |         | cps   |
| Gadolinium | 160-2 |          |          |           |            |         | cps   |
| Holmium    | 165-1 |          |          |           | 106        |         | %     |
| Holmium    | 165-2 |          |          |           | 107        |         | %     |
| Indium     | 115-1 |          |          |           | 103        |         | %     |
| Indium     | 115-2 |          |          |           | 101        |         | %     |
| Iron       | 56-2  | 35881.80 | 36020.35 | 35745.66  | 35882.61   | 0.38    | ppb   |
| Iron       | 57-2  | 35361.44 | 35359.22 | 35063.75  | 35261.47   | 0.49    | ppb   |
| Krypton    | 83-1  | 11702.91 | 1713.60  | -10403.05 | 1004.49    | 1102.06 | ppb   |
| Lead       | 207-1 | 22.21    | 21.78    | 22.22     | 22.07      | 1.14    | ppb   |
| Lead       | 208-1 | 23.17    | 22.85    | 23.32     | 23.12      | 1.03    | ppb   |
| Lead       | 206-1 | 24.24    | 23.96    | 24.74     | 24.31      | 1.64    | ppb   |
| Lithium    | 6-1   |          |          |           | 99         |         | %     |
| Magnesium  | 24-2  | 19876.50 | 20096.80 | 19756.73  | 19910.01   | 0.87    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5223-03DLX5        | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-1001-S-DH-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-10-11 15:17:50 | DataFile Name :   | 036SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 875.18   | 876.50   | 863.36   | 871.68     | 0.83    | ppb   |
| Molybdenum | 94-1  | 10.09    | 9.87     | 10.35    | 10.10      | 2.38    | ppb   |
| Molybdenum | 95-1  | 0.37     | 0.35     | 0.37     | 0.36       | 3.53    | ppb   |
| Molybdenum | 96-1  | 1.51     | 1.62     | 1.65     | 1.59       | 4.58    | ppb   |
| Molybdenum | 97-1  | 0.36     | 0.33     | 0.34     | 0.34       | 3.29    | ppb   |
| Molybdenum | 98-1  | 0.38     | 0.36     | 0.37     | 0.37       | 2.74    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 536.59   | 535.96   | 527.58   | 533.38     | 0.94    | ppb   |
| Phosphorus | 31-2  | 623.79   | 328.93   | 543.36   | 498.69     | 30.56   | ppb   |
| Potassium  | 39-2  | 1730.89  | 1786.19  | 1756.36  | 1757.81    | 1.57    | ppb   |
| Rhodium    | 103-1 |          |          |          | 101        |         | %     |
| Rhodium    | 103-2 |          |          |          | 102        |         | %     |
| Scandium   | 45-1  |          |          |          | 101        |         | %     |
| Scandium   | 45-2  |          |          |          | 102        |         | %     |
| Selenium   | 77-2  | 26.86    | 34.33    | 76.73    | 45.97      | 58.51   | ppb   |
| Selenium   | 78-2  | 8.87     | 6.87     | 3.66     | 6.47       | 40.58   | ppb   |
| Selenium   | 82-1  | 0.13     | 0.41     | 0.99     | 0.51       | 85.89   | ppb   |
| Silicon    | 28-1  | 902.57   | 879.81   | 896.43   | 892.93     | 1.32    | ppb   |
| Silver     | 109-1 | 0.06     | 0.05     | 0.06     | 0.06       | 12.63   | ppb   |
| Silver     | 107-1 | 0.05     | 0.05     | 0.05     | 0.05       | 4.44    | ppb   |
| Sodium     | 23-2  | 164.75   | 171.51   | 162.70   | 166.32     | 2.77    | ppb   |
| Strontium  | 86-1  | 10.53    | 10.31    | 10.73    | 10.53      | 2.00    | ppb   |
| Strontium  | 88-1  | 10.51    | 10.43    | 10.77    | 10.57      | 1.67    | ppb   |
| Sulfur     | 34-1  | -1813.07 | -2015.46 | -2152.55 | -1993.69   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 106        |         | %     |
| Terbium    | 159-2 |          |          |          | 108        |         | %     |
| Thallium   | 203-1 | 0.25     | 0.24     | 0.25     | 0.25       | 2.38    | ppb   |
| Thallium   | 205-1 | 0.24     | 0.25     | 0.25     | 0.25       | 2.64    | ppb   |
| Tin        | 118-1 | 0.34     | 0.34     | 0.32     | 0.33       | 2.61    | ppb   |
| Titanium   | 47-1  | 280.35   | 270.70   | 279.30   | 276.79     | 1.91    | ppb   |
| Uranium    | 238-1 | 1.60     | 1.56     | 1.63     | 1.60       | 2.23    | ppb   |
| Vanadium   | 51-2  | 36.35    | 35.83    | 37.13    | 36.44      | 1.80    | ppb   |
| Yttrium    | 89-1  |          |          |          | 110        |         | %     |
| Yttrium    | 89-2  |          |          |          | 110        |         | %     |
| Zinc       | 66-2  | 78.80    | 77.84    | 80.59    | 79.08      | 1.77    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5223-03DLX5        | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-1001-S-DH-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-10-11 15:17:50 | DataFile Name :   | 036SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 6.53    | 6.49    | 6.65    | 6.55       | 1.29    | ppb   |
| Zirconium | 91-1 | 6.09    | 6.40    | 6.60    | 6.36       | 4.00    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB98566             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV94               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV94               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-10-11 15:47:47 | DataFile Name :   | 045CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 49728.36  | 51246.31  | 49007.79  | 49994.15   | 2.29    | ppb   |
| Antimony   | 121-1 | 536.78    | 504.80    | 495.69    | 512.42     | 4.21    | ppb   |
| Arsenic    | 75-2  | 491.37    | 502.76    | 485.28    | 493.14     | 1.80    | ppb   |
| Barium     | 135-1 | 2739.77   | 2584.82   | 2551.71   | 2625.43    | 3.82    | ppb   |
| Barium     | 137-1 | 2751.17   | 2570.49   | 2543.49   | 2621.71    | 4.31    | ppb   |
| Beryllium  | 9-1   | 549.75    | 527.06    | 513.92    | 530.24     | 3.42    | ppb   |
| Bismuth    | 209-1 |           |           |           | 103        |         | %     |
| Bismuth    | 209-2 |           |           |           | 98         |         | %     |
| Boron      | 11-1  | 570.23    | 552.54    | 549.52    | 557.43     | 2.01    | ppb   |
| Boron      | 10-1  | 569.96    | 549.73    | 533.32    | 551.00     | 3.33    | ppb   |
| Cadmium    | 106-1 | 526.32    | 487.14    | 490.91    | 501.46     | 4.31    | ppb   |
| Cadmium    | 108-1 | 523.66    | 499.12    | 494.13    | 505.64     | 3.13    | ppb   |
| Cadmium    | 111-1 | 520.33    | 486.90    | 479.30    | 495.51     | 4.41    | ppb   |
| Calcium    | 43-1  | 263519.12 | 249537.46 | 243043.28 | 252033.29  | 4.15    | ppb   |
| Calcium    | 44-1  | 261935.14 | 249085.33 | 245509.32 | 252176.60  | 3.43    | ppb   |
| Chromium   | 52-2  | 517.01    | 534.47    | 510.50    | 520.66     | 2.38    | ppb   |
| Cobalt     | 59-2  | 489.92    | 506.35    | 482.50    | 492.92     | 2.48    | ppb   |
| Copper     | 63-2  | 945.01    | 979.96    | 940.27    | 955.08     | 2.27    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 107        |         | %     |
| Holmium    | 165-2 |           |           |           | 105        |         | %     |
| Indium     | 115-1 |           |           |           | 95         |         | %     |
| Indium     | 115-2 |           |           |           | 89         |         | %     |
| Iron       | 56-2  | 121528.82 | 125157.91 | 119857.27 | 122181.33  | 2.22    | ppb   |
| Iron       | 57-2  | 122542.06 | 126956.27 | 121029.51 | 123509.28  | 2.49    | ppb   |
| Krypton    | 83-1  | 15956.36  | 11614.90  | 583.42    | 9384.90    | 84.45   | ppb   |
| Lead       | 207-1 | 563.32    | 530.50    | 513.38    | 535.73     | 4.74    | ppb   |
| Lead       | 208-1 | 558.71    | 526.26    | 511.33    | 532.10     | 4.55    | ppb   |
| Lead       | 206-1 | 554.58    | 524.76    | 519.01    | 532.79     | 3.58    | ppb   |
| Lithium    | 6-1   |           |           |           | 87         |         | %     |
| Magnesium  | 24-2  | 237217.18 | 244158.91 | 233950.44 | 238442.18  | 2.19    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB98566             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV94               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV94               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-10-11 15:47:47 | DataFile Name :   | 045CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Manganese  | 55-2  | 999.40    | 1029.70   | 983.23    | 1004.11    | 2.35    | ppb   |
| Molybdenum | 94-1  | 2770.90   | 2577.81   | 2535.42   | 2628.04    | 4.78    | ppb   |
| Molybdenum | 95-1  | 2749.65   | 2581.73   | 2528.05   | 2619.81    | 4.41    | ppb   |
| Molybdenum | 96-1  | 2770.77   | 2587.07   | 2529.83   | 2629.22    | 4.79    | ppb   |
| Molybdenum | 97-1  | 2787.90   | 2603.92   | 2532.70   | 2641.51    | 4.99    | ppb   |
| Molybdenum | 98-1  | 2748.93   | 2592.03   | 2543.38   | 2628.11    | 4.09    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 497.09    | 515.25    | 491.43    | 501.26     | 2.48    | ppb   |
| Phosphorus | 31-2  | 9999.95   | 10427.36  | 9936.88   | 10121.40   | 2.64    | ppb   |
| Potassium  | 39-2  | 120776.52 | 123770.19 | 117930.38 | 120825.70  | 2.42    | ppb   |
| Rhodium    | 103-1 |           |           |           | 89         |         | %     |
| Rhodium    | 103-2 |           |           |           | 88         |         | %     |
| Scandium   | 45-1  |           |           |           | 86         |         | %     |
| Scandium   | 45-2  |           |           |           | 84         |         | %     |
| Selenium   | 77-2  | 434.03    | 402.90    | 483.77    | 440.24     | 9.27    | ppb   |
| Selenium   | 78-2  | 484.83    | 484.71    | 465.96    | 478.50     | 2.27    | ppb   |
| Selenium   | 82-1  | 530.98    | 496.08    | 491.25    | 506.11     | 4.28    | ppb   |
| Silicon    | 28-1  | 586.62    | 552.26    | 550.98    | 563.28     | 3.59    | ppb   |
| Silver     | 109-1 | 536.19    | 497.90    | 497.67    | 510.59     | 4.34    | ppb   |
| Silver     | 107-1 | 537.82    | 498.61    | 493.98    | 510.14     | 4.72    | ppb   |
| Sodium     | 23-2  | 237354.51 | 246087.91 | 234938.29 | 239460.24  | 2.45    | ppb   |
| Strontium  | 86-1  | 537.81    | 505.47    | 499.98    | 514.42     | 3.97    | ppb   |
| Strontium  | 88-1  | 550.37    | 518.98    | 506.65    | 525.33     | 4.29    | ppb   |
| Sulfur     | 34-1  | 10541.45  | 9754.12   | 9371.26   | 9888.94    | 6.03    | ppb   |
| Terbium    | 159-1 |           |           |           | 105        |         | %     |
| Terbium    | 159-2 |           |           |           | 104        |         | %     |
| Thallium   | 203-1 | 557.39    | 525.20    | 510.74    | 531.11     | 4.50    | ppb   |
| Thallium   | 205-1 | 553.08    | 523.70    | 506.70    | 527.83     | 4.45    | ppb   |
| Tin        | 118-1 | 553.09    | 512.82    | 510.26    | 525.39     | 4.57    | ppb   |
| Titanium   | 47-1  | 2764.81   | 2605.20   | 2573.17   | 2647.73    | 3.88    | ppb   |
| Uranium    | 238-1 | 559.70    | 523.28    | 513.42    | 532.13     | 4.58    | ppb   |
| Vanadium   | 51-2  | 500.30    | 515.31    | 495.95    | 503.86     | 2.02    | ppb   |
| Yttrium    | 89-1  |           |           |           | 94         |         | %     |
| Yttrium    | 89-2  |           |           |           | 89         |         | %     |
| Zinc       | 66-2  | 949.26    | 987.31    | 941.01    | 959.19     | 2.57    | ppb   |



|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB98566             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV94               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV94               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-10-11 15:47:47 | DataFile Name :   | 045CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 552.60  | 520.08  | 511.15  | 527.94     | 4.13    | ppb   |
| Zirconium | 91-1 | 562.53  | 523.80  | 517.61  | 534.65     | 4.55    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB94               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB94               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 15:50:59 | DataFile Name :   | 046CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 1.03     | 1.92     | 2.22     | 1.72       | 36.00   | ppb   |
| Antimony   | 121-1 | 1.54     | 1.42     | 1.35     | 1.44       | 6.69    | ppb   |
| Arsenic    | 75-2  | 0.14     | 0.24     | 0.18     | 0.19       | 26.72   | ppb   |
| Barium     | 135-1 | 0.08     | 0.12     | 0.06     | 0.09       | 37.28   | ppb   |
| Barium     | 137-1 | 0.09     | 0.08     | 0.07     | 0.08       | 13.66   | ppb   |
| Beryllium  | 9-1   | 0.38     | 0.36     | 0.39     | 0.37       | 4.10    | ppb   |
| Bismuth    | 209-1 |          |          |          | 115        |         | %     |
| Bismuth    | 209-2 |          |          |          | 107        |         | %     |
| Boron      | 11-1  | 27.13    | 25.74    | 24.99    | 25.95      | 4.18    | ppb   |
| Boron      | 10-1  | 27.53    | 26.43    | 23.90    | 25.96      | 7.18    | ppb   |
| Cadmium    | 106-1 | -1.09    | -0.75    | -1.23    | -1.02      |         | ppb   |
| Cadmium    | 108-1 | -0.01    | 0.06     | 0.13     | 0.06       | 122.32  | ppb   |
| Cadmium    | 111-1 | -0.02    | -0.02    | -0.03    | -0.02      |         | ppb   |
| Calcium    | 43-1  | 6.05     | 2.15     | -0.96    | 2.42       | 145.39  | ppb   |
| Calcium    | 44-1  | -0.64    | -0.20    | 0.11     | -0.24      |         | ppb   |
| Chromium   | 52-2  | 0.11     | 0.01     | -0.01    | 0.04       | 186.58  | ppb   |
| Cobalt     | 59-2  | 0.03     | 0.00     | 0.02     | 0.02       | 72.18   | ppb   |
| Copper     | 63-2  | 0.12     | 0.15     | 0.12     | 0.13       | 13.89   | 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 |          |          |          | 110        |         | %     |
| Holmium    | 165-2 |          |          |          | 107        |         | %     |
| Indium     | 115-1 |          |          |          | 104        |         | %     |
| Indium     | 115-2 |          |          |          | 96         |         | %     |
| Iron       | 56-2  | 7.07     | 7.13     | 6.74     | 6.98       | 3.03    | ppb   |
| Iron       | 57-2  | 8.96     | 6.27     | 8.86     | 8.03       | 19.02   | ppb   |
| Krypton    | 83-1  | -1429.17 | -4877.94 | -9709.72 | -5338.95   |         | ppb   |
| Lead       | 207-1 | 0.08     | 0.08     | 0.09     | 0.08       | 6.70    | ppb   |
| Lead       | 208-1 | 0.08     | 0.09     | 0.08     | 0.08       | 4.60    | ppb   |
| Lead       | 206-1 | 0.09     | 0.08     | 0.06     | 0.08       | 15.38   | ppb   |
| Lithium    | 6-1   |          |          |          | 97         |         | %     |
| Magnesium  | 24-2  | 11.00    | 8.29     | 13.26    | 10.85      | 22.96   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB94               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB94               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 15:50:59 | DataFile Name :   | 046CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|----------|------------|---------|-------|
| Manganese  | 55-2  | 0.09    | 0.06     | -0.05    | 0.03       | 230.62  | ppb   |
| Molybdenum | 94-1  | 0.89    | 0.90     | 0.73     | 0.84       | 11.45   | ppb   |
| Molybdenum | 95-1  | 1.01    | 0.95     | 0.79     | 0.92       | 12.87   | ppb   |
| Molybdenum | 96-1  | 1.02    | 0.89     | 0.79     | 0.90       | 12.62   | ppb   |
| Molybdenum | 97-1  | 0.88    | 0.86     | 0.81     | 0.85       | 3.73    | ppb   |
| Molybdenum | 98-1  | 0.94    | 0.95     | 0.82     | 0.90       | 8.27    | ppb   |
| Neodymium  | 150-1 |         |          |          |            |         | cps   |
| Neodymium  | 150-2 |         |          |          |            |         | cps   |
| Nickel     | 60-2  | -0.07   | 0.00     | -0.04    | -0.03      |         | ppb   |
| Phosphorus | 31-2  | -6.08   | -6.08    | 38.09    | 8.65       | 294.91  | ppb   |
| Potassium  | 39-2  | 12.52   | -3.19    | -0.23    | 3.03       | 275.12  | ppb   |
| Rhodium    | 103-1 |         |          |          | 101        |         | %     |
| Rhodium    | 103-2 |         |          |          | 98         |         | %     |
| Scandium   | 45-1  |         |          |          | 89         |         | %     |
| Scandium   | 45-2  |         |          |          | 84         |         | %     |
| Selenium   | 77-2  | 9.06    | 0.00     | 0.00     | 3.02       | 173.21  | ppb   |
| Selenium   | 78-2  | 1.30    | 0.54     | 0.54     | 0.79       | 55.09   | ppb   |
| Selenium   | 82-1  | 0.10    | 0.53     | 0.56     | 0.40       | 64.95   | ppb   |
| Silicon    | 28-1  | -8.70   | -9.47    | -10.34   | -9.50      |         | ppb   |
| Silver     | 109-1 | 0.10    | 0.09     | 0.08     | 0.09       | 9.92    | ppb   |
| Silver     | 107-1 | 0.09    | 0.08     | 0.09     | 0.09       | 6.57    | ppb   |
| Sodium     | 23-2  | 92.55   | 92.56    | 89.61    | 91.57      | 1.85    | ppb   |
| Strontium  | 86-1  | -0.02   | -0.07    | -0.01    | -0.03      |         | ppb   |
| Strontium  | 88-1  | 0.02    | 0.02     | 0.02     | 0.02       | 12.95   | ppb   |
| Sulfur     | 34-1  | -890.09 | -1029.87 | -1016.96 | -978.98    |         | ppb   |
| Terbium    | 159-1 |         |          |          | 109        |         | %     |
| Terbium    | 159-2 |         |          |          | 107        |         | %     |
| Thallium   | 203-1 | 0.33    | 0.28     | 0.26     | 0.29       | 11.50   | ppb   |
| Thallium   | 205-1 | 0.31    | 0.31     | 0.29     | 0.30       | 3.44    | ppb   |
| Tin        | 118-1 | 0.46    | 0.45     | 0.41     | 0.44       | 5.87    | ppb   |
| Titanium   | 47-1  | 0.13    | 0.17     | 0.20     | 0.16       | 22.21   | ppb   |
| Uranium    | 238-1 | 0.02    | 0.02     | 0.02     | 0.02       | 1.95    | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.04     | 0.04     | 0.03       | 53.51   | ppb   |
| Yttrium    | 89-1  |         |          |          | 99         |         | %     |
| Yttrium    | 89-2  |         |          |          | 92         |         | %     |
| Zinc       | 66-2  | 0.29    | 0.26     | 0.29     | 0.28       | 6.45    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB94               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB94               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 15:50:59 | DataFile Name :   | 046CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 90-1 | 0.11    | 0.10    | 0.11    | 0.11       | 4.82    | ppb   |
| Zirconium | 91-1 | 0.13    | 0.13    | 0.14    | 0.13       | 5.91    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 12:15:40 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 10      | 15      | 15      | 13      | 21.65  | cps   |
| Antimony   | 121-1 | 250     | 175     | 383     | 269     | 39.16  | cps   |
| Arsenic    | 75-2  | 2       | 2       | 6       | 3       | 69.39  | cps   |
| Barium     | 135-1 | 17      | 83      | 33      | 44      | 78.06  | cps   |
| Barium     | 137-1 | 75      | 58      | 67      | 67      | 12.49  | cps   |
| Beryllium  | 9-1   | 161     | 89      | 78      | 109     | 41.42  | cps   |
| Bismuth    | 209-1 | 5437379 | 5559209 | 5415852 | 5470813 | 1.41   | cps   |
| Bismuth    | 209-2 | 1327253 | 1410068 | 1435461 | 1390928 | 4.07   | cps   |
| Boron      | 11-1  | 1058    | 975     | 900     | 978     | 8.10   | cps   |
| Boron      | 10-1  | 175     | 225     | 225     | 208     | 13.86  | cps   |
| Cadmium    | 106-1 | 1592    | 1358    | 1617    | 1522    | 9.36   | cps   |
| Cadmium    | 108-1 | 13      | 4       | 13      | 10      | 49.46  | cps   |
| Cadmium    | 111-1 | 1131    | 956     | 1127    | 1071    | 9.30   | cps   |
| Calcium    | 43-1  | 367     | 383     | 542     | 431     | 22.43  | cps   |
| Calcium    | 44-1  | 13866   | 14250   | 14583   | 14233   | 2.52   | cps   |
| Chromium   | 52-2  | 373     | 423     | 437     | 411     | 8.12   | cps   |
| Cobalt     | 59-2  | 70      | 60      | 33      | 54      | 34.82  | cps   |
| Copper     | 63-2  | 317     | 333     | 350     | 333     | 5.00   | cps   |
| Dysprosium | 156-1 | 25      | 8       | 25      | 19      | 49.50  | cps   |
| Dysprosium | 156-2 | 7       | 0       | 0       | 2       | 173.21 | cps   |
| Erbium     | 164-1 | 25      | 33      | 8       | 22      | 57.30  | cps   |
| Erbium     | 164-2 | 7       | 0       | 3       | 3       | 100.05 | cps   |
| Gadolinium | 160-1 | 75      | 83      | 83      | 81      | 5.98   | cps   |
| Gadolinium | 160-2 | 7       | 10      | 3       | 7       | 50.03  | cps   |
| Holmium    | 165-1 | 7851745 | 7851918 | 7749753 | 7817805 | 0.75   | cps   |
| Holmium    | 165-2 | 1574666 | 1672139 | 1710569 | 1652458 | 4.24   | cps   |
| Indium     | 115-1 | 6048171 | 6099787 | 6063045 | 6070334 | 0.44   | cps   |
| Indium     | 115-2 | 250228  | 263523  | 267910  | 260554  | 3.53   | cps   |
| Iron       | 56-2  | 1139    | 1045    | 1089    | 1091    | 4.33   | cps   |
| Iron       | 57-2  | 28      | 22      | 28      | 26      | 12.38  | cps   |
| Krypton    | 83-1  | 367     | 420     | 377     | 388     | 7.31   | cps   |
| Lead       | 207-1 | 189     | 278     | 339     | 269     | 28.09  | cps   |
| Lead       | 208-1 | 1033    | 1195    | 1072    | 1100    | 7.64   | cps   |
| Lead       | 206-1 | 272     | 294     | 283     | 283     | 3.92   | cps   |
| Lithium    | 6-1   | 1122318 | 1121485 | 1116069 | 1119957 | 0.30   | cps   |
| Magnesium  | 24-2  | 375     | 367     | 433     | 392     | 9.27   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 12:15:40 | DataFile Name :   | 003CALB.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Manganese  | 55-2  | 27      | 30      | 30      | 29      | 6.65    | cps   |
| Molybdenum | 94-1  | 200     | 292     | 258     | 250     | 18.56   | cps   |
| Molybdenum | 95-1  | 208     | 142     | 108     | 153     | 33.33   | cps   |
| Molybdenum | 96-1  | 217     | 233     | 292     | 247     | 15.93   | cps   |
| Molybdenum | 97-1  | 133     | 133     | 117     | 128     | 7.53    | cps   |
| Molybdenum | 98-1  | 167     | 275     | 167     | 203     | 30.84   | cps   |
| Neodymium  | 150-1 | 13      | 0       | 13      | 9       | 86.60   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Nickel     | 60-2  | 377     | 303     | 360     | 347     | 11.09   | cps   |
| Phosphorus | 31-2  | 0       | 0       | 8       | 3       | 173.21  | cps   |
| Potassium  | 39-2  | 2684    | 2334    | 2425    | 2481    | 7.32    | cps   |
| Rhodium    | 103-1 | 5813074 | 5863318 | 5720546 | 5798979 | 1.25    | cps   |
| Rhodium    | 103-2 | 1452073 | 1544355 | 1579266 | 1525231 | 4.31    | cps   |
| Scandium   | 45-1  | 3557700 | 3677937 | 3538682 | 3591440 | 2.10    | cps   |
| Scandium   | 45-2  | 24699   | 25917   | 26505   | 25707   | 3.58    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 0       | 2       | 0       | 1       | 173.21  | cps   |
| Selenium   | 82-1  | 14      | -32     | -37     | -19     | -150.23 | cps   |
| Silicon    | 28-1  | 239552  | 238698  | 238368  | 238872  | 0.26    | cps   |
| Silver     | 109-1 | 33      | 75      | 33      | 47      | 50.95   | cps   |
| Silver     | 107-1 | 108     | 125     | 17      | 83      | 70.00   | cps   |
| Sodium     | 23-2  | 4601    | 4668    | 4726    | 4665    | 1.34    | cps   |
| Strontium  | 86-1  | 642     | 567     | 825     | 678     | 19.61   | cps   |
| Strontium  | 88-1  | 192     | 167     | 150     | 169     | 12.38   | cps   |
| Sulfur     | 34-1  | 356367  | 353202  | 353804  | 354457  | 0.47    | cps   |
| Terbium    | 159-1 | 8116892 | 8085988 | 8059667 | 8087516 | 0.35    | cps   |
| Terbium    | 159-2 | 1512368 | 1618574 | 1658178 | 1596373 | 4.72    | cps   |
| Thallium   | 203-1 | 133     | 183     | 183     | 167     | 17.32   | cps   |
| Thallium   | 205-1 | 408     | 392     | 300     | 367     | 15.91   | cps   |
| Tin        | 118-1 | 783     | 700     | 875     | 786     | 11.14   | cps   |
| Titanium   | 47-1  | 42      | 83      | 67      | 64      | 32.83   | cps   |
| Uranium    | 238-1 | 108     | 83      | 108     | 100     | 14.43   | cps   |
| Vanadium   | 51-2  | 10      | 7       | 7       | 8       | 24.71   | cps   |
| Yttrium    | 89-1  | 6301678 | 6338037 | 6215049 | 6284921 | 1.01    | cps   |
| Yttrium    | 89-2  | 183047  | 193737  | 196400  | 191062  | 3.70    | cps   |
| Zinc       | 66-2  | 73      | 80      | 53      | 69      | 20.15   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 12:15:40 | DataFile Name :   | 003CALB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 558  | 658  | 608  | 608     | 8.22   | cps   |
| Zirconium | 91-1 | 133  | 117  | 92   | 114     | 18.41  | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB98566             | Operator :        | Jaswal     |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S2                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-10-11 12:22:26 | DataFile Name :   | 005CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 163     | 185     | 163     | 170     | 7.64   | cps   |
| Antimony   | 121-1 | 21568   | 22320   | 20383   | 21424   | 4.56   | cps   |
| Arsenic    | 75-2  | 102     | 122     | 135     | 120     | 14.03  | cps   |
| Barium     | 135-1 | 22336   | 21594   | 22278   | 22069   | 1.87   | cps   |
| Barium     | 137-1 | 40246   | 39226   | 39468   | 39646   | 1.34   | cps   |
| Beryllium  | 9-1   | 1561    | 1645    | 1467    | 1558    | 5.71   | cps   |
| Bismuth    | 209-1 | 5403088 | 5537237 | 5411587 | 5450638 | 1.38   | cps   |
| Bismuth    | 209-2 | 1431282 | 1447647 | 1433761 | 1437563 | 0.61   | cps   |
| Boron      | 11-1  | 20649   | 21158   | 21567   | 21125   | 2.18   | cps   |
| Boron      | 10-1  | 3934    | 4142    | 4359    | 4145    | 5.13   | cps   |
| Cadmium    | 106-1 | 1650    | 1967    | 1792    | 1803    | 8.80   | cps   |
| Cadmium    | 108-1 | 133     | 204     | 158     | 165     | 21.73  | cps   |
| Cadmium    | 111-1 | 3408    | 3576    | 3481    | 3488    | 2.41   | cps   |
| Calcium    | 43-1  | 12122   | 11722   | 11714   | 11853   | 1.97   | cps   |
| Calcium    | 44-1  | 202365  | 198933  | 201230  | 200843  | 0.87   | cps   |
| Chromium   | 52-2  | 2244    | 2457    | 2290    | 2330    | 4.81   | cps   |
| Cobalt     | 59-2  | 2160    | 2037    | 2084    | 2094    | 2.98   | cps   |
| Copper     | 63-2  | 4081    | 3957    | 3974    | 4004    | 1.67   | cps   |
| Dysprosium | 156-1 | 17      | 25      | 17      | 19      | 24.73  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 7       | 2       | 173.21 | cps   |
| Erbium     | 164-1 | 25      | 33      | 50      | 36      | 35.25  | cps   |
| Erbium     | 164-2 | 0       | 3       | 10      | 4       | 114.60 | cps   |
| Gadolinium | 160-1 | 100     | 67      | 58      | 75      | 29.39  | cps   |
| Gadolinium | 160-2 | 7       | 13      | 7       | 9       | 43.25  | cps   |
| Holmium    | 165-1 | 7778290 | 7944272 | 7771807 | 7831456 | 1.25   | cps   |
| Holmium    | 165-2 | 1730859 | 1704245 | 1703623 | 1712909 | 0.91   | cps   |
| Indium     | 115-1 | 6002848 | 6223183 | 6058641 | 6094891 | 1.88   | cps   |
| Indium     | 115-2 | 269347  | 271133  | 270698  | 270393  | 0.34   | cps   |
| Iron       | 56-2  | 34025   | 33680   | 33886   | 33864   | 0.51   | cps   |
| Iron       | 57-2  | 933     | 839     | 750     | 841     | 10.91  | cps   |
| Krypton    | 83-1  | 357     | 353     | 440     | 383     | 12.81  | cps   |
| Lead       | 207-1 | 7030    | 7147    | 6997    | 7058    | 1.12   | cps   |
| Lead       | 208-1 | 31678   | 32145   | 31739   | 31854   | 0.80   | cps   |
| Lead       | 206-1 | 7647    | 7786    | 7575    | 7669    | 1.40   | cps   |
| Lithium    | 6-1   | 1109345 | 1128341 | 1130106 | 1122597 | 1.03   | cps   |
| Magnesium  | 24-2  | 16752   | 16619   | 16761   | 16711   | 0.48   | cps   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB98566             | Operator :        | Jaswal     |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S2                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-10-11 12:22:26 | DataFile Name :   | 005CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 263     | 287     | 260     | 270     | 5.38   | cps   |
| Molybdenum | 94-1  | 17495   | 18547   | 17679   | 17907   | 3.14   | cps   |
| Molybdenum | 95-1  | 22519   | 22386   | 22136   | 22347   | 0.87   | cps   |
| Molybdenum | 96-1  | 24690   | 25299   | 25466   | 25152   | 1.62   | cps   |
| Molybdenum | 97-1  | 14200   | 13858   | 14108   | 14055   | 1.26   | cps   |
| Molybdenum | 98-1  | 36818   | 36868   | 35105   | 36263   | 2.77   | cps   |
| Neodymium  | 150-1 | 7       | 20      | 7       | 11      | 69.25  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 927     | 960     | 917     | 934     | 2.43   | cps   |
| Phosphorus | 31-2  | 0       | 8       | 0       | 3       | 173.21 | cps   |
| Potassium  | 39-2  | 11163   | 11322   | 11088   | 11191   | 1.06   | cps   |
| Rhodium    | 103-1 | 5758088 | 5917597 | 5720674 | 5798786 | 1.80   | cps   |
| Rhodium    | 103-2 | 1546996 | 1546940 | 1569376 | 1554437 | 0.83   | cps   |
| Scandium   | 45-1  | 3530748 | 3634758 | 3585127 | 3583544 | 1.45   | cps   |
| Scandium   | 45-2  | 26969   | 26572   | 27003   | 26848   | 0.89   | cps   |
| Selenium   | 77-2  | 3       | 0       | 3       | 2       | 86.60  | cps   |
| Selenium   | 78-2  | 7       | 15      | 19      | 14      | 41.65  | cps   |
| Selenium   | 82-1  | 804     | 812     | 703     | 773     | 7.84   | cps   |
| Silicon    | 28-1  | 304301  | 308421  | 309087  | 307270  | 0.84   | cps   |
| Silver     | 109-1 | 11572   | 12298   | 10871   | 11580   | 6.16   | cps   |
| Silver     | 107-1 | 12515   | 11530   | 11647   | 11897   | 4.52   | cps   |
| Sodium     | 23-2  | 40977   | 41612   | 41002   | 41197   | 0.87   | cps   |
| Strontium  | 86-1  | 3509    | 3734    | 3509    | 3584    | 3.63   | cps   |
| Strontium  | 88-1  | 25183   | 25241   | 24732   | 25052   | 1.11   | cps   |
| Sulfur     | 34-1  | 360637  | 362033  | 363150  | 361940  | 0.35   | cps   |
| Terbium    | 159-1 | 8068489 | 8212248 | 8014624 | 8098454 | 1.26   | cps   |
| Terbium    | 159-2 | 1642897 | 1653401 | 1662003 | 1652767 | 0.58   | cps   |
| Thallium   | 203-1 | 9145    | 9279    | 8979    | 9134    | 1.65   | cps   |
| Thallium   | 205-1 | 21511   | 21928   | 21294   | 21577   | 1.49   | cps   |
| Tin        | 118-1 | 37654   | 38757   | 37295   | 37902   | 2.01   | cps   |
| Titanium   | 47-1  | 5810    | 6152    | 5943    | 5968    | 2.89   | cps   |
| Uranium    | 238-1 | 30380   | 29820   | 30188   | 30129   | 0.94   | cps   |
| Vanadium   | 51-2  | 3477    | 3277    | 3434    | 3396    | 3.10   | cps   |
| Yttrium    | 89-1  | 6299272 | 6403193 | 6296780 | 6333082 | 0.96   | cps   |
| Yttrium    | 89-2  | 197025  | 196056  | 198581  | 197221  | 0.65   | cps   |
| Zinc       | 66-2  | 423     | 413     | 483     | 440     | 8.60   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S2                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 12:22:26 | DataFile Name :   | 005CALS.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 90-1 | 14792 | 14316 | 14542 | 14550   | 1.64   | cps   |
| Zirconium | 91-1 | 3167  | 3276  | 3009  | 3151    | 4.26   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB98566             | Operator :        | Jaswal     |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S3                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-10-11 12:26:45 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 7049    | 6628    | 6908    | 6862    | 3.12   | cps   |
| Antimony   | 121-1 | 528559  | 526763  | 535718  | 530347  | 0.89   | cps   |
| Arsenic    | 75-2  | 5668    | 5638    | 5761    | 5689    | 1.12   | cps   |
| Barium     | 135-1 | 569587  | 569625  | 569743  | 569652  | 0.01   | cps   |
| Barium     | 137-1 | 1005982 | 1001230 | 1001663 | 1002958 | 0.26   | cps   |
| Beryllium  | 9-1   | 73230   | 72510   | 72035   | 72592   | 0.83   | cps   |
| Bismuth    | 209-1 | 5509481 | 5153733 | 5479524 | 5380912 | 3.67   | cps   |
| Bismuth    | 209-2 | 1404875 | 1433298 | 1433996 | 1424056 | 1.17   | cps   |
| Boron      | 11-1  | 37935   | 40040   | 40241   | 39405   | 3.24   | cps   |
| Boron      | 10-1  | 8128    | 8369    | 8136    | 8211    | 1.67   | cps   |
| Cadmium    | 106-1 | 14433   | 14567   | 15017   | 14672   | 2.09   | cps   |
| Cadmium    | 108-1 | 8686    | 9041    | 8586    | 8771    | 2.72   | cps   |
| Cadmium    | 111-1 | 122850  | 123729  | 123552  | 123377  | 0.38   | cps   |
| Calcium    | 43-1  | 116520  | 117313  | 118589  | 117474  | 0.89   | cps   |
| Calcium    | 44-1  | 1933361 | 1947227 | 1947099 | 1942563 | 0.41   | cps   |
| Chromium   | 52-2  | 45604   | 45357   | 45618   | 45526   | 0.32   | cps   |
| Cobalt     | 59-2  | 100667  | 101644  | 100835  | 101048  | 0.52   | cps   |
| Copper     | 63-2  | 177608  | 177784  | 177324  | 177572  | 0.13   | cps   |
| Dysprosium | 156-1 | 33      | 17      | 8       | 19      | 65.48  | cps   |
| Dysprosium | 156-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 25      | 17      | 33      | 25      | 33.32  | cps   |
| Erbium     | 164-2 | 3       | 0       | 3       | 2       | 86.60  | cps   |
| Gadolinium | 160-1 | 58      | 42      | 67      | 56      | 22.91  | cps   |
| Gadolinium | 160-2 | 10      | 7       | 7       | 8       | 24.71  | cps   |
| Holmium    | 165-1 | 7950766 | 7410416 | 7937205 | 7766129 | 3.97   | cps   |
| Holmium    | 165-2 | 1680064 | 1735750 | 1687433 | 1701082 | 1.78   | cps   |
| Indium     | 115-1 | 6093405 | 5721432 | 6138893 | 5984577 | 3.83   | cps   |
| Indium     | 115-2 | 264223  | 263867  | 264691  | 264260  | 0.16   | cps   |
| Iron       | 56-2  | 1593613 | 1595461 | 1575423 | 1588166 | 0.70   | cps   |
| Iron       | 57-2  | 40621   | 39635   | 39919   | 40058   | 1.27   | cps   |
| Krypton    | 83-1  | 390     | 323     | 373     | 362     | 9.58   | cps   |
| Lead       | 207-1 | 331442  | 333032  | 337180  | 333885  | 0.89   | cps   |
| Lead       | 208-1 | 1497912 | 1510576 | 1516387 | 1508292 | 0.63   | cps   |
| Lead       | 206-1 | 369118  | 368622  | 369351  | 369030  | 0.10   | cps   |
| Lithium    | 6-1   | 1135306 | 1047464 | 1131835 | 1104868 | 4.50   | cps   |
| Magnesium  | 24-2  | 160513  | 159274  | 160134  | 159974  | 0.40   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB98566             | Operator :        | Jaswal     |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S3                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-10-11 12:26:45 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 26873   | 26619   | 27126   | 26873   | 0.94   | cps   |
| Molybdenum | 94-1  | 902830  | 921454  | 916506  | 913597  | 1.06   | cps   |
| Molybdenum | 95-1  | 1118128 | 1134823 | 1123928 | 1125626 | 0.75   | cps   |
| Molybdenum | 96-1  | 1240853 | 1255880 | 1236823 | 1244519 | 0.81   | cps   |
| Molybdenum | 97-1  | 699038  | 708578  | 702999  | 703538  | 0.68   | cps   |
| Molybdenum | 98-1  | 1805050 | 1833745 | 1815527 | 1818108 | 0.80   | cps   |
| Neodymium  | 150-1 | 27      | 27      | 60      | 38      | 50.93  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 30286   | 30373   | 30483   | 30381   | 0.33   | cps   |
| Phosphorus | 31-2  | 458     | 475     | 492     | 475     | 3.51   | cps   |
| Potassium  | 39-2  | 44864   | 44714   | 43761   | 44446   | 1.35   | cps   |
| Rhodium    | 103-1 | 5760340 | 5399062 | 5781846 | 5647083 | 3.81   | cps   |
| Rhodium    | 103-2 | 1530648 | 1535687 | 1540840 | 1535725 | 0.33   | cps   |
| Scandium   | 45-1  | 3596806 | 3324709 | 3511119 | 3477545 | 4.00   | cps   |
| Scandium   | 45-2  | 25751   | 25543   | 26345   | 25880   | 1.61   | cps   |
| Selenium   | 77-2  | 50      | 60      | 53      | 54      | 9.35   | cps   |
| Selenium   | 78-2  | 146     | 119     | 170     | 145     | 17.89  | cps   |
| Selenium   | 82-1  | 7473    | 7549    | 7333    | 7452    | 1.48   | cps   |
| Silicon    | 28-1  | 471404  | 473452  | 474601  | 473152  | 0.34   | cps   |
| Silver     | 109-1 | 562686  | 565516  | 559658  | 562620  | 0.52   | cps   |
| Silver     | 107-1 | 590328  | 594060  | 585845  | 590078  | 0.70   | cps   |
| Sodium     | 23-2  | 354076  | 354093  | 353292  | 353820  | 0.13   | cps   |
| Strontium  | 86-1  | 141444  | 139287  | 140002  | 140244  | 0.78   | cps   |
| Strontium  | 88-1  | 1229476 | 1220547 | 1216971 | 1222332 | 0.53   | cps   |
| Sulfur     | 34-1  | 390907  | 394201  | 389153  | 391420  | 0.65   | cps   |
| Terbium    | 159-1 | 8207786 | 7644795 | 8280304 | 8044295 | 4.32   | cps   |
| Terbium    | 159-2 | 1654703 | 1658861 | 1665915 | 1659826 | 0.34   | cps   |
| Thallium   | 203-1 | 456770  | 459752  | 456005  | 457509  | 0.43   | cps   |
| Thallium   | 205-1 | 1094250 | 1092292 | 1095437 | 1093993 | 0.15   | cps   |
| Tin        | 118-1 | 371828  | 374669  | 368192  | 371563  | 0.87   | cps   |
| Titanium   | 47-1  | 282615  | 287970  | 286347  | 285644  | 0.96   | cps   |
| Uranium    | 238-1 | 1500903 | 1501225 | 1491126 | 1497751 | 0.38   | cps   |
| Vanadium   | 51-2  | 34229   | 33096   | 33316   | 33547   | 1.79   | cps   |
| Yttrium    | 89-1  | 6309648 | 5880463 | 6342306 | 6177472 | 4.17   | cps   |
| Yttrium    | 89-2  | 192174  | 195220  | 193447  | 193614  | 0.79   | cps   |
| Zinc       | 66-2  | 16597   | 16881   | 16814   | 16764   | 0.88   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S3                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 12:26:45 | DataFile Name :   | 006CALS.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 90-1 | 756876 | 751168 | 766828 | 758291  | 1.05   | cps   |
| Zirconium | 91-1 | 164650 | 166717 | 172125 | 167830  | 2.30   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB98566             | Operator :        | Jaswal     |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S4                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-10-11 12:30:30 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 17135   | 16807   | 17025   | 16989   | 0.98   | cps   |
| Antimony   | 121-1 | 1368776 | 1367909 | 1374383 | 1370356 | 0.26   | cps   |
| Arsenic    | 75-2  | 14080   | 14061   | 14409   | 14183   | 1.38   | cps   |
| Barium     | 135-1 | 1450771 | 1462099 | 1459454 | 1457442 | 0.41   | cps   |
| Barium     | 137-1 | 2584112 | 2584271 | 2568606 | 2578996 | 0.35   | cps   |
| Beryllium  | 9-1   | 180614  | 180252  | 179797  | 180221  | 0.23   | cps   |
| Bismuth    | 209-1 | 5564284 | 5601483 | 5642454 | 5602740 | 0.70   | cps   |
| Bismuth    | 209-2 | 1423369 | 1361235 | 1413272 | 1399292 | 2.38   | cps   |
| Boron      | 11-1  | 96615   | 99418   | 100585  | 98872   | 2.06   | cps   |
| Boron      | 10-1  | 20682   | 20582   | 20649   | 20638   | 0.25   | cps   |
| Cadmium    | 106-1 | 33793   | 35055   | 34546   | 34465   | 1.84   | cps   |
| Cadmium    | 108-1 | 22732   | 21722   | 22845   | 22433   | 2.76   | cps   |
| Cadmium    | 111-1 | 312588  | 316026  | 314208  | 314274  | 0.55   | cps   |
| Calcium    | 43-1  | 294564  | 296001  | 292244  | 294270  | 0.64   | cps   |
| Calcium    | 44-1  | 4801735 | 4799678 | 4761350 | 4787587 | 0.48   | cps   |
| Chromium   | 52-2  | 112171  | 112692  | 111661  | 112175  | 0.46   | cps   |
| Cobalt     | 59-2  | 250256  | 248441  | 247631  | 248776  | 0.54   | cps   |
| Copper     | 63-2  | 438172  | 437082  | 432729  | 435994  | 0.66   | cps   |
| Dysprosium | 156-1 | 33      | 42      | 50      | 42      | 20.00  | cps   |
| Dysprosium | 156-2 | 0       | 3       | 7       | 3       | 100.05 | cps   |
| Erbium     | 164-1 | 25      | 8       | 33      | 22      | 57.29  | cps   |
| Erbium     | 164-2 | 3       | 7       | 3       | 4       | 43.40  | cps   |
| Gadolinium | 160-1 | 42      | 100     | 58      | 67      | 45.07  | cps   |
| Gadolinium | 160-2 | 13      | 10      | 0       | 8       | 89.21  | cps   |
| Holmium    | 165-1 | 8029141 | 8106932 | 8030786 | 8055620 | 0.55   | cps   |
| Holmium    | 165-2 | 1679907 | 1633018 | 1679951 | 1664292 | 1.63   | cps   |
| Indium     | 115-1 | 6102806 | 6108978 | 6098417 | 6103400 | 0.09   | cps   |
| Indium     | 115-2 | 256231  | 246891  | 255057  | 252726  | 2.01   | cps   |
| Iron       | 56-2  | 3916637 | 3907830 | 3875231 | 3899899 | 0.56   | cps   |
| Iron       | 57-2  | 98926   | 97494   | 96309   | 97576   | 1.34   | cps   |
| Krypton    | 83-1  | 410     | 383     | 393     | 396     | 3.40   | cps   |
| Lead       | 207-1 | 860814  | 865861  | 868818  | 865164  | 0.47   | cps   |
| Lead       | 208-1 | 3903653 | 3956156 | 3922472 | 3927427 | 0.68   | cps   |
| Lead       | 206-1 | 950400  | 953325  | 955318  | 953014  | 0.26   | cps   |
| Lithium    | 6-1   | 1107628 | 1117846 | 1096280 | 1107251 | 0.97   | cps   |
| Magnesium  | 24-2  | 396017  | 393554  | 387719  | 392430  | 1.09   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB98566             | Operator :        | Jaswal     |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S4                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-10-11 12:30:30 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 65717   | 65590   | 65720   | 65676   | 0.11   | cps   |
| Molybdenum | 94-1  | 2374867 | 2390441 | 2362728 | 2376012 | 0.58   | cps   |
| Molybdenum | 95-1  | 2881897 | 2904050 | 2894229 | 2893392 | 0.38   | cps   |
| Molybdenum | 96-1  | 3238157 | 3198635 | 3226640 | 3221144 | 0.63   | cps   |
| Molybdenum | 97-1  | 1828164 | 1832751 | 1819781 | 1826899 | 0.36   | cps   |
| Molybdenum | 98-1  | 4594974 | 4602247 | 4629437 | 4608886 | 0.39   | cps   |
| Neodymium  | 150-1 | 60      | 100     | 53      | 71      | 35.50  | cps   |
| Neodymium  | 150-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 75430   | 74397   | 74863   | 74897   | 0.69   | cps   |
| Phosphorus | 31-2  | 1125    | 1108    | 1017    | 1083    | 5.39   | cps   |
| Potassium  | 39-2  | 103813  | 103151  | 103386  | 103450  | 0.32   | cps   |
| Rhodium    | 103-1 | 5745723 | 5668004 | 5771578 | 5728435 | 0.94   | cps   |
| Rhodium    | 103-2 | 1490007 | 1427199 | 1477001 | 1464736 | 2.26   | cps   |
| Scandium   | 45-1  | 3533747 | 3508078 | 3507322 | 3516382 | 0.43   | cps   |
| Scandium   | 45-2  | 25186   | 23844   | 24488   | 24506   | 2.74   | cps   |
| Selenium   | 77-2  | 120     | 140     | 80      | 113     | 26.96  | cps   |
| Selenium   | 78-2  | 326     | 374     | 328     | 343     | 7.96   | cps   |
| Selenium   | 82-1  | 18540   | 18619   | 18591   | 18583   | 0.21   | cps   |
| Silicon    | 28-1  | 829525  | 832875  | 829753  | 830718  | 0.23   | cps   |
| Silver     | 109-1 | 1423862 | 1420833 | 1426384 | 1423693 | 0.20   | cps   |
| Silver     | 107-1 | 1498209 | 1492113 | 1501364 | 1497229 | 0.31   | cps   |
| Sodium     | 23-2  | 866195  | 861896  | 855780  | 861290  | 0.61   | cps   |
| Strontium  | 86-1  | 358744  | 357647  | 361020  | 359137  | 0.48   | cps   |
| Strontium  | 88-1  | 3144036 | 3134658 | 3130839 | 3136511 | 0.22   | cps   |
| Sulfur     | 34-1  | 437961  | 439380  | 436905  | 438082  | 0.28   | cps   |
| Terbium    | 159-1 | 8339414 | 8258187 | 8274447 | 8290683 | 0.52   | cps   |
| Terbium    | 159-2 | 1613193 | 1560782 | 1625548 | 1599841 | 2.15   | cps   |
| Thallium   | 203-1 | 1172633 | 1193911 | 1181718 | 1182754 | 0.90   | cps   |
| Thallium   | 205-1 | 2855893 | 2889209 | 2843606 | 2862903 | 0.82   | cps   |
| Tin        | 118-1 | 949272  | 951507  | 946981  | 949253  | 0.24   | cps   |
| Titanium   | 47-1  | 721783  | 718925  | 711806  | 717505  | 0.72   | cps   |
| Uranium    | 238-1 | 3967996 | 3939239 | 3925791 | 3944342 | 0.55   | cps   |
| Vanadium   | 51-2  | 82682   | 83349   | 81321   | 82451   | 1.25   | cps   |
| Yttrium    | 89-1  | 6289713 | 6308169 | 6293139 | 6297007 | 0.16   | cps   |
| Yttrium    | 89-2  | 187008  | 180310  | 184295  | 183871  | 1.83   | cps   |
| Zinc       | 66-2  | 41435   | 41987   | 41201   | 41541   | 0.97   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S4                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 12:30:30 | DataFile Name :   | 007CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 1993471 | 1988845 | 1988835 | 1990384 | 0.13   | cps   |
| Zirconium | 91-1 | 430801  | 429986  | 427599  | 429462  | 0.39   | cps   |



LB Number : LB98566 Operator : Jaswal  
 Lab Sample ID : S5 Instrumnet Name : P8  
 Client Sample ID : S5 Dilution Factor : 1  
 Date & Time Acquired :: 2018-10-11 12:34:06 DataFile Name : 008CAL.S.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 31465   | 31184   | 30954   | 31201   | 0.82   | cps   |
| Antimony   | 121-1 | 2820854 | 2804296 | 2773029 | 2799393 | 0.87   | cps   |
| Arsenic    | 75-2  | 26453   | 25525   | 26188   | 26055   | 1.83   | cps   |
| Barium     | 135-1 | 2942468 | 2928935 | 2900713 | 2924039 | 0.73   | cps   |
| Barium     | 137-1 | 5118821 | 5059364 | 5106571 | 5094919 | 0.62   | cps   |
| Beryllium  | 9-1   | 345125  | 344113  | 343021  | 344086  | 0.31   | cps   |
| Bismuth    | 209-1 | 5685347 | 5790703 | 5686301 | 5720784 | 1.06   | cps   |
| Bismuth    | 209-2 | 1413633 | 1405224 | 1395452 | 1404770 | 0.65   | cps   |
| Boron      | 11-1  | 184058  | 188346  | 190743  | 187715  | 1.80   | cps   |
| Boron      | 10-1  | 38194   | 37751   | 39990   | 38645   | 3.07   | cps   |
| Cadmium    | 106-1 | 67101   | 66590   | 67193   | 66961   | 0.49   | cps   |
| Cadmium    | 108-1 | 45230   | 43872   | 45134   | 44745   | 1.69   | cps   |
| Cadmium    | 111-1 | 616144  | 622602  | 616670  | 618472  | 0.58   | cps   |
| Calcium    | 43-1  | 567604  | 568930  | 554840  | 563792  | 1.38   | cps   |
| Calcium    | 44-1  | 9111323 | 9130986 | 9053101 | 9098470 | 0.45   | cps   |
| Chromium   | 52-2  | 204523  | 200899  | 200404  | 201942  | 1.11   | cps   |
| Cobalt     | 59-2  | 459275  | 453680  | 453237  | 455397  | 0.74   | cps   |
| Copper     | 63-2  | 805427  | 800251  | 793921  | 799866  | 0.72   | cps   |
| Dysprosium | 156-1 | 42      | 50      | 50      | 47      | 10.18  | cps   |
| Dysprosium | 156-2 | 3       | 0       | 7       | 3       | 100.05 | cps   |
| Erbium     | 164-1 | 33      | 8       | 58      | 33      | 75.02  | cps   |
| Erbium     | 164-2 | 7       | 7       | 7       | 7       | 0.00   | cps   |
| Gadolinium | 160-1 | 108     | 58      | 33      | 67      | 57.29  | cps   |
| Gadolinium | 160-2 | 7       | 10      | 13      | 10      | 33.30  | cps   |
| Holmium    | 165-1 | 8119129 | 8237006 | 8187624 | 8181253 | 0.72   | cps   |
| Holmium    | 165-2 | 1675913 | 1652782 | 1649448 | 1659381 | 0.87   | cps   |
| Indium     | 115-1 | 6001388 | 6106725 | 6007985 | 6038700 | 0.98   | cps   |
| Indium     | 115-2 | 245229  | 244496  | 242045  | 243924  | 0.68   | cps   |
| Iron       | 56-2  | 7140326 | 6997176 | 6999086 | 7045529 | 1.17   | cps   |
| Iron       | 57-2  | 182359  | 178358  | 177931  | 179549  | 1.36   | cps   |
| Krypton    | 83-1  | 443     | 367     | 390     | 400     | 9.83   | cps   |
| Lead       | 207-1 | 1823298 | 1841831 | 1820653 | 1828594 | 0.63   | cps   |
| Lead       | 208-1 | 8158805 | 8184540 | 8156028 | 8166458 | 0.19   | cps   |
| Lead       | 206-1 | 1965859 | 1993810 | 1988789 | 1982819 | 0.75   | cps   |
| Lithium    | 6-1   | 1093329 | 1098100 | 1100304 | 1097244 | 0.32   | cps   |
| Magnesium  | 24-2  | 721483  | 715674  | 712153  | 716437  | 0.66   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB98566             | Operator :        | Jaswal     |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S5                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-10-11 12:34:06 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 119643  | 118403  | 118003  | 118683  | 0.72   | cps   |
| Molybdenum | 94-1  | 4593902 | 4568569 | 4613663 | 4592045 | 0.49   | cps   |
| Molybdenum | 95-1  | 5655257 | 5629160 | 5594439 | 5626285 | 0.54   | cps   |
| Molybdenum | 96-1  | 6321224 | 6222361 | 6169980 | 6237855 | 1.23   | cps   |
| Molybdenum | 97-1  | 3591559 | 3560265 | 3558364 | 3570062 | 0.52   | cps   |
| Molybdenum | 98-1  | 9129262 | 9018069 | 9006648 | 9051326 | 0.75   | cps   |
| Neodymium  | 150-1 | 173     | 167     | 187     | 176     | 5.80   | cps   |
| Neodymium  | 150-2 | 3       | 3       | 3       | 3       | 0.00   | cps   |
| Nickel     | 60-2  | 135020  | 136036  | 135215  | 135424  | 0.40   | cps   |
| Phosphorus | 31-2  | 2042    | 2075    | 2050    | 2056    | 0.84   | cps   |
| Potassium  | 39-2  | 185870  | 181184  | 180189  | 182414  | 1.66   | cps   |
| Rhodium    | 103-1 | 5595242 | 5672672 | 5585274 | 5617729 | 0.85   | cps   |
| Rhodium    | 103-2 | 1449968 | 1430725 | 1418232 | 1432975 | 1.12   | cps   |
| Scandium   | 45-1  | 3333806 | 3389680 | 3296433 | 3339973 | 1.41   | cps   |
| Scandium   | 45-2  | 23396   | 22421   | 22265   | 22694   | 2.70   | cps   |
| Selenium   | 77-2  | 163     | 207     | 220     | 197     | 15.06  | cps   |
| Selenium   | 78-2  | 654     | 559     | 615     | 609     | 7.79   | cps   |
| Selenium   | 82-1  | 36308   | 36440   | 35953   | 36234   | 0.70   | cps   |
| Silicon    | 28-1  | 1259381 | 1267666 | 1256249 | 1261099 | 0.47   | cps   |
| Silver     | 109-1 | 2883706 | 2843097 | 2855722 | 2860842 | 0.73   | cps   |
| Silver     | 107-1 | 3023281 | 2971702 | 3022548 | 3005843 | 0.98   | cps   |
| Sodium     | 23-2  | 1616635 | 1587750 | 1608166 | 1604183 | 0.93   | cps   |
| Strontium  | 86-1  | 704634  | 699107  | 701038  | 701593  | 0.40   | cps   |
| Strontium  | 88-1  | 6048198 | 5978801 | 6049058 | 6025352 | 0.67   | cps   |
| Sulfur     | 34-1  | 495378  | 493729  | 488719  | 492609  | 0.70   | cps   |
| Terbium    | 159-1 | 8376955 | 8581744 | 8433298 | 8463999 | 1.25   | cps   |
| Terbium    | 159-2 | 1640376 | 1634762 | 1618255 | 1631131 | 0.70   | cps   |
| Thallium   | 203-1 | 2461457 | 2478167 | 2503810 | 2481145 | 0.86   | cps   |
| Thallium   | 205-1 | 5826936 | 5825827 | 5866310 | 5839691 | 0.39   | cps   |
| Tin        | 118-1 | 1957721 | 1926664 | 1921915 | 1935434 | 1.00   | cps   |
| Titanium   | 47-1  | 1397289 | 1394331 | 1394880 | 1395500 | 0.11   | cps   |
| Uranium    | 238-1 | 7989665 | 8046071 | 8124172 | 8053303 | 0.84   | cps   |
| Vanadium   | 51-2  | 150013  | 147840  | 148173  | 148675  | 0.79   | cps   |
| Yttrium    | 89-1  | 6179056 | 6218411 | 6199906 | 6199124 | 0.32   | cps   |
| Yttrium    | 89-2  | 177571  | 175248  | 174476  | 175765  | 0.92   | cps   |
| Zinc       | 66-2  | 76238   | 75705   | 74522   | 75488   | 1.16   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S5                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 12:34:06 | DataFile Name :   | 008CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 3872763 | 3830317 | 3853881 | 3852320 | 0.55   | cps   |
| Zirconium | 91-1 | 854522  | 837407  | 844956  | 845628  | 1.01   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB98566             | Operator :        | Jaswal     |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S6                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-10-11 12:37:38 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 55511    | 54547    | 54977    | 55012    | 0.88   | cps   |
| Antimony   | 121-1 | 5275706  | 5277287  | 5259971  | 5270988  | 0.18   | cps   |
| Arsenic    | 75-2  | 46301    | 45601    | 45770    | 45891    | 0.80   | cps   |
| Barium     | 135-1 | 5605188  | 5521211  | 5518297  | 5548232  | 0.89   | cps   |
| Barium     | 137-1 | 9690884  | 9715235  | 9665175  | 9690432  | 0.26   | cps   |
| Beryllium  | 9-1   | 631298   | 620919   | 615568   | 622595   | 1.28   | cps   |
| Bismuth    | 209-1 | 5664971  | 5857160  | 5879305  | 5800479  | 2.03   | cps   |
| Bismuth    | 209-2 | 1346593  | 1352346  | 1346035  | 1348325  | 0.26   | cps   |
| Boron      | 11-1  | 342313   | 350329   | 349609   | 347417   | 1.28   | cps   |
| Boron      | 10-1  | 69225    | 70197    | 71286    | 70236    | 1.47   | cps   |
| Cadmium    | 106-1 | 123485   | 123260   | 120670   | 122472   | 1.28   | cps   |
| Cadmium    | 108-1 | 83829    | 83112    | 82945    | 83295    | 0.56   | cps   |
| Cadmium    | 111-1 | 1162746  | 1159048  | 1156921  | 1159572  | 0.25   | cps   |
| Calcium    | 43-1  | 1018241  | 1019420  | 1010620  | 1016094  | 0.47   | cps   |
| Calcium    | 44-1  | 16516007 | 16552285 | 16318348 | 16462214 | 0.76   | cps   |
| Chromium   | 52-2  | 358741   | 354479   | 352374   | 355198   | 0.91   | cps   |
| Cobalt     | 59-2  | 807547   | 800370   | 804764   | 804227   | 0.45   | cps   |
| Copper     | 63-2  | 1430447  | 1416402  | 1408743  | 1418531  | 0.78   | cps   |
| Dysprosium | 156-1 | 58       | 92       | 58       | 69       | 27.71  | cps   |
| Dysprosium | 156-2 | 17       | 10       | 10       | 12       | 31.50  | cps   |
| Erbium     | 164-1 | 17       | 42       | 58       | 39       | 53.93  | cps   |
| Erbium     | 164-2 | 10       | 7        | 0        | 6        | 91.64  | cps   |
| Gadolinium | 160-1 | 92       | 67       | 100      | 86       | 20.14  | cps   |
| Gadolinium | 160-2 | 17       | 7        | 10       | 11       | 45.82  | cps   |
| Holmium    | 165-1 | 8080504  | 8231173  | 8322979  | 8211552  | 1.49   | cps   |
| Holmium    | 165-2 | 1620914  | 1642057  | 1610666  | 1624546  | 0.99   | cps   |
| Indium     | 115-1 | 5728455  | 5904064  | 5860681  | 5831067  | 1.57   | cps   |
| Indium     | 115-2 | 224454   | 225044   | 222704   | 224067   | 0.54   | cps   |
| Iron       | 56-2  | 12449718 | 12392626 | 12414050 | 12418798 | 0.23   | cps   |
| Iron       | 57-2  | 320866   | 316882   | 318346   | 318698   | 0.63   | cps   |
| Krypton    | 83-1  | 343      | 380      | 387      | 370      | 6.31   | cps   |
| Lead       | 207-1 | 3597694  | 3555505  | 3566384  | 3573194  | 0.61   | cps   |
| Lead       | 208-1 | 16019666 | 15911208 | 15977004 | 15969293 | 0.34   | cps   |
| Lead       | 206-1 | 3909460  | 3900350  | 3895807  | 3901872  | 0.18   | cps   |
| Lithium    | 6-1   | 1037448  | 1049568  | 1058037  | 1048351  | 0.99   | cps   |
| Magnesium  | 24-2  | 1306358  | 1268331  | 1292065  | 1288918  | 1.49   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB98566             | Operator :        | Jaswal     |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S6                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-10-11 12:37:38 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 210317   | 208071   | 210538   | 209642   | 0.65   | cps   |
| Molybdenum | 94-1  | 8529979  | 8473976  | 8400836  | 8468264  | 0.76   | cps   |
| Molybdenum | 95-1  | 10483603 | 10394275 | 10349684 | 10409188 | 0.66   | cps   |
| Molybdenum | 96-1  | 11666275 | 11688166 | 11504135 | 11619526 | 0.87   | cps   |
| Molybdenum | 97-1  | 6646925  | 6608006  | 6522869  | 6592600  | 0.96   | cps   |
| Molybdenum | 98-1  | 16977624 | 16927738 | 16823198 | 16909520 | 0.47   | cps   |
| Neodymium  | 150-1 | 340      | 367      | 320      | 342      | 6.84   | cps   |
| Neodymium  | 150-2 | 10       | 13       | 10       | 11       | 17.30  | cps   |
| Nickel     | 60-2  | 240084   | 237830   | 236540   | 238151   | 0.75   | cps   |
| Phosphorus | 31-2  | 3809     | 3509     | 3476     | 3598     | 5.10   | cps   |
| Potassium  | 39-2  | 317321   | 312387   | 316579   | 315429   | 0.84   | cps   |
| Rhodium    | 103-1 | 5241794  | 5383888  | 5377442  | 5334375  | 1.50   | cps   |
| Rhodium    | 103-2 | 1327106  | 1337698  | 1317836  | 1327547  | 0.75   | cps   |
| Scandium   | 45-1  | 3061225  | 3107347  | 3119698  | 3096090  | 1.00   | cps   |
| Scandium   | 45-2  | 20292    | 20575    | 19841    | 20236    | 1.83   | cps   |
| Selenium   | 77-2  | 307      | 270      | 353      | 310      | 13.47  | cps   |
| Selenium   | 78-2  | 1159     | 1098     | 1052     | 1103     | 4.88   | cps   |
| Selenium   | 82-1  | 67643    | 66680    | 66477    | 66933    | 0.93   | cps   |
| Silicon    | 28-1  | 2065914  | 1993692  | 1973553  | 2011053  | 2.41   | cps   |
| Silver     | 109-1 | 5339897  | 5234363  | 5249218  | 5274493  | 1.08   | cps   |
| Silver     | 107-1 | 5576543  | 5564587  | 5477390  | 5539507  | 0.98   | cps   |
| Sodium     | 23-2  | 2867966  | 2813107  | 2789296  | 2823456  | 1.43   | cps   |
| Strontium  | 86-1  | 1295300  | 1295097  | 1287054  | 1292484  | 0.36   | cps   |
| Strontium  | 88-1  | 11259514 | 11197256 | 11107603 | 11188124 | 0.68   | cps   |
| Sulfur     | 34-1  | 591673   | 580806   | 574954   | 582477   | 1.46   | cps   |
| Terbium    | 159-1 | 8250196  | 8450598  | 8458171  | 8386322  | 1.41   | cps   |
| Terbium    | 159-2 | 1560233  | 1551497  | 1548445  | 1553392  | 0.39   | cps   |
| Thallium   | 203-1 | 4833791  | 4828970  | 4844996  | 4835919  | 0.17   | cps   |
| Thallium   | 205-1 | 11383236 | 11337051 | 11376699 | 11365662 | 0.22   | cps   |
| Tin        | 118-1 | 3637849  | 3607509  | 3596287  | 3613882  | 0.59   | cps   |
| Titanium   | 47-1  | 2480110  | 2473501  | 2472748  | 2475453  | 0.16   | cps   |
| Uranium    | 238-1 | 16211231 | 16481906 | 16288424 | 16327187 | 0.85   | cps   |
| Vanadium   | 51-2  | 264623   | 262329   | 263292   | 263415   | 0.44   | cps   |
| Yttrium    | 89-1  | 5813123  | 5970727  | 5953459  | 5912436  | 1.46   | cps   |
| Yttrium    | 89-2  | 161003   | 161972   | 159293   | 160756   | 0.84   | cps   |
| Zinc       | 66-2  | 134817   | 132539   | 132068   | 133141   | 1.10   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S6                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 12:37:38 | DataFile Name :   | 009CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 7150141 | 7048694 | 7044933 | 7081256 | 0.84   | cps   |
| Zirconium | 91-1 | 1589539 | 1584998 | 1587767 | 1587435 | 0.14   | cps   |

LB Number : LB98566 Operator : Jaswal  
 Lab Sample ID : S7 Instrumnet Name : P8  
 Client Sample ID : S7 Dilution Factor : 1  
 Date & Time Acquired :: 2018-10-11 12:41:06 DataFile Name : 010CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 105359   | 105583   | 106810   | 105917   | 0.74   | cps   |
| Antimony   | 121-1 | 10304444 | 10234346 | 10297468 | 10278753 | 0.38   | cps   |
| Arsenic    | 75-2  | 88510    | 88859    | 89513    | 88961    | 0.57   | cps   |
| Barium     | 135-1 | 10860195 | 10816066 | 10822807 | 10833023 | 0.22   | cps   |
| Barium     | 137-1 | 19150643 | 19101462 | 19086403 | 19112836 | 0.18   | cps   |
| Beryllium  | 9-1   | 1203030  | 1193475  | 1188470  | 1194992  | 0.62   | cps   |
| Bismuth    | 209-1 | 5866929  | 5701612  | 5902416  | 5823652  | 1.84   | cps   |
| Bismuth    | 209-2 | 1346615  | 1332766  | 1342695  | 1340692  | 0.53   | cps   |
| Boron      | 11-1  | 659673   | 676418   | 683989   | 673360   | 1.85   | cps   |
| Boron      | 10-1  | 135096   | 136830   | 139975   | 137300   | 1.80   | cps   |
| Cadmium    | 106-1 | 236276   | 234767   | 236640   | 235895   | 0.42   | cps   |
| Cadmium    | 108-1 | 161912   | 160590   | 161347   | 161283   | 0.41   | cps   |
| Cadmium    | 111-1 | 2283235  | 2279459  | 2309608  | 2290767  | 0.72   | cps   |
| Calcium    | 43-1  | 2001224  | 1956246  | 1987068  | 1981513  | 1.16   | cps   |
| Calcium    | 44-1  | 31667694 | 31547938 | 31658166 | 31624600 | 0.21   | cps   |
| Chromium   | 52-2  | 692838   | 694535   | 693816   | 693730   | 0.12   | cps   |
| Cobalt     | 59-2  | 1564576  | 1556522  | 1573718  | 1564939  | 0.55   | cps   |
| Copper     | 63-2  | 2743520  | 2769334  | 2751116  | 2754657  | 0.48   | cps   |
| Dysprosium | 156-1 | 167      | 158      | 217      | 181      | 17.47  | cps   |
| Dysprosium | 156-2 | 20       | 20       | 10       | 17       | 34.64  | cps   |
| Erbium     | 164-1 | 75       | 42       | 92       | 69       | 36.66  | cps   |
| Erbium     | 164-2 | 13       | 10       | 20       | 14       | 35.26  | cps   |
| Gadolinium | 160-1 | 67       | 175      | 83       | 108      | 53.85  | cps   |
| Gadolinium | 160-2 | 27       | 27       | 33       | 29       | 13.31  | cps   |
| Holmium    | 165-1 | 8413551  | 8265144  | 8347925  | 8342207  | 0.89   | cps   |
| Holmium    | 165-2 | 1634099  | 1642148  | 1643235  | 1639827  | 0.30   | cps   |
| Indium     | 115-1 | 5733383  | 5598718  | 5647875  | 5659992  | 1.20   | cps   |
| Indium     | 115-2 | 214540   | 212951   | 215633   | 214375   | 0.63   | cps   |
| Iron       | 56-2  | 24135552 | 24240364 | 24168160 | 24181359 | 0.22   | cps   |
| Iron       | 57-2  | 613743   | 614074   | 612932   | 613583   | 0.10   | cps   |
| Krypton    | 83-1  | 387      | 367      | 323      | 359      | 9.02   | cps   |
| Lead       | 207-1 | 7024466  | 7011295  | 7044023  | 7026595  | 0.23   | cps   |
| Lead       | 208-1 | 31521377 | 31503624 | 31658753 | 31561252 | 0.27   | cps   |
| Lead       | 206-1 | 7656817  | 7665482  | 7703530  | 7675276  | 0.32   | cps   |
| Lithium    | 6-1   | 1028130  | 1012589  | 1018034  | 1019584  | 0.77   | cps   |
| Magnesium  | 24-2  | 2487562  | 2496642  | 2484904  | 2489703  | 0.25   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB98566             | Operator :        | Jaswal     |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S7                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-10-11 12:41:06 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 404244   | 409699   | 405139   | 406361   | 0.72   | cps   |
| Molybdenum | 94-1  | 16763674 | 16557215 | 16710997 | 16677295 | 0.64   | cps   |
| Molybdenum | 95-1  | 20514778 | 20387000 | 20655426 | 20519068 | 0.65   | cps   |
| Molybdenum | 96-1  | 22858516 | 22585364 | 22978926 | 22807602 | 0.88   | cps   |
| Molybdenum | 97-1  | 12906868 | 12756500 | 12934706 | 12866025 | 0.75   | cps   |
| Molybdenum | 98-1  | 33135203 | 33085543 | 33278099 | 33166282 | 0.30   | cps   |
| Neodymium  | 150-1 | 527      | 560      | 493      | 527      | 6.33   | cps   |
| Neodymium  | 150-2 | 10       | 13       | 23       | 16       | 44.60  | cps   |
| Nickel     | 60-2  | 457911   | 458850   | 458721   | 458494   | 0.11   | cps   |
| Phosphorus | 31-2  | 6860     | 6827     | 6669     | 6785     | 1.51   | cps   |
| Potassium  | 39-2  | 605140   | 609263   | 606908   | 607104   | 0.34   | cps   |
| Rhodium    | 103-1 | 5254241  | 5115298  | 5224182  | 5197907  | 1.41   | cps   |
| Rhodium    | 103-2 | 1302775  | 1286527  | 1308225  | 1299176  | 0.87   | cps   |
| Scandium   | 45-1  | 3064996  | 2982426  | 3076675  | 3041366  | 1.69   | cps   |
| Scandium   | 45-2  | 20004    | 19881    | 19894    | 19927    | 0.34   | cps   |
| Selenium   | 77-2  | 600      | 637      | 723      | 653      | 9.69   | cps   |
| Selenium   | 78-2  | 2078     | 2145     | 2121     | 2114     | 1.60   | cps   |
| Selenium   | 82-1  | 129133   | 129696   | 130237   | 129688   | 0.43   | cps   |
| Silicon    | 28-1  | 3549587  | 3532761  | 3549843  | 3544064  | 0.28   | cps   |
| Silver     | 109-1 | 10128736 | 10061076 | 10158467 | 10116093 | 0.49   | cps   |
| Silver     | 107-1 | 10643524 | 10579453 | 10605193 | 10609390 | 0.30   | cps   |
| Sodium     | 23-2  | 5386933  | 5441378  | 5437511  | 5421941  | 0.56   | cps   |
| Strontium  | 86-1  | 2557502  | 2574440  | 2530720  | 2554221  | 0.86   | cps   |
| Strontium  | 88-1  | 22022981 | 21724898 | 21718709 | 21822196 | 0.80   | cps   |
| Sulfur     | 34-1  | 826514   | 820381   | 824320   | 823738   | 0.38   | cps   |
| Terbium    | 159-1 | 8468360  | 8385578  | 8467277  | 8440405  | 0.56   | cps   |
| Terbium    | 159-2 | 1561756  | 1542131  | 1542035  | 1548641  | 0.73   | cps   |
| Thallium   | 203-1 | 9541619  | 9603568  | 9566773  | 9570653  | 0.33   | cps   |
| Thallium   | 205-1 | 22678684 | 22805676 | 22922769 | 22802376 | 0.54   | cps   |
| Tin        | 118-1 | 6975265  | 6987534  | 7041161  | 7001320  | 0.50   | cps   |
| Titanium   | 47-1  | 4752392  | 4723627  | 4696817  | 4724279  | 0.59   | cps   |
| Uranium    | 238-1 | 33134592 | 33269719 | 33309213 | 33237842 | 0.28   | cps   |
| Vanadium   | 51-2  | 509585   | 512025   | 514792   | 512134   | 0.51   | cps   |
| Yttrium    | 89-1  | 5874778  | 5744176  | 5870690  | 5829882  | 1.27   | cps   |
| Yttrium    | 89-2  | 156821   | 154972   | 157455   | 156416   | 0.82   | cps   |
| Zinc       | 66-2  | 258579   | 258582   | 257319   | 258160   | 0.28   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S7                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 12:41:06 | DataFile Name :   | 010CALS.d |

| Parameter | Mass | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|------|----------|----------|----------|----------|--------|-------|
| Zirconium | 90-1 | 13934496 | 13879274 | 13782179 | 13865316 | 0.56   | cps   |
| Zirconium | 91-1 | 3117217  | 3058789  | 3128489  | 3101498  | 1.21   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB98566             | Operator :        | Jaswal     |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S8                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-10-11 12:44:32 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 603645    | 605568    | 614791    | 608001    | 0.98   | cps   |
| Antimony   | 121-1 | 30528     | 29275     | 27095     | 28966     | 6.00   | cps   |
| Arsenic    | 75-2  | 169       | 154       | 170       | 164       | 5.56   | cps   |
| Barium     | 135-1 | 2817      | 3167      | 2934      | 2973      | 6.00   | cps   |
| Barium     | 137-1 | 5468      | 5143      | 5351      | 5321      | 3.10   | cps   |
| Beryllium  | 9-1   | 1033      | 789       | 850       | 891       | 14.28  | cps   |
| Bismuth    | 209-1 | 5249693   | 5350125   | 5316058   | 5305292   | 0.96   | cps   |
| Bismuth    | 209-2 | 1254567   | 1267584   | 1191014   | 1237722   | 3.31   | cps   |
| Boron      | 11-1  | 33306     | 30709     | 29056     | 31024     | 6.91   | cps   |
| Boron      | 10-1  | 7044      | 6485      | 6277      | 6602      | 6.01   | cps   |
| Cadmium    | 106-1 | 1383      | 1400      | 1517      | 1433      | 5.07   | cps   |
| Cadmium    | 108-1 | 63        | 88        | 25        | 58        | 53.93  | cps   |
| Cadmium    | 111-1 | 1425      | 1390      | 1523      | 1446      | 4.80   | cps   |
| Calcium    | 43-1  | 9887666   | 9919268   | 9988783   | 9931906   | 0.52   | cps   |
| Calcium    | 44-1  | 161847154 | 162116941 | 163522841 | 162495645 | 0.55   | cps   |
| Chromium   | 52-2  | 42063     | 42060     | 42347     | 42157     | 0.39   | cps   |
| Cobalt     | 59-2  | 21680     | 21724     | 22251     | 21885     | 1.45   | cps   |
| Copper     | 63-2  | 7222      | 6865      | 7502      | 7196      | 4.44   | cps   |
| Dysprosium | 156-1 | 67        | 142       | 100       | 103       | 36.56  | cps   |
| Dysprosium | 156-2 | 23        | 13        | 13        | 17        | 34.65  | cps   |
| Erbium     | 164-1 | 83        | 58        | 42        | 61        | 34.32  | cps   |
| Erbium     | 164-2 | 10        | 3         | 13        | 9         | 57.30  | cps   |
| Gadolinium | 160-1 | 92        | 142       | 133       | 122       | 21.92  | cps   |
| Gadolinium | 160-2 | 27        | 23        | 23        | 24        | 7.89   | cps   |
| Holmium    | 165-1 | 8007529   | 8047280   | 8109216   | 8054675   | 0.64   | cps   |
| Holmium    | 165-2 | 1634029   | 1636153   | 1533222   | 1601135   | 3.67   | cps   |
| Indium     | 115-1 | 5607735   | 5678649   | 5649079   | 5645154   | 0.63   | cps   |
| Indium     | 115-2 | 230294    | 231281    | 219510    | 227028    | 2.88   | cps   |
| Iron       | 56-2  | 131047289 | 131351289 | 133060534 | 131819704 | 0.82   | cps   |
| Iron       | 57-2  | 3376155   | 3376126   | 3416646   | 3389643   | 0.69   | cps   |
| Krypton    | 83-1  | 377       | 410       | 393       | 393       | 4.24   | cps   |
| Lead       | 207-1 | 7252      | 7108      | 6819      | 7060      | 3.13   | cps   |
| Lead       | 208-1 | 32562     | 31266     | 31155     | 31661     | 2.47   | cps   |
| Lead       | 206-1 | 7892      | 7680      | 7614      | 7729      | 1.88   | cps   |
| Lithium    | 6-1   | 983149    | 1009213   | 1003058   | 998473    | 1.36   | cps   |
| Magnesium  | 24-2  | 13186459  | 13155511  | 13359133  | 13233701  | 0.83   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB98566             | Operator :        | Jaswal     |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P8         |
| Client Sample ID :      | S8                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-10-11 12:44:32 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 3561     | 3531     | 3687     | 3593     | 2.32   | cps   |
| Molybdenum | 94-1  | 25633    | 24030    | 24815    | 24826    | 3.23   | cps   |
| Molybdenum | 95-1  | 40403    | 39342    | 39074    | 39606    | 1.77   | cps   |
| Molybdenum | 96-1  | 45452    | 44599    | 43680    | 44577    | 1.99   | cps   |
| Molybdenum | 97-1  | 25717    | 25299    | 23872    | 24963    | 3.88   | cps   |
| Molybdenum | 98-1  | 64932    | 62980    | 63131    | 63681    | 1.70   | cps   |
| Neodymium  | 150-1 | 113      | 113      | 73       | 100      | 23.09  | cps   |
| Neodymium  | 150-2 | 13       | 20       | 17       | 17       | 20.01  | cps   |
| Nickel     | 60-2  | 21961    | 21654    | 21984    | 21866    | 0.84   | cps   |
| Phosphorus | 31-2  | 0        | 8        | 0        | 3        | 173.21 | cps   |
| Potassium  | 39-2  | 3426837  | 3450600  | 3491583  | 3456340  | 0.95   | cps   |
| Rhodium    | 103-1 | 4944240  | 5069259  | 5022869  | 5012122  | 1.26   | cps   |
| Rhodium    | 103-2 | 1297755  | 1298614  | 1233298  | 1276555  | 2.93   | cps   |
| Scandium   | 45-1  | 3022662  | 3096254  | 3088185  | 3069034  | 1.32   | cps   |
| Scandium   | 45-2  | 21637    | 22224    | 20742    | 21535    | 3.47   | cps   |
| Selenium   | 77-2  | 0        | 3        | 0        | 1        | 173.21 | cps   |
| Selenium   | 78-2  | 2        | 4        | 2        | 2        | 43.30  | cps   |
| Selenium   | 82-1  | 88       | 49       | 104      | 80       | 35.07  | cps   |
| Silicon    | 28-1  | 403406   | 413266   | 461414   | 426029   | 7.29   | cps   |
| Silver     | 109-1 | 1500     | 1700     | 1258     | 1486     | 14.88  | cps   |
| Silver     | 107-1 | 1567     | 1525     | 1600     | 1564     | 2.40   | cps   |
| Sodium     | 23-2  | 29576240 | 29643865 | 29955782 | 29725296 | 0.68   | cps   |
| Strontium  | 86-1  | 12256    | 12473    | 12631    | 12453    | 1.51   | cps   |
| Strontium  | 88-1  | 104355   | 102946   | 104683   | 103995   | 0.89   | cps   |
| Sulfur     | 34-1  | 294130   | 296832   | 300939   | 297300   | 1.15   | cps   |
| Terbium    | 159-1 | 8096934  | 8206102  | 8199946  | 8167661  | 0.75   | cps   |
| Terbium    | 159-2 | 1566569  | 1595302  | 1470432  | 1544101  | 4.24   | cps   |
| Thallium   | 203-1 | 4868     | 4901     | 4468     | 4746     | 5.08   | cps   |
| Thallium   | 205-1 | 12031    | 11673    | 10955    | 11553    | 4.74   | cps   |
| Tin        | 118-1 | 18755    | 17053    | 17012    | 17607    | 5.65   | cps   |
| Titanium   | 47-1  | 1342     | 1667     | 1625     | 1545     | 11.45  | cps   |
| Uranium    | 238-1 | 6502     | 6944     | 6427     | 6624     | 4.22   | cps   |
| Vanadium   | 51-2  | 350      | 363      | 240      | 318      | 21.30  | cps   |
| Yttrium    | 89-1  | 5720075  | 5797947  | 5882488  | 5800170  | 1.40   | cps   |
| Yttrium    | 89-2  | 169938   | 171928   | 163890   | 168585   | 2.48   | cps   |
| Zinc       | 66-2  | 2160     | 2290     | 2194     | 2215     | 3.05   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P8        |
| Client Sample ID :      | S8                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 12:44:32 | DataFile Name :   | 011CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 6135 | 5852 | 6335 | 6107    | 3.98   | cps   |
| Zirconium | 91-1 | 1417 | 1467 | 1375 | 1420    | 3.23   | cps   |

LB Number : LB98566 Operator : Jaswal  
 Lab Sample ID : ICV01 Instrumnet Name : P8  
 Client Sample ID : ICV01 Dilution Factor : 1  
 Date & Time Acquired :: 2018-10-11 13:17:33 DataFile Name : 014ICV01.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 3424    | 3234    | 3341    | 3333    | 2.86   | cps   |
| Antimony   | 121-1 | 2216291 | 2242922 | 2224368 | 2227860 | 0.61   | cps   |
| Arsenic    | 75-2  | 22264   | 22216   | 22314   | 22265   | 0.22   | cps   |
| Barium     | 135-1 | 231795  | 234610  | 235869  | 234092  | 0.89   | cps   |
| Barium     | 137-1 | 411035  | 409807  | 413921  | 411588  | 0.51   | cps   |
| Beryllium  | 9-1   | 142807  | 139593  | 141533  | 141311  | 1.15   | cps   |
| Bismuth    | 209-1 | 5909030 | 5719693 | 5847986 | 5825569 | 1.66   | cps   |
| Bismuth    | 209-2 | 1456372 | 1466951 | 1364576 | 1429299 | 3.94   | cps   |
| Boron      | 11-1  | 3301    | 3492    | 3451    | 3414    | 2.95   | cps   |
| Boron      | 10-1  | 567     | 692     | 775     | 678     | 15.47  | cps   |
| Cadmium    | 106-1 | 23079   | 24673   | 23688   | 23814   | 3.38   | cps   |
| Cadmium    | 108-1 | 16360   | 16414   | 16147   | 16307   | 0.87   | cps   |
| Cadmium    | 111-1 | 249369  | 249681  | 248968  | 249339  | 0.14   | cps   |
| Calcium    | 43-1  | 46093   | 47398   | 46905   | 46799   | 1.41   | cps   |
| Calcium    | 44-1  | 769261  | 768076  | 766911  | 768083  | 0.15   | cps   |
| Chromium   | 52-2  | 87055   | 86706   | 87058   | 86940   | 0.23   | cps   |
| Cobalt     | 59-2  | 200712  | 199999  | 199438  | 200050  | 0.32   | cps   |
| Copper     | 63-2  | 177193  | 175869  | 176157  | 176407  | 0.39   | cps   |
| Dysprosium | 156-1 | 25      | 8       | 17      | 17      | 50.01  | cps   |
| Dysprosium | 156-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 67      | 75      | 58      | 67      | 12.49  | cps   |
| Erbium     | 164-2 | 13      | 20      | 17      | 17      | 20.01  | cps   |
| Gadolinium | 160-1 | 108     | 33      | 25      | 56      | 82.62  | cps   |
| Gadolinium | 160-2 | 0       | 10      | 7       | 6       | 91.64  | cps   |
| Holmium    | 165-1 | 8343347 | 8273510 | 8350446 | 8322434 | 0.51   | cps   |
| Holmium    | 165-2 | 1737997 | 1757367 | 1644001 | 1713122 | 3.54   | cps   |
| Indium     | 115-1 | 6280267 | 6246718 | 6256825 | 6261270 | 0.27   | cps   |
| Indium     | 115-2 | 263063  | 262964  | 244689  | 256905  | 4.12   | cps   |
| Iron       | 56-2  | 617766  | 613970  | 618406  | 616714  | 0.39   | cps   |
| Iron       | 57-2  | 15281   | 15726   | 15726   | 15578   | 1.65   | cps   |
| Krypton    | 83-1  | 343     | 370     | 400     | 371     | 7.64   | cps   |
| Lead       | 207-1 | 1402860 | 1407067 | 1397442 | 1402457 | 0.34   | cps   |
| Lead       | 208-1 | 6532700 | 6562407 | 6488669 | 6527925 | 0.57   | cps   |
| Lead       | 206-1 | 1595094 | 1602861 | 1599117 | 1599024 | 0.24   | cps   |
| Lithium    | 6-1   | 1111886 | 1107468 | 1131868 | 1117074 | 1.16   | cps   |
| Magnesium  | 24-2  | 37392   | 37626   | 38829   | 37949   | 2.03   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB98566             | Operator :        | Jaswal     |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P8         |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-10-11 13:17:33 | DataFile Name :   | 014ICV01.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 25313   | 25620   | 25594   | 25509   | 0.67   | cps   |
| Molybdenum | 94-1  | 658     | 892     | 592     | 714     | 22.07  | cps   |
| Molybdenum | 95-1  | 450     | 333     | 492     | 425     | 19.31  | cps   |
| Molybdenum | 96-1  | 592     | 492     | 483     | 522     | 11.54  | cps   |
| Molybdenum | 97-1  | 275     | 225     | 242     | 247     | 10.30  | cps   |
| Molybdenum | 98-1  | 558     | 592     | 450     | 533     | 13.89  | cps   |
| Neodymium  | 150-1 | 27      | 13      | 27      | 22      | 34.66  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 59540   | 59506   | 60290   | 59779   | 0.74   | cps   |
| Phosphorus | 31-2  | 8       | 0       | 0       | 3       | 173.21 | cps   |
| Potassium  | 39-2  | 34143   | 33616   | 34468   | 34076   | 1.26   | cps   |
| Rhodium    | 103-1 | 5928929 | 5845683 | 5969400 | 5914671 | 1.07   | cps   |
| Rhodium    | 103-2 | 1553667 | 1568624 | 1440806 | 1521032 | 4.59   | cps   |
| Scandium   | 45-1  | 3578408 | 3431428 | 3542725 | 3517520 | 2.18   | cps   |
| Scandium   | 45-2  | 25310   | 24996   | 23173   | 24493   | 4.71   | cps   |
| Selenium   | 77-2  | 120     | 117     | 150     | 129     | 14.24  | cps   |
| Selenium   | 78-2  | 639     | 587     | 565     | 597     | 6.37   | cps   |
| Selenium   | 82-1  | 30317   | 30361   | 29859   | 30179   | 0.92   | cps   |
| Silicon    | 28-1  | 209587  | 206162  | 208282  | 208010  | 0.83   | cps   |
| Silver     | 109-1 | 1144896 | 1141652 | 1150903 | 1145817 | 0.41   | cps   |
| Silver     | 107-1 | 1189348 | 1193284 | 1195010 | 1192547 | 0.24   | cps   |
| Sodium     | 23-2  | 141969  | 141279  | 139577  | 140942  | 0.87   | cps   |
| Strontium  | 86-1  | 7169    | 6860    | 6827    | 6952    | 2.71   | cps   |
| Strontium  | 88-1  | 56953   | 56627   | 56158   | 56580   | 0.71   | cps   |
| Sulfur     | 34-1  | 327840  | 328362  | 328572  | 328258  | 0.11   | cps   |
| Terbium    | 159-1 | 8527235 | 8510717 | 8563950 | 8533967 | 0.32   | cps   |
| Terbium    | 159-2 | 1676251 | 1702182 | 1585668 | 1654700 | 3.70   | cps   |
| Thallium   | 203-1 | 2038248 | 2006450 | 2028930 | 2024542 | 0.81   | cps   |
| Thallium   | 205-1 | 4780992 | 4763105 | 4750876 | 4764991 | 0.32   | cps   |
| Tin        | 118-1 | 1058    | 900     | 800     | 920     | 14.17  | cps   |
| Titanium   | 47-1  | 117     | 117     | 183     | 139     | 27.71  | cps   |
| Uranium    | 238-1 | 50      | 33      | 42      | 42      | 20.00  | cps   |
| Vanadium   | 51-2  | 64836   | 64223   | 65265   | 64775   | 0.81   | cps   |
| Yttrium    | 89-1  | 6424442 | 6335726 | 6395007 | 6385058 | 0.71   | cps   |
| Yttrium    | 89-2  | 190141  | 190671  | 177736  | 186183  | 3.93   | cps   |
| Zinc       | 66-2  | 33932   | 32956   | 33765   | 33551   | 1.56   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB98566             | Operator :        | Jaswal     |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P8         |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-10-11 13:17:33 | DataFile Name :   | 014ICV01.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1358 | 1350 | 1275 | 1328    | 3.46   | cps   |
| Zirconium | 91-1 | 517  | 458  | 475  | 483     | 6.22   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | LLICV01             | Instrumnet Name : | P8        |
| Client Sample ID :      | LLICV01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 13:21:16 | DataFile Name :   | 015LLIC.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 150     | 148     | 145     | 148     | 1.69   | cps   |
| Antimony   | 121-1 | 25600   | 25375   | 24574   | 25183   | 2.14   | cps   |
| Arsenic    | 75-2  | 128     | 131     | 115     | 125     | 7.02   | cps   |
| Barium     | 135-1 | 21652   | 21844   | 22161   | 21886   | 1.18   | cps   |
| Barium     | 137-1 | 37813   | 38165   | 39050   | 38343   | 1.66   | cps   |
| Beryllium  | 9-1   | 1645    | 1550    | 1561    | 1585    | 3.26   | cps   |
| Bismuth    | 209-1 | 5715909 | 5825492 | 5849115 | 5796839 | 1.23   | cps   |
| Bismuth    | 209-2 | 1450834 | 1459380 | 1479102 | 1463106 | 0.99   | cps   |
| Boron      | 11-1  | 19831   | 20565   | 21300   | 20565   | 3.57   | cps   |
| Boron      | 10-1  | 4309    | 4134    | 4693    | 4379    | 6.52   | cps   |
| Cadmium    | 106-1 | 1750    | 1583    | 1650    | 1661    | 5.05   | cps   |
| Cadmium    | 108-1 | 200     | 263     | 179     | 214     | 20.28  | cps   |
| Cadmium    | 111-1 | 3331    | 3146    | 3505    | 3327    | 5.40   | cps   |
| Calcium    | 43-1  | 10788   | 10996   | 10755   | 10846   | 1.21   | cps   |
| Calcium    | 44-1  | 186068  | 187342  | 186659  | 186690  | 0.34   | cps   |
| Chromium   | 52-2  | 2100    | 2407    | 2380    | 2296    | 7.40   | cps   |
| Cobalt     | 59-2  | 2034    | 2014    | 1937    | 1995    | 2.56   | cps   |
| Copper     | 63-2  | 3707    | 3634    | 3664    | 3668    | 1.01   | cps   |
| Dysprosium | 156-1 | 17      | 0       | 0       | 6       | 173.21 | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 50      | 50      | 67      | 56      | 17.32  | cps   |
| Erbium     | 164-2 | 10      | 7       | 0       | 6       | 91.64  | cps   |
| Gadolinium | 160-1 | 58      | 83      | 58      | 67      | 21.65  | cps   |
| Gadolinium | 160-2 | 10      | 3       | 10      | 8       | 49.52  | cps   |
| Holmium    | 165-1 | 8205513 | 8340090 | 8273304 | 8272969 | 0.81   | cps   |
| Holmium    | 165-2 | 1745572 | 1744964 | 1735432 | 1741989 | 0.33   | cps   |
| Indium     | 115-1 | 6209323 | 6304132 | 6276672 | 6263376 | 0.78   | cps   |
| Indium     | 115-2 | 264856  | 267395  | 265845  | 266032  | 0.48   | cps   |
| Iron       | 56-2  | 31269   | 31319   | 30862   | 31150   | 0.80   | cps   |
| Iron       | 57-2  | 744     | 828     | 806     | 793     | 5.44   | cps   |
| Krypton    | 83-1  | 363     | 350     | 403     | 372     | 7.46   | cps   |
| Lead       | 207-1 | 7313    | 7225    | 7241    | 7260    | 0.65   | cps   |
| Lead       | 208-1 | 33991   | 32823   | 33324   | 33379   | 1.76   | cps   |
| Lead       | 206-1 | 8208    | 8292    | 8353    | 8284    | 0.88   | cps   |
| Lithium    | 6-1   | 1110034 | 1138730 | 1121914 | 1123560 | 1.28   | cps   |
| Magnesium  | 24-2  | 15000   | 15693   | 14842   | 15178   | 2.98   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | LLICV01             | Instrumnet Name : | P8        |
| Client Sample ID :      | LLICV01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 13:21:16 | DataFile Name :   | 015LLIC.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 257     | 263     | 300     | 273     | 8.54   | cps   |
| Molybdenum | 94-1  | 18038   | 17295   | 17162   | 17498   | 2.70   | cps   |
| Molybdenum | 95-1  | 21343   | 22862   | 21618   | 21941   | 3.69   | cps   |
| Molybdenum | 96-1  | 24414   | 23772   | 24064   | 24083   | 1.34   | cps   |
| Molybdenum | 97-1  | 13908   | 14033   | 13983   | 13975   | 0.45   | cps   |
| Molybdenum | 98-1  | 35673   | 35506   | 35489   | 35556   | 0.29   | cps   |
| Neodymium  | 150-1 | 13      | 13      | 7       | 11      | 34.61  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 1077    | 1057    | 997     | 1043    | 3.99   | cps   |
| Phosphorus | 31-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Potassium  | 39-2  | 9954    | 9462    | 9820    | 9745    | 2.61   | cps   |
| Rhodium    | 103-1 | 5895017 | 5905677 | 5961023 | 5920572 | 0.60   | cps   |
| Rhodium    | 103-2 | 1551077 | 1576748 | 1578059 | 1568628 | 0.97   | cps   |
| Scandium   | 45-1  | 3455186 | 3475673 | 3533577 | 3488145 | 1.17   | cps   |
| Scandium   | 45-2  | 25400   | 25193   | 25650   | 25414   | 0.90   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 22      | 17      | 17      | 19      | 17.30  | cps   |
| Selenium   | 82-1  | 771     | 815     | 657     | 748     | 10.92  | cps   |
| Silicon    | 28-1  | 268862  | 266188  | 267095  | 267382  | 0.51   | cps   |
| Silver     | 109-1 | 11255   | 11280   | 10755   | 11097   | 2.67   | cps   |
| Silver     | 107-1 | 11847   | 12765   | 11555   | 12056   | 5.24   | cps   |
| Sodium     | 23-2  | 39572   | 38144   | 38712   | 38809   | 1.85   | cps   |
| Strontium  | 86-1  | 3326    | 3551    | 3117    | 3331    | 6.51   | cps   |
| Strontium  | 88-1  | 23738   | 23955   | 24781   | 24158   | 2.28   | cps   |
| Sulfur     | 34-1  | 329826  | 330380  | 329665  | 329957  | 0.11   | cps   |
| Terbium    | 159-1 | 8461174 | 8560431 | 8534336 | 8518647 | 0.60   | cps   |
| Terbium    | 159-2 | 1701315 | 1719616 | 1699696 | 1706876 | 0.65   | cps   |
| Thallium   | 203-1 | 9904    | 9512    | 9696    | 9704    | 2.02   | cps   |
| Thallium   | 205-1 | 23481   | 23489   | 23690   | 23553   | 0.50   | cps   |
| Tin        | 118-1 | 37771   | 37487   | 36977   | 37412   | 1.08   | cps   |
| Titanium   | 47-1  | 5476    | 5426    | 4951    | 5285    | 5.49   | cps   |
| Uranium    | 238-1 | 31190   | 30530   | 30681   | 30800   | 1.12   | cps   |
| Vanadium   | 51-2  | 3054    | 3017    | 2970    | 3014    | 1.39   | cps   |
| Yttrium    | 89-1  | 6413112 | 6347485 | 6426555 | 6395717 | 0.66   | cps   |
| Yttrium    | 89-2  | 190986  | 193521  | 192091  | 192199  | 0.66   | cps   |
| Zinc       | 66-2  | 410     | 430     | 377     | 406     | 6.64   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | LLICV01             | Instrumnet Name : | P8        |
| Client Sample ID :      | LLICV01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 13:21:16 | DataFile Name :   | 015LLIC.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 90-1 | 14550 | 14959 | 14825 | 14778   | 1.41   | cps   |
| Zirconium | 91-1 | 3592  | 2900  | 3301  | 3264    | 10.64  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P8        |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 13:25:03 | DataFile Name :   | 016CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 13      | 13      | 13      | 13      | 0.00   | cps   |
| Antimony   | 121-1 | 1292    | 1525    | 1458    | 1425    | 8.43   | cps   |
| Arsenic    | 75-2  | 7       | 7       | 6       | 7       | 15.72  | cps   |
| Barium     | 135-1 | 50      | 42      | 67      | 53      | 24.12  | cps   |
| Barium     | 137-1 | 33      | 42      | 42      | 39      | 12.38  | cps   |
| Beryllium  | 9-1   | 244     | 150     | 178     | 191     | 25.45  | cps   |
| Bismuth    | 209-1 | 5762527 | 5770398 | 5907562 | 5813496 | 1.40   | cps   |
| Bismuth    | 209-2 | 1441897 | 1438711 | 1451538 | 1444049 | 0.46   | cps   |
| Boron      | 11-1  | 3851    | 3851    | 3426    | 3709    | 6.62   | cps   |
| Boron      | 10-1  | 692     | 617     | 825     | 711     | 14.84  | cps   |
| Cadmium    | 106-1 | 1425    | 1392    | 1433    | 1417    | 1.56   | cps   |
| Cadmium    | 108-1 | 17      | 4       | 13      | 11      | 57.27  | cps   |
| Cadmium    | 111-1 | 994     | 996     | 1016    | 1002    | 1.17   | cps   |
| Calcium    | 43-1  | 383     | 325     | 375     | 361     | 8.74   | cps   |
| Calcium    | 44-1  | 11689   | 12097   | 11714   | 11833   | 1.94   | cps   |
| Chromium   | 52-2  | 450     | 387     | 407     | 414     | 7.81   | cps   |
| Cobalt     | 59-2  | 30      | 53      | 70      | 51      | 39.31  | cps   |
| Copper     | 63-2  | 293     | 293     | 220     | 269     | 15.75  | cps   |
| Dysprosium | 156-1 | 0       | 17      | 0       | 6       | 173.21 | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 25      | 25      | 25      | 25      | 0.00   | cps   |
| Erbium     | 164-2 | 0       | 7       | 0       | 2       | 173.21 | cps   |
| Gadolinium | 160-1 | 17      | 50      | 42      | 36      | 48.03  | cps   |
| Gadolinium | 160-2 | 7       | 7       | 0       | 4       | 86.60  | cps   |
| Holmium    | 165-1 | 8192829 | 8171011 | 8352698 | 8238846 | 1.20   | cps   |
| Holmium    | 165-2 | 1729150 | 1730990 | 1733017 | 1731052 | 0.11   | cps   |
| Indium     | 115-1 | 6216422 | 6258913 | 6348477 | 6274604 | 1.07   | cps   |
| Indium     | 115-2 | 260319  | 261960  | 263216  | 261832  | 0.55   | cps   |
| Iron       | 56-2  | 956     | 1300    | 1128    | 1128    | 15.27  | cps   |
| Iron       | 57-2  | 67      | 44      | 39      | 50      | 29.40  | cps   |
| Krypton    | 83-1  | 380     | 373     | 420     | 391     | 6.45   | cps   |
| Lead       | 207-1 | 394     | 350     | 422     | 389     | 9.37   | cps   |
| Lead       | 208-1 | 1639    | 1739    | 1800    | 1726    | 4.71   | cps   |
| Lead       | 206-1 | 383     | 489     | 444     | 439     | 12.08  | cps   |
| Lithium    | 6-1   | 1122160 | 1118336 | 1139503 | 1126667 | 1.00   | cps   |
| Magnesium  | 24-2  | 383     | 425     | 350     | 386     | 9.73   | cps   |

LB Number : LB98566 Operator : Jaswal  
 Lab Sample ID : ICB01 Instrumnet Name : P8  
 Client Sample ID : ICB01 Dilution Factor : 1  
 Date & Time Acquired :: 2018-10-11 13:25:03 DataFile Name : 016CCBE.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Manganese  | 55-2  | 50      | 23      | 43      | 39      | 35.69   | cps   |
| Molybdenum | 94-1  | 250     | 458     | 300     | 336     | 32.36   | cps   |
| Molybdenum | 95-1  | 233     | 225     | 250     | 236     | 5.39    | cps   |
| Molybdenum | 96-1  | 225     | 217     | 250     | 231     | 7.52    | cps   |
| Molybdenum | 97-1  | 133     | 158     | 67      | 119     | 39.67   | cps   |
| Molybdenum | 98-1  | 325     | 267     | 217     | 269     | 20.12   | cps   |
| Neodymium  | 150-1 | 7       | 13      | 0       | 7       | 99.98   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Nickel     | 60-2  | 320     | 390     | 373     | 361     | 10.13   | cps   |
| Phosphorus | 31-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Potassium  | 39-2  | 2234    | 2584    | 2434    | 2417    | 7.27    | cps   |
| Rhodium    | 103-1 | 5903322 | 5897847 | 5988634 | 5929934 | 0.86    | cps   |
| Rhodium    | 103-2 | 1549515 | 1554700 | 1560908 | 1555041 | 0.37    | cps   |
| Scandium   | 45-1  | 3471536 | 3488491 | 3531122 | 3497050 | 0.88    | cps   |
| Scandium   | 45-2  | 24725   | 25079   | 25350   | 25051   | 1.25    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 2       | 4       | 0       | 2       | 100.00  | cps   |
| Selenium   | 82-1  | 22      | -10     | -73     | -20     | -238.82 | cps   |
| Silicon    | 28-1  | 201826  | 201907  | 262978  | 222237  | 15.88   | cps   |
| Silver     | 109-1 | 133     | 58      | 108     | 100     | 38.19   | cps   |
| Silver     | 107-1 | 75      | 125     | 83      | 94      | 28.37   | cps   |
| Sodium     | 23-2  | 5876    | 5726    | 5935    | 5846    | 1.84    | cps   |
| Strontium  | 86-1  | 767     | 592     | 725     | 694     | 13.16   | cps   |
| Strontium  | 88-1  | 158     | 150     | 75      | 128     | 35.92   | cps   |
| Sulfur     | 34-1  | 330601  | 335199  | 333527  | 333109  | 0.70    | cps   |
| Terbium    | 159-1 | 8524092 | 8568841 | 8604182 | 8565705 | 0.47    | cps   |
| Terbium    | 159-2 | 1667851 | 1676734 | 1677628 | 1674071 | 0.32    | cps   |
| Thallium   | 203-1 | 417     | 517     | 567     | 500     | 15.28   | cps   |
| Thallium   | 205-1 | 1183    | 1208    | 1375    | 1256    | 8.30    | cps   |
| Tin        | 118-1 | 767     | 958     | 850     | 858     | 11.20   | cps   |
| Titanium   | 47-1  | 167     | 167     | 142     | 158     | 9.12    | cps   |
| Uranium    | 238-1 | 33      | 17      | 17      | 22      | 43.28   | cps   |
| Vanadium   | 51-2  | 10      | 13      | 10      | 11      | 17.30   | cps   |
| Yttrium    | 89-1  | 6345041 | 6371294 | 6445166 | 6387167 | 0.81    | cps   |
| Yttrium    | 89-2  | 188329  | 190497  | 189913  | 189580  | 0.59    | cps   |
| Zinc       | 66-2  | 97      | 77      | 57      | 77      | 26.09   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P8        |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 13:25:03 | DataFile Name :   | 016CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 875  | 775  | 667  | 772     | 13.49  | cps   |
| Zirconium | 91-1 | 108  | 200  | 133  | 147     | 32.19  | cps   |

|                         |                     |                   |             |
|-------------------------|---------------------|-------------------|-------------|
| LB Number :             | LB98566             | Operator :        | Jaswal      |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P8          |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1           |
| Date & Time Acquired :: | 2018-10-11 13:28:27 | DataFile Name :   | 017ICSA01.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 561788   | 554695   | 554290   | 556924   | 0.76   | cps   |
| Antimony   | 121-1 | 12882    | 13516    | 13215    | 13204    | 2.40   | cps   |
| Arsenic    | 75-2  | 28       | 43       | 17       | 29       | 44.82  | cps   |
| Barium     | 135-1 | 3559     | 3642     | 3117     | 3440     | 8.21   | cps   |
| Barium     | 137-1 | 6218     | 6127     | 6444     | 6263     | 2.60   | cps   |
| Beryllium  | 9-1   | 489      | 439      | 467      | 465      | 5.39   | cps   |
| Bismuth    | 209-1 | 5684264  | 5783694  | 5707433  | 5725130  | 0.91   | cps   |
| Bismuth    | 209-2 | 1294670  | 1354413  | 1362193  | 1337092  | 2.76   | cps   |
| Boron      | 11-1  | 4034     | 4201     | 4168     | 4134     | 2.13   | cps   |
| Boron      | 10-1  | 950      | 900      | 892      | 914      | 3.45   | cps   |
| Cadmium    | 106-1 | 1300     | 1375     | 1342     | 1339     | 2.81   | cps   |
| Cadmium    | 108-1 | 1446     | 1350     | 1483     | 1427     | 4.82   | cps   |
| Cadmium    | 111-1 | 1661     | 1747     | 1630     | 1679     | 3.60   | cps   |
| Calcium    | 43-1  | 2139539  | 2138423  | 2134622  | 2137528  | 0.12   | cps   |
| Calcium    | 44-1  | 34226996 | 34333184 | 34288538 | 34282906 | 0.16   | cps   |
| Chromium   | 52-2  | 19053    | 18442    | 19123    | 18873    | 1.98   | cps   |
| Cobalt     | 59-2  | 2410     | 2310     | 2327     | 2349     | 2.28   | cps   |
| Copper     | 63-2  | 12189    | 12446    | 12472    | 12369    | 1.27   | cps   |
| Dysprosium | 156-1 | 25       | 17       | 50       | 31       | 56.77  | cps   |
| Dysprosium | 156-2 | 10       | 27       | 13       | 17       | 52.93  | cps   |
| Erbium     | 164-1 | 100      | 92       | 83       | 92       | 9.09   | cps   |
| Erbium     | 164-2 | 7        | 7        | 10       | 8        | 24.71  | cps   |
| Gadolinium | 160-1 | 108      | 58       | 75       | 81       | 31.60  | cps   |
| Gadolinium | 160-2 | 20       | 13       | 7        | 13       | 49.99  | cps   |
| Holmium    | 165-1 | 8318563  | 8410564  | 8360749  | 8363292  | 0.55   | cps   |
| Holmium    | 165-2 | 1601230  | 1707530  | 1693276  | 1667345  | 3.46   | cps   |
| Indium     | 115-1 | 5947512  | 6076511  | 5993962  | 6005995  | 1.09   | cps   |
| Indium     | 115-2 | 227673   | 237332   | 237919   | 234308   | 2.46   | cps   |
| Iron       | 56-2  | 54466933 | 53861105 | 53859976 | 54062672 | 0.65   | cps   |
| Iron       | 57-2  | 1416405  | 1367663  | 1368592  | 1384220  | 2.01   | cps   |
| Krypton    | 83-1  | 353      | 353      | 420      | 376      | 10.25  | cps   |
| Lead       | 207-1 | 31050    | 30331    | 30843    | 30741    | 1.20   | cps   |
| Lead       | 208-1 | 145857   | 144493   | 144498   | 144949   | 0.54   | cps   |
| Lead       | 206-1 | 39328    | 38286    | 38136    | 38583    | 1.68   | cps   |
| Lithium    | 6-1   | 1038632  | 1048091  | 1052316  | 1046346  | 0.67   | cps   |
| Magnesium  | 24-2  | 2737391  | 2759777  | 2751082  | 2749417  | 0.41   | cps   |

|                         |                     |                   |             |
|-------------------------|---------------------|-------------------|-------------|
| LB Number :             | LB98566             | Operator :        | Jaswal      |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P8          |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1           |
| Date & Time Acquired :: | 2018-10-11 13:28:27 | DataFile Name :   | 017ICSA01.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1914     | 1770     | 1870     | 1851     | 3.97   | cps   |
| Molybdenum | 94-1  | 4950865  | 4955734  | 4962965  | 4956522  | 0.12   | cps   |
| Molybdenum | 95-1  | 8621145  | 8529609  | 8622028  | 8590927  | 0.62   | cps   |
| Molybdenum | 96-1  | 9238119  | 9223199  | 9280431  | 9247250  | 0.32   | cps   |
| Molybdenum | 97-1  | 5456140  | 5446118  | 5457209  | 5453156  | 0.11   | cps   |
| Molybdenum | 98-1  | 13948918 | 14059313 | 14033345 | 14013859 | 0.41   | cps   |
| Neodymium  | 150-1 | 60       | 53       | 40       | 51       | 19.92  | cps   |
| Neodymium  | 150-2 | 7        | 3        | 7        | 6        | 34.70  | cps   |
| Nickel     | 60-2  | 4514     | 4214     | 4537     | 4422     | 4.08   | cps   |
| Phosphorus | 31-2  | 39180    | 37985    | 37743    | 38303    | 2.01   | cps   |
| Potassium  | 39-2  | 1427661  | 1412478  | 1390354  | 1410164  | 1.33   | cps   |
| Rhodium    | 103-1 | 5398659  | 5472505  | 5431920  | 5434362  | 0.68   | cps   |
| Rhodium    | 103-2 | 1328706  | 1389258  | 1385953  | 1367972  | 2.49   | cps   |
| Scandium   | 45-1  | 3150200  | 3248450  | 3226450  | 3208367  | 1.61   | cps   |
| Scandium   | 45-2  | 20799    | 22047    | 22154    | 21667    | 3.48   | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00   | cps   |
| Selenium   | 78-2  | 0        | 2        | 2        | 1        | 86.60  | cps   |
| Selenium   | 82-1  | 16       | 26       | 12       | 18       | 39.31  | cps   |
| Silicon    | 28-1  | 306137   | 303362   | 305984   | 305161   | 0.51   | cps   |
| Silver     | 109-1 | 683      | 783      | 792      | 753      | 8.01   | cps   |
| Silver     | 107-1 | 708      | 783      | 950      | 814      | 15.20  | cps   |
| Sodium     | 23-2  | 6100547  | 6122530  | 6096409  | 6106495  | 0.23   | cps   |
| Strontium  | 86-1  | 93553    | 93813    | 93797    | 93721    | 0.16   | cps   |
| Strontium  | 88-1  | 804039   | 797893   | 811784   | 804572   | 0.87   | cps   |
| Sulfur     | 34-1  | 2745649  | 2734512  | 2722300  | 2734154  | 0.43   | cps   |
| Terbium    | 159-1 | 8562555  | 8682739  | 8627522  | 8624272  | 0.70   | cps   |
| Terbium    | 159-2 | 1565856  | 1617633  | 1635898  | 1606462  | 2.26   | cps   |
| Thallium   | 203-1 | 750      | 958      | 858      | 856      | 12.18  | cps   |
| Thallium   | 205-1 | 2084     | 2284     | 2750     | 2373     | 14.42  | cps   |
| Tin        | 118-1 | 2184     | 2150     | 2150     | 2161     | 0.89   | cps   |
| Titanium   | 47-1  | 2115670  | 2109755  | 2137657  | 2121027  | 0.69   | cps   |
| Uranium    | 238-1 | 842      | 758      | 808      | 803      | 5.23   | cps   |
| Vanadium   | 51-2  | 100      | 73       | 110      | 94       | 20.07  | cps   |
| Yttrium    | 89-1  | 6049739  | 6153397  | 6109662  | 6104266  | 0.85   | cps   |
| Yttrium    | 89-2  | 165122   | 172461   | 172713   | 170098   | 2.53   | cps   |
| Zinc       | 66-2  | 1830     | 1890     | 1900     | 1873     | 2.02   | cps   |

|                         |                     |                   |             |
|-------------------------|---------------------|-------------------|-------------|
| LB Number :             | LB98566             | Operator :        | Jaswal      |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P8          |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1           |
| Date & Time Acquired :: | 2018-10-11 13:28:27 | DataFile Name :   | 017ICSA01.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 4951 | 4251 | 3801 | 4334    | 13.38  | cps   |
| Zirconium | 91-1 | 1133 | 1017 | 817  | 989     | 16.20  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 13:36:26 | DataFile Name :   | 019ICSB.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 538090   | 533194   | 533372   | 534885   | 0.52   | cps   |
| Antimony   | 121-1 | 218771   | 222244   | 221456   | 220824   | 0.82   | cps   |
| Arsenic    | 75-2  | 1859     | 1978     | 1941     | 1926     | 3.15   | cps   |
| Barium     | 135-1 | 48933    | 48281    | 49569    | 48927    | 1.32   | cps   |
| Barium     | 137-1 | 86391    | 86331    | 86424    | 86382    | 0.06   | cps   |
| Beryllium  | 9-1   | 25918    | 25100    | 25512    | 25510    | 1.60   | cps   |
| Bismuth    | 209-1 | 5856392  | 5872005  | 5846833  | 5858410  | 0.22   | cps   |
| Bismuth    | 209-2 | 1407459  | 1376308  | 1360512  | 1381426  | 1.73   | cps   |
| Boron      | 11-1  | 428687   | 423109   | 418488   | 423428   | 1.21   | cps   |
| Boron      | 10-1  | 87366    | 87718    | 86050    | 87044    | 1.01   | cps   |
| Cadmium    | 106-1 | 5835     | 5460     | 5618     | 5638     | 3.34   | cps   |
| Cadmium    | 108-1 | 4701     | 4630     | 4530     | 4620     | 1.86   | cps   |
| Cadmium    | 111-1 | 47822    | 47032    | 48070    | 47641    | 1.14   | cps   |
| Calcium    | 43-1  | 2106226  | 2069580  | 2085130  | 2086978  | 0.88   | cps   |
| Calcium    | 44-1  | 33855083 | 33472761 | 33436457 | 33588100 | 0.69   | cps   |
| Chromium   | 52-2  | 36204    | 35271    | 35011    | 35495    | 1.77   | cps   |
| Cobalt     | 59-2  | 35963    | 36976    | 35976    | 36305    | 1.60   | cps   |
| Copper     | 63-2  | 42228    | 41669    | 41689    | 41862    | 0.76   | cps   |
| Dysprosium | 156-1 | 58       | 33       | 58       | 50       | 28.88  | cps   |
| Dysprosium | 156-2 | 10       | 0        | 17       | 9        | 94.38  | cps   |
| Erbium     | 164-1 | 108      | 108      | 75       | 97       | 19.80  | cps   |
| Erbium     | 164-2 | 17       | 17       | 10       | 14       | 26.66  | cps   |
| Gadolinium | 160-1 | 125      | 100      | 75       | 100      | 25.00  | cps   |
| Gadolinium | 160-2 | 17       | 10       | 13       | 13       | 25.01  | cps   |
| Holmium    | 165-1 | 8606590  | 8674349  | 8584848  | 8621929  | 0.54   | cps   |
| Holmium    | 165-2 | 1748203  | 1725919  | 1694437  | 1722853  | 1.57   | cps   |
| Indium     | 115-1 | 6095679  | 6135047  | 6109400  | 6113375  | 0.33   | cps   |
| Indium     | 115-2 | 241466   | 235662   | 232861   | 236663   | 1.85   | cps   |
| Iron       | 56-2  | 52226078 | 52075515 | 51819682 | 52040425 | 0.39   | cps   |
| Iron       | 57-2  | 1330293  | 1310764  | 1320892  | 1320650  | 0.74   | cps   |
| Krypton    | 83-1  | 440      | 357      | 403      | 400      | 10.44  | cps   |
| Lead       | 207-1 | 163405   | 164046   | 162308   | 163253   | 0.54   | cps   |
| Lead       | 208-1 | 764311   | 763944   | 758929   | 762394   | 0.39   | cps   |
| Lead       | 206-1 | 196716   | 194314   | 195260   | 195430   | 0.62   | cps   |
| Lithium    | 6-1   | 1047142  | 1056711  | 1057893  | 1053915  | 0.56   | cps   |
| Magnesium  | 24-2  | 2653462  | 2647173  | 2620961  | 2640532  | 0.65   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 13:36:26 | DataFile Name :   | 019ICSB.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 6068     | 6552     | 6602     | 6407     | 4.60   | cps   |
| Molybdenum | 94-1  | 6039992  | 5998060  | 5996509  | 6011520  | 0.41   | cps   |
| Molybdenum | 95-1  | 10664477 | 10435422 | 10503372 | 10534424 | 1.12   | cps   |
| Molybdenum | 96-1  | 11341049 | 11316121 | 11226891 | 11294687 | 0.53   | cps   |
| Molybdenum | 97-1  | 6687290  | 6653075  | 6644350  | 6661572  | 0.34   | cps   |
| Molybdenum | 98-1  | 17003483 | 17119337 | 16925768 | 17016196 | 0.57   | cps   |
| Neodymium  | 150-1 | 60       | 33       | 47       | 47       | 28.58  | cps   |
| Neodymium  | 150-2 | 3        | 10       | 7        | 7        | 50.03  | cps   |
| Nickel     | 60-2  | 15395    | 15098    | 15352    | 15282    | 1.05   | cps   |
| Phosphorus | 31-2  | 36097    | 36607    | 36791    | 36498    | 0.98   | cps   |
| Potassium  | 39-2  | 1366393  | 1368152  | 1344563  | 1359703  | 0.97   | cps   |
| Rhodium    | 103-1 | 5601563  | 5607875  | 5528079  | 5579172  | 0.80   | cps   |
| Rhodium    | 103-2 | 1435165  | 1393459  | 1391433  | 1406686  | 1.75   | cps   |
| Scandium   | 45-1  | 3289230  | 3317710  | 3289331  | 3298757  | 0.50   | cps   |
| Scandium   | 45-2  | 22822    | 21760    | 21737    | 22107    | 2.80   | cps   |
| Selenium   | 77-2  | 27       | 17       | 3        | 16       | 75.27  | cps   |
| Selenium   | 78-2  | 48       | 56       | 43       | 49       | 13.34  | cps   |
| Selenium   | 82-1  | 2700     | 2847     | 2727     | 2758     | 2.85   | cps   |
| Silicon    | 28-1  | 2107939  | 2078801  | 2064322  | 2083687  | 1.07   | cps   |
| Silver     | 109-1 | 201919   | 199853   | 201301   | 201024   | 0.53   | cps   |
| Silver     | 107-1 | 212482   | 212391   | 211491   | 212121   | 0.26   | cps   |
| Sodium     | 23-2  | 5873100  | 5886379  | 5851193  | 5870224  | 0.30   | cps   |
| Strontium  | 86-1  | 92630    | 90206    | 91153    | 91330    | 1.34   | cps   |
| Strontium  | 88-1  | 800804   | 786578   | 786630   | 791337   | 1.04   | cps   |
| Sulfur     | 34-1  | 2679633  | 2647891  | 2649402  | 2658975  | 0.67   | cps   |
| Terbium    | 159-1 | 8795425  | 8790566  | 8714584  | 8766858  | 0.52   | cps   |
| Terbium    | 159-2 | 1695253  | 1660423  | 1644860  | 1666845  | 1.55   | cps   |
| Thallium   | 203-1 | 193581   | 190837   | 190443   | 191620   | 0.89   | cps   |
| Thallium   | 205-1 | 461085   | 463675   | 462020   | 462260   | 0.28   | cps   |
| Tin        | 118-1 | 3608866  | 3597987  | 3567539  | 3591464  | 0.60   | cps   |
| Titanium   | 47-1  | 2575900  | 2575502  | 2540255  | 2563886  | 0.80   | cps   |
| Uranium    | 238-1 | 892      | 733      | 767      | 797      | 10.47  | cps   |
| Vanadium   | 51-2  | 11215    | 10958    | 11331    | 11168    | 1.71   | cps   |
| Yttrium    | 89-1  | 6279716  | 6280222  | 6258973  | 6272970  | 0.19   | cps   |
| Yttrium    | 89-2  | 178249   | 173399   | 171499   | 174382   | 2.00   | cps   |
| Zinc       | 66-2  | 4588     | 4571     | 4631     | 4596     | 0.67   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSAB01             | Instrumnet Name : | P8        |
| Client Sample ID :      | ICSAB01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 13:36:26 | DataFile Name :   | 019ICSB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 5001 | 4376 | 4109 | 4495    | 10.18  | cps   |
| Zirconium | 91-1 | 1358 | 958  | 892  | 1070    | 23.60  | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB98566             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV92               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV92               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-10-11 13:39:44 | DataFile Name :   | 020CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 328766   | 328040   | 325319   | 327375   | 0.56   | cps   |
| Antimony   | 121-1 | 5420079  | 5522994  | 5466666  | 5469913  | 0.94   | cps   |
| Arsenic    | 75-2  | 50951    | 50542    | 50971    | 50821    | 0.48   | cps   |
| Barium     | 135-1 | 5815934  | 5859946  | 5779616  | 5818499  | 0.69   | cps   |
| Barium     | 137-1 | 10108388 | 10161821 | 10194328 | 10154846 | 0.43   | cps   |
| Beryllium  | 9-1   | 644522   | 645392   | 652246   | 647387   | 0.65   | cps   |
| Bismuth    | 209-1 | 5647717  | 5683996  | 5652909  | 5661541  | 0.35   | cps   |
| Bismuth    | 209-2 | 1335496  | 1380628  | 1314383  | 1343502  | 2.52   | cps   |
| Boron      | 11-1  | 358668   | 368244   | 378591   | 368501   | 2.70   | cps   |
| Boron      | 10-1  | 73480    | 75222    | 76973    | 75225    | 2.32   | cps   |
| Cadmium    | 106-1 | 122671   | 124806   | 123687   | 123721   | 0.86   | cps   |
| Cadmium    | 108-1 | 83729    | 85159    | 83649    | 84179    | 1.01   | cps   |
| Cadmium    | 111-1 | 1169979  | 1180147  | 1175762  | 1175296  | 0.43   | cps   |
| Calcium    | 43-1  | 5240918  | 5254076  | 5224832  | 5239942  | 0.28   | cps   |
| Calcium    | 44-1  | 85478016 | 86447319 | 85664012 | 85863116 | 0.60   | cps   |
| Chromium   | 52-2  | 418684   | 417694   | 417461   | 417946   | 0.16   | cps   |
| Cobalt     | 59-2  | 888740   | 888223   | 890799   | 889254   | 0.15   | cps   |
| Copper     | 63-2  | 1543787  | 1506338  | 1515462  | 1521862  | 1.28   | cps   |
| Dysprosium | 156-1 | 175      | 83       | 108      | 122      | 38.77  | cps   |
| Dysprosium | 156-2 | 10       | 20       | 17       | 16       | 32.73  | cps   |
| Erbium     | 164-1 | 58       | 25       | 67       | 50       | 44.10  | cps   |
| Erbium     | 164-2 | 10       | 0        | 10       | 7        | 86.60  | cps   |
| Gadolinium | 160-1 | 108      | 75       | 50       | 78       | 37.63  | cps   |
| Gadolinium | 160-2 | 17       | 23       | 10       | 17       | 39.99  | cps   |
| Holmium    | 165-1 | 8298737  | 8471765  | 8376626  | 8382376  | 1.03   | cps   |
| Holmium    | 165-2 | 1688397  | 1735543  | 1661271  | 1695070  | 2.22   | cps   |
| Indium     | 115-1 | 5835221  | 5962214  | 5885406  | 5894281  | 1.09   | cps   |
| Indium     | 115-2 | 233940   | 240764   | 231653   | 235453   | 2.01   | cps   |
| Iron       | 56-2  | 68548992 | 68588136 | 68661256 | 68599461 | 0.08   | cps   |
| Iron       | 57-2  | 1754353  | 1762861  | 1762843  | 1760019  | 0.28   | cps   |
| Krypton    | 83-1  | 340      | 287      | 360      | 329      | 11.53  | cps   |
| Lead       | 207-1 | 3605899  | 3629154  | 3623853  | 3619636  | 0.34   | cps   |
| Lead       | 208-1 | 16102934 | 16044236 | 16133536 | 16093569 | 0.28   | cps   |
| Lead       | 206-1 | 3943924  | 3936241  | 3921138  | 3933768  | 0.29   | cps   |
| Lithium    | 6-1   | 1024383  | 1031308  | 1036292  | 1030661  | 0.58   | cps   |
| Magnesium  | 24-2  | 6796589  | 6751950  | 6821994  | 6790178  | 0.52   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB98566             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV92               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV92               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-10-11 13:39:44 | DataFile Name :   | 020CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 237267   | 235324   | 237660   | 236750   | 0.53   | cps   |
| Molybdenum | 94-1  | 8981218  | 9108078  | 9100769  | 9063355  | 0.79   | cps   |
| Molybdenum | 95-1  | 11124823 | 11131210 | 11157022 | 11137685 | 0.15   | cps   |
| Molybdenum | 96-1  | 12437208 | 12381425 | 12445491 | 12421374 | 0.28   | cps   |
| Molybdenum | 97-1  | 6961873  | 6968369  | 6988364  | 6972869  | 0.20   | cps   |
| Molybdenum | 98-1  | 18025841 | 17898318 | 17899362 | 17941173 | 0.41   | cps   |
| Neodymium  | 150-1 | 347      | 367      | 293      | 336      | 11.30  | cps   |
| Neodymium  | 150-2 | 0        | 3        | 20       | 8        | 137.80 | cps   |
| Nickel     | 60-2  | 267328   | 264709   | 267300   | 266446   | 0.56   | cps   |
| Phosphorus | 31-2  | 4026     | 4192     | 4076     | 4098     | 2.09   | cps   |
| Potassium  | 39-2  | 1809203  | 1803512  | 1799897  | 1804204  | 0.26   | cps   |
| Rhodium    | 103-1 | 5339977  | 5391036  | 5330112  | 5353708  | 0.61   | cps   |
| Rhodium    | 103-2 | 1363668  | 1397628  | 1349476  | 1370257  | 1.81   | cps   |
| Scandium   | 45-1  | 3234927  | 3301079  | 3238096  | 3258034  | 1.15   | cps   |
| Scandium   | 45-2  | 22869    | 23787    | 22568    | 23075    | 2.75   | cps   |
| Selenium   | 77-2  | 433      | 347      | 350      | 377      | 13.04  | cps   |
| Selenium   | 78-2  | 1189     | 1245     | 1219     | 1217     | 2.28   | cps   |
| Selenium   | 82-1  | 68944    | 69267    | 68851    | 69020    | 0.32   | cps   |
| Silicon    | 28-1  | 2285416  | 2292120  | 2295070  | 2290868  | 0.22   | cps   |
| Silver     | 109-1 | 5375396  | 5385054  | 5318614  | 5359688  | 0.67   | cps   |
| Silver     | 107-1 | 5620771  | 5625125  | 5551930  | 5599275  | 0.73   | cps   |
| Sodium     | 23-2  | 15360769 | 15408458 | 15375868 | 15381698 | 0.16   | cps   |
| Strontium  | 86-1  | 1370430  | 1375277  | 1369462  | 1371723  | 0.23   | cps   |
| Strontium  | 88-1  | 11975559 | 11940585 | 11965521 | 11960555 | 0.15   | cps   |
| Sulfur     | 34-1  | 601312   | 598083   | 601901   | 600432   | 0.34   | cps   |
| Terbium    | 159-1 | 8593371  | 8640554  | 8533821  | 8589248  | 0.62   | cps   |
| Terbium    | 159-2 | 1617203  | 1686551  | 1594311  | 1632688  | 2.94   | cps   |
| Thallium   | 203-1 | 4892399  | 4855317  | 4919298  | 4889005  | 0.66   | cps   |
| Thallium   | 205-1 | 11437183 | 11457230 | 11509656 | 11468023 | 0.33   | cps   |
| Tin        | 118-1 | 3739387  | 3773403  | 3757736  | 3756842  | 0.45   | cps   |
| Titanium   | 47-1  | 2653038  | 2665952  | 2680178  | 2666389  | 0.51   | cps   |
| Uranium    | 238-1 | 16644684 | 16673507 | 16777830 | 16698673 | 0.42   | cps   |
| Vanadium   | 51-2  | 299250   | 299806   | 298721   | 299259   | 0.18   | cps   |
| Yttrium    | 89-1  | 6081929  | 6236224  | 6079837  | 6132663  | 1.46   | cps   |
| Yttrium    | 89-2  | 173533   | 177986   | 172885   | 174801   | 1.59   | cps   |
| Zinc       | 66-2  | 142846   | 145016   | 143381   | 143748   | 0.79   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB98566             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV92               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV92               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-10-11 13:39:44 | DataFile Name :   | 020CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 7527326 | 7681038 | 7550434 | 7586266 | 1.09   | cps   |
| Zirconium | 91-1 | 1707493 | 1706603 | 1726237 | 1713444 | 0.65   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB92               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB92               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 13:42:55 | DataFile Name :   | 021CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 20      | 23      | 23      | 22      | 6.66   | cps   |
| Antimony   | 121-1 | 11981   | 11389   | 10897   | 11422   | 4.75   | cps   |
| Arsenic    | 75-2  | 11      | 7       | 11      | 10      | 21.63  | cps   |
| Barium     | 135-1 | 267     | 292     | 142     | 233     | 34.44  | cps   |
| Barium     | 137-1 | 592     | 358     | 233     | 394     | 46.11  | cps   |
| Beryllium  | 9-1   | 433     | 428     | 372     | 411     | 8.22   | cps   |
| Bismuth    | 209-1 | 6011789 | 6036682 | 6103489 | 6050653 | 0.78   | cps   |
| Bismuth    | 209-2 | 1467266 | 1438609 | 1456922 | 1454266 | 1.00   | cps   |
| Boron      | 11-1  | 15175   | 12948   | 13198   | 13774   | 8.86   | cps   |
| Boron      | 10-1  | 3059    | 2784    | 2817    | 2887    | 5.20   | cps   |
| Cadmium    | 106-1 | 1400    | 1592    | 1584    | 1525    | 7.10   | cps   |
| Cadmium    | 108-1 | 13      | 17      | 42      | 24      | 66.81  | cps   |
| Cadmium    | 111-1 | 1117    | 1190    | 1163    | 1157    | 3.18   | cps   |
| Calcium    | 43-1  | 442     | 483     | 400     | 442     | 9.44   | cps   |
| Calcium    | 44-1  | 16127   | 15109   | 13482   | 14906   | 8.95   | cps   |
| Chromium   | 52-2  | 440     | 423     | 413     | 426     | 3.17   | cps   |
| Cobalt     | 59-2  | 73      | 53      | 53      | 60      | 19.25  | cps   |
| Copper     | 63-2  | 367     | 443     | 340     | 383     | 13.99  | cps   |
| Dysprosium | 156-1 | 0       | 25      | 0       | 8       | 173.21 | cps   |
| Dysprosium | 156-2 | 0       | 0       | 7       | 2       | 173.21 | cps   |
| Erbium     | 164-1 | 17      | 17      | 25      | 19      | 24.73  | cps   |
| Erbium     | 164-2 | 0       | 0       | 7       | 2       | 173.21 | cps   |
| Gadolinium | 160-1 | 42      | 50      | 50      | 47      | 10.18  | cps   |
| Gadolinium | 160-2 | 3       | 7       | 7       | 6       | 34.70  | cps   |
| Holmium    | 165-1 | 8546060 | 8458378 | 8556223 | 8520220 | 0.63   | cps   |
| Holmium    | 165-2 | 1754470 | 1726809 | 1733680 | 1738320 | 0.83   | cps   |
| Indium     | 115-1 | 6341488 | 6209339 | 6343370 | 6298065 | 1.22   | cps   |
| Indium     | 115-2 | 252965  | 250847  | 252961  | 252257  | 0.48   | cps   |
| Iron       | 56-2  | 4645    | 4384    | 4117    | 4382    | 6.02   | cps   |
| Iron       | 57-2  | 117     | 117     | 139     | 124     | 10.34  | cps   |
| Krypton    | 83-1  | 367     | 387     | 353     | 369     | 4.55   | cps   |
| Lead       | 207-1 | 767     | 722     | 733     | 741     | 3.12   | cps   |
| Lead       | 208-1 | 3878    | 3450    | 3578    | 3636    | 6.04   | cps   |
| Lead       | 206-1 | 906     | 900     | 872     | 893     | 2.00   | cps   |
| Lithium    | 6-1   | 1099156 | 1072064 | 1090778 | 1087332 | 1.28   | cps   |
| Magnesium  | 24-2  | 492     | 608     | 567     | 556     | 10.64  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB92               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB92               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 13:42:55 | DataFile Name :   | 021CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 53      | 40      | 37      | 43      | 20.34  | cps   |
| Molybdenum | 94-1  | 4017    | 3617    | 2959    | 3531    | 15.14  | cps   |
| Molybdenum | 95-1  | 4976    | 4418    | 3776    | 4390    | 13.68  | cps   |
| Molybdenum | 96-1  | 5676    | 4776    | 4284    | 4912    | 14.37  | cps   |
| Molybdenum | 97-1  | 3592    | 2700    | 2542    | 2945    | 19.23  | cps   |
| Molybdenum | 98-1  | 8203    | 6652    | 6777    | 7211    | 11.95  | cps   |
| Neodymium  | 150-1 | 0       | 7       | 13      | 7       | 99.98  | cps   |
| Neodymium  | 150-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 453     | 413     | 453     | 440     | 5.25   | cps   |
| Phosphorus | 31-2  | 17      | 0       | 0       | 6       | 173.21 | cps   |
| Potassium  | 39-2  | 2517    | 2725    | 2625    | 2623    | 3.97   | cps   |
| Rhodium    | 103-1 | 5858316 | 5679180 | 5919188 | 5818895 | 2.14   | cps   |
| Rhodium    | 103-2 | 1497591 | 1485534 | 1492851 | 1491992 | 0.41   | cps   |
| Scandium   | 45-1  | 3365022 | 3283997 | 3350667 | 3333229 | 1.30   | cps   |
| Scandium   | 45-2  | 22785   | 22515   | 23143   | 22814   | 1.38   | cps   |
| Selenium   | 77-2  | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 4       | 2       | 4       | 3       | 34.64  | cps   |
| Selenium   | 82-1  | 17      | -20     | 20      | 6       | 397.10 | cps   |
| Silicon    | 28-1  | 196755  | 191933  | 191499  | 193396  | 1.51   | cps   |
| Silver     | 109-1 | 667     | 783     | 525     | 658     | 19.65  | cps   |
| Silver     | 107-1 | 925     | 858     | 708     | 831     | 13.36  | cps   |
| Sodium     | 23-2  | 9103    | 8286    | 8194    | 8528    | 5.87   | cps   |
| Strontium  | 86-1  | 692     | 617     | 750     | 686     | 9.74   | cps   |
| Strontium  | 88-1  | 867     | 542     | 567     | 658     | 27.47  | cps   |
| Sulfur     | 34-1  | 304731  | 300559  | 301842  | 302377  | 0.71   | cps   |
| Terbium    | 159-1 | 8741892 | 8549394 | 8739950 | 8677079 | 1.27   | cps   |
| Terbium    | 159-2 | 1683930 | 1645865 | 1661028 | 1663608 | 1.15   | cps   |
| Thallium   | 203-1 | 1792    | 1842    | 1592    | 1742    | 7.60   | cps   |
| Thallium   | 205-1 | 4751    | 4476    | 3876    | 4368    | 10.25  | cps   |
| Tin        | 118-1 | 3051    | 2867    | 3902    | 3273    | 16.88  | cps   |
| Titanium   | 47-1  | 283     | 283     | 267     | 278     | 3.46   | cps   |
| Uranium    | 238-1 | 1083    | 817     | 700     | 867     | 22.67  | cps   |
| Vanadium   | 51-2  | 13      | 13      | 3       | 10      | 57.75  | cps   |
| Yttrium    | 89-1  | 6258126 | 6205270 | 6355136 | 6272844 | 1.21   | cps   |
| Yttrium    | 89-2  | 178118  | 178397  | 178766  | 178427  | 0.18   | cps   |
| Zinc       | 66-2  | 77      | 67      | 67      | 70      | 8.25   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB92               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB92               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 13:42:55 | DataFile Name :   | 021CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 2292 | 2259 | 2159 | 2236    | 3.10   | cps   |
| Zirconium | 91-1 | 483  | 542  | 558  | 528     | 7.46   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 13:46:19 | DataFile Name :   | 022LLCC.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 173     | 163     | 165     | 167     | 3.13   | cps   |
| Antimony   | 121-1 | 24248   | 22929   | 24198   | 23792   | 3.14   | cps   |
| Arsenic    | 75-2  | 109     | 120     | 106     | 112     | 6.90   | cps   |
| Barium     | 135-1 | 21752   | 22077   | 21894   | 21908   | 0.75   | cps   |
| Barium     | 137-1 | 39510   | 39034   | 39443   | 39329   | 0.66   | cps   |
| Beryllium  | 9-1   | 1572    | 1683    | 1589    | 1615    | 3.71   | cps   |
| Bismuth    | 209-1 | 6040315 | 6089471 | 5702170 | 5943985 | 3.55   | cps   |
| Bismuth    | 209-2 | 1443083 | 1445953 | 1448033 | 1445690 | 0.17   | cps   |
| Boron      | 11-1  | 23144   | 23145   | 24238   | 23509   | 2.69   | cps   |
| Boron      | 10-1  | 4584    | 4993    | 4726    | 4768    | 4.35   | cps   |
| Cadmium    | 106-1 | 1775    | 1750    | 1734    | 1753    | 1.20   | cps   |
| Cadmium    | 108-1 | 175     | 225     | 142     | 181     | 23.23  | cps   |
| Cadmium    | 111-1 | 3408    | 3560    | 3302    | 3423    | 3.78   | cps   |
| Calcium    | 43-1  | 10379   | 10379   | 10555   | 10438   | 0.97   | cps   |
| Calcium    | 44-1  | 179144  | 181746  | 181122  | 180671  | 0.75   | cps   |
| Chromium   | 52-2  | 2194    | 2040    | 2097    | 2110    | 3.67   | cps   |
| Cobalt     | 59-2  | 1877    | 1857    | 1944    | 1892    | 2.40   | cps   |
| Copper     | 63-2  | 3594    | 3601    | 3334    | 3509    | 4.33   | cps   |
| Dysprosium | 156-1 | 50      | 8       | 17      | 25      | 88.19  | cps   |
| Dysprosium | 156-2 | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Erbium     | 164-1 | 50      | 58      | 67      | 58      | 14.29  | cps   |
| Erbium     | 164-2 | 10      | 3       | 0       | 4       | 114.60 | cps   |
| Gadolinium | 160-1 | 92      | 58      | 83      | 78      | 22.30  | cps   |
| Gadolinium | 160-2 | 7       | 3       | 0       | 3       | 100.05 | cps   |
| Holmium    | 165-1 | 8459568 | 8500974 | 7924456 | 8295000 | 3.88   | cps   |
| Holmium    | 165-2 | 1740603 | 1728533 | 1701995 | 1723710 | 1.15   | cps   |
| Indium     | 115-1 | 6214800 | 6286752 | 5888560 | 6130037 | 3.46   | cps   |
| Indium     | 115-2 | 255423  | 249778  | 252230  | 252477  | 1.12   | cps   |
| Iron       | 56-2  | 30756   | 31035   | 29810   | 30534   | 2.10   | cps   |
| Iron       | 57-2  | 761     | 717     | 756     | 744     | 3.25   | cps   |
| Krypton    | 83-1  | 360     | 347     | 340     | 349     | 2.92   | cps   |
| Lead       | 207-1 | 7553    | 7897    | 7286    | 7578    | 4.04   | cps   |
| Lead       | 208-1 | 34798   | 35293   | 35026   | 35039   | 0.71   | cps   |
| Lead       | 206-1 | 8503    | 8375    | 8831    | 8570    | 2.74   | cps   |
| Lithium    | 6-1   | 1083294 | 1100340 | 1040672 | 1074769 | 2.86   | cps   |
| Magnesium  | 24-2  | 14683   | 15242   | 14416   | 14781   | 2.85   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 13:46:19 | DataFile Name :   | 022LLCC.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 233     | 303     | 303     | 280     | 14.43  | cps   |
| Molybdenum | 94-1  | 19740   | 19865   | 18680   | 19429   | 3.35   | cps   |
| Molybdenum | 95-1  | 23505   | 23505   | 23338   | 23449   | 0.41   | cps   |
| Molybdenum | 96-1  | 25976   | 25642   | 25041   | 25553   | 1.85   | cps   |
| Molybdenum | 97-1  | 14433   | 14492   | 14233   | 14386   | 0.94   | cps   |
| Molybdenum | 98-1  | 37837   | 37252   | 37018   | 37369   | 1.13   | cps   |
| Neodymium  | 150-1 | 7       | 0       | 0       | 2       | 173.21 | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 957     | 1010    | 897     | 954     | 5.94   | cps   |
| Phosphorus | 31-2  | 0       | 0       | 8       | 3       | 173.21 | cps   |
| Potassium  | 39-2  | 9612    | 9370    | 9529    | 9504    | 1.29   | cps   |
| Rhodium    | 103-1 | 5896101 | 5846592 | 5536033 | 5759575 | 3.39   | cps   |
| Rhodium    | 103-2 | 1490676 | 1496466 | 1496443 | 1494528 | 0.22   | cps   |
| Scandium   | 45-1  | 3345919 | 3317693 | 3131292 | 3264968 | 3.57   | cps   |
| Scandium   | 45-2  | 23146   | 23193   | 22872   | 23070   | 0.75   | cps   |
| Selenium   | 77-2  | 3       | 3       | 0       | 2       | 86.60  | cps   |
| Selenium   | 78-2  | 19      | 13      | 4       | 12      | 63.84  | cps   |
| Selenium   | 82-1  | 713     | 634     | 788     | 712     | 10.88  | cps   |
| Silicon    | 28-1  | 245601  | 246657  | 247883  | 246714  | 0.46   | cps   |
| Silver     | 109-1 | 11305   | 11472   | 11055   | 11277   | 1.86   | cps   |
| Silver     | 107-1 | 11505   | 11180   | 11847   | 11511   | 2.90   | cps   |
| Sodium     | 23-2  | 37902   | 38236   | 37684   | 37940   | 0.73   | cps   |
| Strontium  | 86-1  | 3301    | 3159    | 3317    | 3259    | 2.67   | cps   |
| Strontium  | 88-1  | 23964   | 24114   | 23980   | 24019   | 0.34   | cps   |
| Sulfur     | 34-1  | 303196  | 306593  | 306313  | 305367  | 0.62   | cps   |
| Terbium    | 159-1 | 8670597 | 8749325 | 8163488 | 8527803 | 3.73   | cps   |
| Terbium    | 159-2 | 1677047 | 1667643 | 1662761 | 1669150 | 0.44   | cps   |
| Thallium   | 203-1 | 10897   | 11014   | 9929    | 10613   | 5.61   | cps   |
| Thallium   | 205-1 | 25368   | 24750   | 24692   | 24937   | 1.50   | cps   |
| Tin        | 118-1 | 37404   | 37387   | 37353   | 37381   | 0.07   | cps   |
| Titanium   | 47-1  | 5451    | 5185    | 5351    | 5329    | 2.53   | cps   |
| Uranium    | 238-1 | 32268   | 33062   | 33321   | 32883   | 1.67   | cps   |
| Vanadium   | 51-2  | 2900    | 2960    | 3117    | 2993    | 3.74   | cps   |
| Yttrium    | 89-1  | 6270420 | 6289343 | 5896349 | 6152037 | 3.60   | cps   |
| Yttrium    | 89-2  | 179465  | 179341  | 179434  | 179413  | 0.04   | cps   |
| Zinc       | 66-2  | 427     | 453     | 467     | 449     | 4.54   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 13:46:19 | DataFile Name :   | 022LLCC.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 90-1 | 18004 | 17787 | 17362 | 17718   | 1.84   | cps   |
| Zirconium | 91-1 | 3817  | 3751  | 4126  | 3898    | 5.13   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB113662BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB113662BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 13:49:43 | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 25      | 15      | 8       | 16      | 55.47  | cps   |
| Antimony   | 121-1 | 1659    | 1634    | 1742    | 1678    | 3.38   | cps   |
| Arsenic    | 75-2  | 4       | 2       | 6       | 4       | 50.09  | cps   |
| Barium     | 135-1 | 83      | 17      | 58      | 53      | 63.81  | cps   |
| Barium     | 137-1 | 92      | 25      | 83      | 67      | 54.49  | cps   |
| Beryllium  | 9-1   | 206     | 256     | 278     | 246     | 15.02  | cps   |
| Bismuth    | 209-1 | 6185885 | 5715117 | 6016808 | 5972603 | 3.99   | cps   |
| Bismuth    | 209-2 | 1428607 | 1432903 | 1481832 | 1447781 | 2.04   | cps   |
| Boron      | 11-1  | 6543    | 6051    | 5551    | 6049    | 8.20   | cps   |
| Boron      | 10-1  | 1283    | 1158    | 1008    | 1150    | 11.97  | cps   |
| Cadmium    | 106-1 | 1642    | 1358    | 1375    | 1458    | 10.90  | cps   |
| Cadmium    | 108-1 | 17      | 8       | 8       | 11      | 43.34  | cps   |
| Cadmium    | 111-1 | 1167    | 962     | 986     | 1038    | 10.79  | cps   |
| Calcium    | 43-1  | 283     | 367     | 292     | 314     | 14.62  | cps   |
| Calcium    | 44-1  | 12081   | 11772   | 11914   | 11922   | 1.30   | cps   |
| Chromium   | 52-2  | 370     | 407     | 423     | 400     | 6.82   | cps   |
| Cobalt     | 59-2  | 57      | 83      | 33      | 58      | 43.30  | cps   |
| Copper     | 63-2  | 320     | 333     | 283     | 312     | 8.29   | cps   |
| Dysprosium | 156-1 | 17      | 25      | 17      | 19      | 24.73  | cps   |
| Dysprosium | 156-2 | 3       | 0       | 7       | 3       | 100.05 | cps   |
| Erbium     | 164-1 | 42      | 33      | 33      | 36      | 13.33  | cps   |
| Erbium     | 164-2 | 3       | 3       | 3       | 3       | 0.00   | cps   |
| Gadolinium | 160-1 | 33      | 25      | 50      | 36      | 35.25  | cps   |
| Gadolinium | 160-2 | 10      | 7       | 0       | 6       | 91.64  | cps   |
| Holmium    | 165-1 | 8503312 | 7969142 | 8388281 | 8286912 | 3.39   | cps   |
| Holmium    | 165-2 | 1690369 | 1730976 | 1757056 | 1726134 | 1.95   | cps   |
| Indium     | 115-1 | 6352083 | 6018550 | 6260653 | 6210429 | 2.78   | cps   |
| Indium     | 115-2 | 251583  | 253009  | 257122  | 253905  | 1.13   | cps   |
| Iron       | 56-2  | 2111    | 2239    | 2317    | 2222    | 4.67   | cps   |
| Iron       | 57-2  | 83      | 33      | 100     | 72      | 48.04  | cps   |
| Krypton    | 83-1  | 410     | 390     | 403     | 401     | 2.54   | cps   |
| Lead       | 207-1 | 633     | 467     | 522     | 541     | 15.69  | cps   |
| Lead       | 208-1 | 2506    | 2239    | 2328    | 2358    | 5.76   | cps   |
| Lead       | 206-1 | 594     | 506     | 583     | 561     | 8.63   | cps   |
| Lithium    | 6-1   | 1103882 | 1031842 | 1098896 | 1078207 | 3.73   | cps   |
| Magnesium  | 24-2  | 600     | 458     | 483     | 514     | 14.71  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB113662BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB113662BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 13:49:43 | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 60      | 67      | 47      | 58      | 17.62  | cps   |
| Molybdenum | 94-1  | 825     | 900     | 758     | 828     | 8.56   | cps   |
| Molybdenum | 95-1  | 900     | 767     | 683     | 783     | 13.95  | cps   |
| Molybdenum | 96-1  | 1125    | 1025    | 1075    | 1075    | 4.65   | cps   |
| Molybdenum | 97-1  | 567     | 542     | 592     | 567     | 4.41   | cps   |
| Molybdenum | 98-1  | 1267    | 1475    | 1275    | 1339    | 8.81   | cps   |
| Neodymium  | 150-1 | 13      | 0       | 0       | 4       | 173.21 | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 370     | 423     | 397     | 397     | 6.72   | cps   |
| Phosphorus | 31-2  | 8       | 8       | 0       | 6       | 86.60  | cps   |
| Potassium  | 39-2  | 2534    | 2184    | 2109    | 2275    | 9.97   | cps   |
| Rhodium    | 103-1 | 5918868 | 5563457 | 5831583 | 5771303 | 3.21   | cps   |
| Rhodium    | 103-2 | 1475743 | 1493045 | 1519472 | 1496087 | 1.47   | cps   |
| Scandium   | 45-1  | 3386070 | 3177924 | 3331402 | 3298465 | 3.27   | cps   |
| Scandium   | 45-2  | 22458   | 22608   | 23543   | 22870   | 2.57   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 0       | 2       | 0       | 1       | 173.21 | cps   |
| Selenium   | 82-1  | -20     | -6      | -47     | -24     | -85.21 | cps   |
| Silicon    | 28-1  | 186871  | 186005  | 186517  | 186464  | 0.23   | cps   |
| Silver     | 109-1 | 275     | 333     | 208     | 272     | 22.98  | cps   |
| Silver     | 107-1 | 283     | 450     | 250     | 328     | 32.69  | cps   |
| Sodium     | 23-2  | 7327    | 7069    | 7419    | 7272    | 2.50   | cps   |
| Strontium  | 86-1  | 542     | 692     | 525     | 586     | 15.66  | cps   |
| Strontium  | 88-1  | 225     | 217     | 250     | 231     | 7.52   | cps   |
| Sulfur     | 34-1  | 307911  | 306465  | 312471  | 308949  | 1.01   | cps   |
| Terbium    | 159-1 | 8771420 | 8225216 | 8649542 | 8548726 | 3.35   | cps   |
| Terbium    | 159-2 | 1656300 | 1645467 | 1704757 | 1668842 | 1.89   | cps   |
| Thallium   | 203-1 | 608     | 725     | 733     | 689     | 10.14  | cps   |
| Thallium   | 205-1 | 1800    | 1575    | 1475    | 1617    | 10.30  | cps   |
| Tin        | 118-1 | 1233    | 1208    | 1283    | 1242    | 3.08   | cps   |
| Titanium   | 47-1  | 150     | 125     | 133     | 136     | 9.35   | cps   |
| Uranium    | 238-1 | 92      | 100     | 75      | 89      | 14.33  | cps   |
| Vanadium   | 51-2  | 7       | 7       | 7       | 7       | 0.00   | cps   |
| Yttrium    | 89-1  | 6333886 | 5952914 | 6267149 | 6184650 | 3.29   | cps   |
| Yttrium    | 89-2  | 177483  | 180397  | 183116  | 180332  | 1.56   | cps   |
| Zinc       | 66-2  | 83      | 63      | 73      | 73      | 13.64  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB113662BL          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB113662BL          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 13:49:43 | DataFile Name :   | 023SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 1000 | 1017 | 1058 | 1025    | 2.93   | cps   |
| Zirconium | 91-1 | 183  | 192  | 300  | 225     | 28.93  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB113662BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB113662BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 13:53:06 | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 61314    | 60814    | 61105    | 61078    | 0.41   | cps   |
| Antimony   | 121-1 | 5528357  | 5537821  | 5510485  | 5525554  | 0.25   | cps   |
| Arsenic    | 75-2  | 50516    | 50605    | 50612    | 50578    | 0.11   | cps   |
| Barium     | 135-1 | 5901967  | 5801161  | 5815606  | 5839578  | 0.93   | cps   |
| Barium     | 137-1 | 10168015 | 10174049 | 10189821 | 10177295 | 0.11   | cps   |
| Beryllium  | 9-1   | 651273   | 653402   | 650555   | 651744   | 0.23   | cps   |
| Bismuth    | 209-1 | 6035227  | 5793404  | 6017401  | 5948677  | 2.27   | cps   |
| Bismuth    | 209-2 | 1420329  | 1435805  | 1391951  | 1416028  | 1.57   | cps   |
| Boron      | 11-1  | 352896   | 360690   | 370265   | 361283   | 2.41   | cps   |
| Boron      | 10-1  | 71244    | 73974    | 75248    | 73489    | 2.78   | cps   |
| Cadmium    | 106-1 | 127860   | 127835   | 128507   | 128067   | 0.30   | cps   |
| Cadmium    | 108-1 | 87200    | 86832    | 86890    | 86974    | 0.23   | cps   |
| Cadmium    | 111-1 | 1213184  | 1209970  | 1209431  | 1210862  | 0.17   | cps   |
| Calcium    | 43-1  | 1082724  | 1088426  | 1088926  | 1086692  | 0.32   | cps   |
| Calcium    | 44-1  | 17749872 | 17738260 | 17667530 | 17718554 | 0.25   | cps   |
| Chromium   | 52-2  | 401264   | 401151   | 401179   | 401198   | 0.01   | cps   |
| Cobalt     | 59-2  | 894359   | 897371   | 895551   | 895760   | 0.17   | cps   |
| Copper     | 63-2  | 1579909  | 1593251  | 1611990  | 1595050  | 1.01   | cps   |
| Dysprosium | 156-1 | 67       | 42       | 50       | 53       | 24.12  | cps   |
| Dysprosium | 156-2 | 0        | 7        | 10       | 6        | 91.64  | cps   |
| Erbium     | 164-1 | 75       | 17       | 50       | 47       | 61.97  | cps   |
| Erbium     | 164-2 | 7        | 7        | 3        | 6        | 34.70  | cps   |
| Gadolinium | 160-1 | 50       | 25       | 58       | 44       | 39.04  | cps   |
| Gadolinium | 160-2 | 3        | 0        | 13       | 6        | 124.93 | cps   |
| Holmium    | 165-1 | 8651871  | 8356225  | 8528712  | 8512269  | 1.74   | cps   |
| Holmium    | 165-2 | 1720488  | 1752368  | 1711470  | 1728108  | 1.24   | cps   |
| Indium     | 115-1 | 6153414  | 6038548  | 6145286  | 6112416  | 1.05   | cps   |
| Indium     | 115-2 | 242064   | 245273   | 240652   | 242663   | 0.98   | cps   |
| Iron       | 56-2  | 14032378 | 14029680 | 13966985 | 14009681 | 0.26   | cps   |
| Iron       | 57-2  | 352812   | 356173   | 354672   | 354552   | 0.47   | cps   |
| Krypton    | 83-1  | 377      | 347      | 367      | 363      | 4.20   | cps   |
| Lead       | 207-1 | 3661905  | 3729124  | 3677935  | 3689655  | 0.95   | cps   |
| Lead       | 208-1 | 16397602 | 16517844 | 16442537 | 16452661 | 0.37   | cps   |
| Lead       | 206-1 | 4025089  | 4019952  | 4019541  | 4021528  | 0.08   | cps   |
| Lithium    | 6-1   | 1088338  | 1074085  | 1089538  | 1083987  | 0.79   | cps   |
| Magnesium  | 24-2  | 1446922  | 1449892  | 1456424  | 1451079  | 0.34   | cps   |



LB Number : LB98566 Operator : Jaswal  
 Lab Sample ID : PB113662BS Instrumnet Name : P8  
 Client Sample ID : PB113662BS Dilution Factor : 1  
 Date & Time Acquired :: 2018-10-11 13:53:06 DataFile Name : 024SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 235870   | 233362   | 236297   | 235176   | 0.67   | cps   |
| Molybdenum | 94-1  | 8978193  | 9094084  | 8941423  | 9004567  | 0.88   | cps   |
| Molybdenum | 95-1  | 11032600 | 11085805 | 11062062 | 11060156 | 0.24   | cps   |
| Molybdenum | 96-1  | 12381672 | 12326797 | 12389196 | 12365888 | 0.28   | cps   |
| Molybdenum | 97-1  | 6983878  | 6943414  | 6932223  | 6953172  | 0.39   | cps   |
| Molybdenum | 98-1  | 17930967 | 17873730 | 17911218 | 17905305 | 0.16   | cps   |
| Neodymium  | 150-1 | 273      | 307      | 247      | 276      | 10.91  | cps   |
| Neodymium  | 150-2 | 3        | 10       | 3        | 6        | 69.34  | cps   |
| Nickel     | 60-2  | 263739   | 264747   | 262943   | 263810   | 0.34   | cps   |
| Phosphorus | 31-2  | 4051     | 4067     | 4126     | 4081     | 0.97   | cps   |
| Potassium  | 39-2  | 359201   | 361406   | 361924   | 360844   | 0.40   | cps   |
| Rhodium    | 103-1 | 5699612  | 5494632  | 5694623  | 5629622  | 2.08   | cps   |
| Rhodium    | 103-2 | 1438069  | 1455591  | 1421532  | 1438397  | 1.18   | cps   |
| Scandium   | 45-1  | 3398751  | 3298607  | 3333364  | 3343574  | 1.52   | cps   |
| Scandium   | 45-2  | 22455    | 23937    | 22959    | 23117    | 3.26   | cps   |
| Selenium   | 77-2  | 360      | 410      | 367      | 379      | 7.17   | cps   |
| Selenium   | 78-2  | 1243     | 1283     | 1193     | 1240     | 3.67   | cps   |
| Selenium   | 82-1  | 70860    | 70918    | 70679    | 70819    | 0.18   | cps   |
| Silicon    | 28-1  | 2102494  | 2129009  | 2099501  | 2110335  | 0.77   | cps   |
| Silver     | 109-1 | 5532790  | 5530329  | 5536448  | 5533189  | 0.06   | cps   |
| Silver     | 107-1 | 5825040  | 5764141  | 5809638  | 5799607  | 0.55   | cps   |
| Sodium     | 23-2  | 3189007  | 3179543  | 3191422  | 3186658  | 0.20   | cps   |
| Strontium  | 86-1  | 1372571  | 1376043  | 1370919  | 1373178  | 0.19   | cps   |
| Strontium  | 88-1  | 11915020 | 11920029 | 11856921 | 11897324 | 0.29   | cps   |
| Sulfur     | 34-1  | 603411   | 602621   | 598079   | 601370   | 0.48   | cps   |
| Terbium    | 159-1 | 8842222  | 8590989  | 8721899  | 8718370  | 1.44   | cps   |
| Terbium    | 159-2 | 1699387  | 1685412  | 1647710  | 1677503  | 1.59   | cps   |
| Thallium   | 203-1 | 4979421  | 4991545  | 5002842  | 4991269  | 0.23   | cps   |
| Thallium   | 205-1 | 11653894 | 11809151 | 11686422 | 11716489 | 0.70   | cps   |
| Tin        | 118-1 | 3841597  | 3832706  | 3807174  | 3827159  | 0.47   | cps   |
| Titanium   | 47-1  | 2660189  | 2684046  | 2672164  | 2672133  | 0.45   | cps   |
| Uranium    | 238-1 | 16532003 | 16617244 | 16613259 | 16587502 | 0.29   | cps   |
| Vanadium   | 51-2  | 297670   | 295253   | 296165   | 296363   | 0.41   | cps   |
| Yttrium    | 89-1  | 6376765  | 6197502  | 6287406  | 6287224  | 1.43   | cps   |
| Yttrium    | 89-2  | 178614   | 178759   | 175507   | 177627   | 1.03   | cps   |
| Zinc       | 66-2  | 148171   | 147547   | 148522   | 148080   | 0.33   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | PB113662BS          | Instrumnet Name : | P8        |
| Client Sample ID :      | PB113662BS          | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 13:53:06 | DataFile Name :   | 024SMPL.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 7483532 | 7574812 | 7519794 | 7526046 | 0.61   | cps   |
| Zirconium | 91-1 | 1701280 | 1706042 | 1710777 | 1706033 | 0.28   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5150-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-0926-S-10B     | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 13:56:19 | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 150929   | 150375   | 149159   | 150154   | 0.60   | cps   |
| Antimony   | 121-1 | 17804    | 16244    | 15668    | 16572    | 6.67   | cps   |
| Arsenic    | 75-2  | 2830     | 2813     | 2837     | 2827     | 0.44   | cps   |
| Barium     | 135-1 | 449833   | 449582   | 450674   | 450030   | 0.13   | cps   |
| Barium     | 137-1 | 792548   | 789100   | 791811   | 791153   | 0.23   | cps   |
| Beryllium  | 9-1   | 3584     | 3539     | 3317     | 3480     | 4.11   | cps   |
| Bismuth    | 209-1 | 5717131  | 5776161  | 5807480  | 5766924  | 0.80   | cps   |
| Bismuth    | 209-2 | 1375636  | 1356072  | 1366872  | 1366193  | 0.72   | cps   |
| Boron      | 11-1  | 36347    | 36615    | 35437    | 36133    | 1.71   | cps   |
| Boron      | 10-1  | 6977     | 7677     | 7069     | 7241     | 5.26   | cps   |
| Cadmium    | 106-1 | 3084     | 2859     | 2942     | 2962     | 3.84   | cps   |
| Cadmium    | 108-1 | 563      | 638      | 629      | 610      | 6.74   | cps   |
| Cadmium    | 111-1 | 4786     | 4551     | 4544     | 4627     | 2.97   | cps   |
| Calcium    | 43-1  | 1655384  | 1652975  | 1663164  | 1657174  | 0.32   | cps   |
| Calcium    | 44-1  | 26378712 | 26743351 | 26606835 | 26576299 | 0.69   | cps   |
| Chromium   | 52-2  | 100739   | 101629   | 101239   | 101202   | 0.44   | cps   |
| Cobalt     | 59-2  | 68913    | 67453    | 67141    | 67835    | 1.39   | cps   |
| Copper     | 63-2  | 296969   | 296823   | 298532   | 297441   | 0.32   | cps   |
| Dysprosium | 156-1 | 114424   | 114716   | 115524   | 114888   | 0.50   | cps   |
| Dysprosium | 156-2 | 23434    | 23535    | 23778    | 23583    | 0.75   | cps   |
| Erbium     | 164-1 | 99420    | 99958    | 98581    | 99320    | 0.70   | cps   |
| Erbium     | 164-2 | 18587    | 18623    | 18380    | 18530    | 0.71   | cps   |
| Gadolinium | 160-1 | 109852   | 112113   | 109968   | 110644   | 1.15   | cps   |
| Gadolinium | 160-2 | 28889    | 29417    | 29173    | 29159    | 0.91   | cps   |
| Holmium    | 165-1 | 8253370  | 8268283  | 8359797  | 8293817  | 0.69   | cps   |
| Holmium    | 165-2 | 1699484  | 1671286  | 1677296  | 1682688  | 0.88   | cps   |
| Indium     | 115-1 | 5854459  | 5968815  | 6017440  | 5946905  | 1.41   | cps   |
| Indium     | 115-2 | 240259   | 236686   | 239276   | 238740   | 0.77   | cps   |
| Iron       | 56-2  | 40369912 | 40097469 | 40256294 | 40241225 | 0.34   | cps   |
| Iron       | 57-2  | 1020360  | 1010418  | 1022185  | 1017654  | 0.62   | cps   |
| Krypton    | 83-1  | 420      | 517      | 460      | 466      | 10.43  | cps   |
| Lead       | 207-1 | 2071731  | 2048760  | 2065664  | 2062052  | 0.58   | cps   |
| Lead       | 208-1 | 9509924  | 9544244  | 9551658  | 9535275  | 0.23   | cps   |
| Lead       | 206-1 | 2398458  | 2426392  | 2384692  | 2403180  | 0.88   | cps   |
| Lithium    | 6-1   | 1037733  | 1054365  | 1072081  | 1054726  | 1.63   | cps   |
| Magnesium  | 24-2  | 1262737  | 1280453  | 1261078  | 1268089  | 0.85   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5150-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-0926-S-10B     | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 13:56:19 | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 368350  | 364656  | 367184  | 366730  | 0.51   | cps   |
| Molybdenum | 94-1  | 138787  | 136908  | 137372  | 137689  | 0.71   | cps   |
| Molybdenum | 95-1  | 19231   | 18914   | 17796   | 18647   | 4.04   | cps   |
| Molybdenum | 96-1  | 42860   | 41072   | 40696   | 41543   | 2.78   | cps   |
| Molybdenum | 97-1  | 11530   | 11722   | 11172   | 11475   | 2.43   | cps   |
| Molybdenum | 98-1  | 31078   | 29867   | 29283   | 30076   | 3.05   | cps   |
| Neodymium  | 150-1 | 180062  | 180152  | 180652  | 180289  | 0.18   | cps   |
| Neodymium  | 150-2 | 22510   | 23057   | 22760   | 22776   | 1.20   | cps   |
| Nickel     | 60-2  | 126017  | 125408  | 125674  | 125700  | 0.24   | cps   |
| Phosphorus | 31-2  | 800     | 742     | 708     | 750     | 6.19   | cps   |
| Potassium  | 39-2  | 52641   | 53093   | 52750   | 52828   | 0.45   | cps   |
| Rhodium    | 103-1 | 5433232 | 5426353 | 5579024 | 5479536 | 1.57   | cps   |
| Rhodium    | 103-2 | 1395077 | 1383852 | 1391529 | 1390152 | 0.41   | cps   |
| Scandium   | 45-1  | 3342674 | 3365208 | 3411085 | 3372989 | 1.03   | cps   |
| Scandium   | 45-2  | 23263   | 22472   | 22792   | 22842   | 1.74   | cps   |
| Selenium   | 77-2  | 63      | 113     | 120     | 99      | 31.32  | cps   |
| Selenium   | 78-2  | 57      | 56      | 54      | 56      | 3.34   | cps   |
| Selenium   | 82-1  | 221     | 85      | 192     | 166     | 43.30  | cps   |
| Silicon    | 28-1  | 8955260 | 8737741 | 8675925 | 8789642 | 1.67   | cps   |
| Silver     | 109-1 | 4859    | 5401    | 4834    | 5032    | 6.37   | cps   |
| Silver     | 107-1 | 5376    | 5685    | 5393    | 5485    | 3.16   | cps   |
| Sodium     | 23-2  | 80319   | 79816   | 80201   | 80112   | 0.33   | cps   |
| Strontium  | 86-1  | 424953  | 429396  | 426969  | 427106  | 0.52   | cps   |
| Strontium  | 88-1  | 3746253 | 3778147 | 3759580 | 3761326 | 0.43   | cps   |
| Sulfur     | 34-1  | 365147  | 365408  | 363027  | 364527  | 0.36   | cps   |
| Terbium    | 159-1 | 8372074 | 8455801 | 8631705 | 8486527 | 1.56   | cps   |
| Terbium    | 159-2 | 1655318 | 1623289 | 1626959 | 1635188 | 1.07   | cps   |
| Thallium   | 203-1 | 5401    | 5360    | 4943    | 5235    | 4.84   | cps   |
| Thallium   | 205-1 | 13049   | 11764   | 11939   | 12251   | 5.69   | cps   |
| Tin        | 118-1 | 44584   | 44476   | 44918   | 44659   | 0.52   | cps   |
| Titanium   | 47-1  | 852811  | 859351  | 862873  | 858345  | 0.59   | cps   |
| Uranium    | 238-1 | 128785  | 130066  | 129929  | 129594  | 0.54   | cps   |
| Vanadium   | 51-2  | 71588   | 71877   | 72175   | 71880   | 0.41   | cps   |
| Yttrium    | 89-1  | 7142583 | 7127165 | 7229528 | 7166426 | 0.77   | cps   |
| Yttrium    | 89-2  | 201534  | 199573  | 199687  | 200265  | 0.55   | cps   |
| Zinc       | 66-2  | 75323   | 74609   | 75323   | 75085   | 0.55   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5150-01            | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-0926-S-10B     | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 13:56:19 | DataFile Name :   | 025SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 90-1 | 349854 | 348541 | 343519 | 347305  | 0.96   | cps   |
| Zirconium | 91-1 | 76733  | 76834  | 78662  | 77410   | 1.40   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5150-01DUP         | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-0926-S-10BDUP  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 13:59:38 | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 154502   | 154075   | 155917   | 154831   | 0.62   | cps   |
| Antimony   | 121-1 | 7219     | 7094     | 7386     | 7233     | 2.02   | cps   |
| Arsenic    | 75-2  | 2645     | 2537     | 2434     | 2539     | 4.16   | cps   |
| Barium     | 135-1 | 469231   | 469729   | 471730   | 470230   | 0.28   | cps   |
| Barium     | 137-1 | 821506   | 835575   | 832936   | 830005   | 0.90   | cps   |
| Beryllium  | 9-1   | 2989     | 3106     | 2845     | 2980     | 4.39   | cps   |
| Bismuth    | 209-1 | 5723407  | 5779281  | 5845762  | 5782817  | 1.06   | cps   |
| Bismuth    | 209-2 | 1390467  | 1373237  | 1378912  | 1380872  | 0.64   | cps   |
| Boron      | 11-1  | 38428    | 37985    | 39740    | 38717    | 2.36   | cps   |
| Boron      | 10-1  | 7769     | 7911     | 8303     | 7994     | 3.46   | cps   |
| Cadmium    | 106-1 | 2834     | 3134     | 3184     | 3050     | 6.21   | cps   |
| Cadmium    | 108-1 | 483      | 667      | 558      | 569      | 16.19  | cps   |
| Cadmium    | 111-1 | 4241     | 4377     | 4622     | 4413     | 4.36   | cps   |
| Calcium    | 43-1  | 2337384  | 2348418  | 2344525  | 2343442  | 0.24   | cps   |
| Calcium    | 44-1  | 37924689 | 38187689 | 38237329 | 38116569 | 0.44   | cps   |
| Chromium   | 52-2  | 88511    | 88296    | 88054    | 88287    | 0.26   | cps   |
| Cobalt     | 59-2  | 65775    | 65526    | 66274    | 65858    | 0.58   | cps   |
| Copper     | 63-2  | 302689   | 302402   | 301504   | 302199   | 0.20   | cps   |
| Dysprosium | 156-1 | 104894   | 108489   | 107398   | 106927   | 1.72   | cps   |
| Dysprosium | 156-2 | 22403    | 22015    | 21581    | 22000    | 1.87   | cps   |
| Erbium     | 164-1 | 97313    | 95576    | 94838    | 95909    | 1.32   | cps   |
| Erbium     | 164-2 | 18380    | 17445    | 17989    | 17938    | 2.62   | cps   |
| Gadolinium | 160-1 | 102804   | 101945   | 105256   | 103335   | 1.66   | cps   |
| Gadolinium | 160-2 | 26848    | 26945    | 27459    | 27084    | 1.21   | cps   |
| Holmium    | 165-1 | 8278791  | 8298997  | 8415662  | 8331150  | 0.89   | cps   |
| Holmium    | 165-2 | 1714447  | 1704864  | 1684408  | 1701240  | 0.90   | cps   |
| Indium     | 115-1 | 5949521  | 5955228  | 6098364  | 6001038  | 1.41   | cps   |
| Indium     | 115-2 | 243267   | 240166   | 241535   | 241656   | 0.64   | cps   |
| Iron       | 56-2  | 39088633 | 38952733 | 38930022 | 38990462 | 0.22   | cps   |
| Iron       | 57-2  | 985082   | 984667   | 982979   | 984243   | 0.11   | cps   |
| Krypton    | 83-1  | 447      | 413      | 423      | 428      | 4.00   | cps   |
| Lead       | 207-1 | 2075301  | 2081626  | 2096945  | 2084624  | 0.53   | cps   |
| Lead       | 208-1 | 9607197  | 9581598  | 9623929  | 9604241  | 0.22   | cps   |
| Lead       | 206-1 | 2448926  | 2410742  | 2411954  | 2423874  | 0.90   | cps   |
| Lithium    | 6-1   | 1046549  | 1056713  | 1068504  | 1057255  | 1.04   | cps   |
| Magnesium  | 24-2  | 1314786  | 1315506  | 1312670  | 1314321  | 0.11   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5150-01DUP         | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-0926-S-10BDUP  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 13:59:38 | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 302135  | 303095  | 303445  | 302892  | 0.22   | cps   |
| Molybdenum | 94-1  | 151866  | 155549  | 153431  | 153615  | 1.20   | cps   |
| Molybdenum | 95-1  | 12948   | 13708   | 14091   | 13582   | 4.28   | cps   |
| Molybdenum | 96-1  | 39927   | 40227   | 40219   | 40124   | 0.43   | cps   |
| Molybdenum | 97-1  | 8320    | 8486    | 8453    | 8420    | 1.05   | cps   |
| Molybdenum | 98-1  | 22060   | 21935   | 22536   | 22177   | 1.43   | cps   |
| Neodymium  | 150-1 | 162305  | 163322  | 165374  | 163667  | 0.96   | cps   |
| Neodymium  | 150-2 | 20623   | 20887   | 20656   | 20722   | 0.69   | cps   |
| Nickel     | 60-2  | 110155  | 109801  | 110155  | 110037  | 0.19   | cps   |
| Phosphorus | 31-2  | 842     | 817     | 917     | 858     | 6.06   | cps   |
| Potassium  | 39-2  | 55493   | 57050   | 56297   | 56280   | 1.38   | cps   |
| Rhodium    | 103-1 | 5360739 | 5531301 | 5590376 | 5494139 | 2.17   | cps   |
| Rhodium    | 103-2 | 1411404 | 1403449 | 1412335 | 1409063 | 0.35   | cps   |
| Scandium   | 45-1  | 3386715 | 3384745 | 3456638 | 3409366 | 1.20   | cps   |
| Scandium   | 45-2  | 23126   | 23129   | 23019   | 23091   | 0.27   | cps   |
| Selenium   | 77-2  | 107     | 80      | 93      | 93      | 14.29  | cps   |
| Selenium   | 78-2  | 33      | 50      | 44      | 43      | 19.93  | cps   |
| Selenium   | 82-1  | 188     | 247     | 203     | 213     | 14.52  | cps   |
| Silicon    | 28-1  | 8543736 | 8725734 | 8636871 | 8635447 | 1.05   | cps   |
| Silver     | 109-1 | 4534    | 4626    | 4659    | 4607    | 1.41   | cps   |
| Silver     | 107-1 | 4551    | 4659    | 5260    | 4823    | 7.91   | cps   |
| Sodium     | 23-2  | 87343   | 87234   | 85331   | 86636   | 1.31   | cps   |
| Strontium  | 86-1  | 778850  | 789289  | 794559  | 787566  | 1.02   | cps   |
| Strontium  | 88-1  | 6805825 | 6861835 | 6926582 | 6864747 | 0.88   | cps   |
| Sulfur     | 34-1  | 375668  | 378575  | 376370  | 376871  | 0.40   | cps   |
| Terbium    | 159-1 | 8436880 | 8551379 | 8676839 | 8555033 | 1.40   | cps   |
| Terbium    | 159-2 | 1643604 | 1631299 | 1653371 | 1642758 | 0.67   | cps   |
| Thallium   | 203-1 | 3709    | 3992    | 3842    | 3848    | 3.68   | cps   |
| Thallium   | 205-1 | 9487    | 9454    | 9295    | 9412    | 1.09   | cps   |
| Tin        | 118-1 | 47929   | 50304   | 49108   | 49113   | 2.42   | cps   |
| Titanium   | 47-1  | 1085257 | 1091799 | 1093181 | 1090079 | 0.39   | cps   |
| Uranium    | 238-1 | 114071  | 114633  | 114835  | 114513  | 0.35   | cps   |
| Vanadium   | 51-2  | 69317   | 69106   | 68081   | 68835   | 0.96   | cps   |
| Yttrium    | 89-1  | 7145991 | 7152249 | 7312813 | 7203684 | 1.31   | cps   |
| Yttrium    | 89-2  | 205248  | 205389  | 205880  | 205506  | 0.16   | cps   |
| Zinc       | 66-2  | 75343   | 75883   | 76506   | 75911   | 0.77   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5150-01DUP         | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-0926-S-10BDUP  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 13:59:38 | DataFile Name :   | 026SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 90-1 | 396488 | 400212 | 398521 | 398407  | 0.47   | cps   |
| Zirconium | 91-1 | 88261  | 89049  | 89938  | 89083   | 0.94   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5150-01LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-0926-S-10BL    | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-10-11 14:02:58 | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 32766   | 32871   | 32217   | 32618   | 1.08   | cps   |
| Antimony   | 121-1 | 2317    | 2192    | 2184    | 2231    | 3.35   | cps   |
| Arsenic    | 75-2  | 613     | 613     | 548     | 591     | 6.33   | cps   |
| Barium     | 135-1 | 95560   | 97759   | 97030   | 96783   | 1.16   | cps   |
| Barium     | 137-1 | 170926  | 171911  | 169889  | 170908  | 0.59   | cps   |
| Beryllium  | 9-1   | 839     | 950     | 800     | 863     | 9.02   | cps   |
| Bismuth    | 209-1 | 6012896 | 6004967 | 5983847 | 6000570 | 0.25   | cps   |
| Bismuth    | 209-2 | 1425665 | 1466301 | 1439361 | 1443776 | 1.43   | cps   |
| Boron      | 11-1  | 12081   | 11755   | 11338   | 11725   | 3.17   | cps   |
| Boron      | 10-1  | 2325    | 2575    | 2200    | 2367    | 8.07   | cps   |
| Cadmium    | 106-1 | 1650    | 1750    | 1742    | 1714    | 3.24   | cps   |
| Cadmium    | 108-1 | 121     | 142     | 121     | 128     | 9.41   | cps   |
| Cadmium    | 111-1 | 1708    | 1668    | 1747    | 1708    | 2.33   | cps   |
| Calcium    | 43-1  | 411312  | 409525  | 410014  | 410284  | 0.23   | cps   |
| Calcium    | 44-1  | 6669421 | 6680845 | 6616945 | 6655737 | 0.51   | cps   |
| Chromium   | 52-2  | 20826   | 20923   | 21053   | 20934   | 0.54   | cps   |
| Cobalt     | 59-2  | 14444   | 14661   | 14231   | 14445   | 1.49   | cps   |
| Copper     | 63-2  | 65500   | 65333   | 64934   | 65256   | 0.45   | cps   |
| Dysprosium | 156-1 | 22620   | 24040   | 24090   | 23583   | 3.54   | cps   |
| Dysprosium | 156-2 | 4828    | 4821    | 4918    | 4855    | 1.11   | cps   |
| Erbium     | 164-1 | 20459   | 20626   | 20742   | 20609   | 0.69   | cps   |
| Erbium     | 164-2 | 3907    | 4034    | 3944    | 3962    | 1.65   | cps   |
| Gadolinium | 160-1 | 22629   | 22111   | 22888   | 22543   | 1.75   | cps   |
| Gadolinium | 160-2 | 5961    | 6041    | 6292    | 6098    | 2.82   | cps   |
| Holmium    | 165-1 | 8483778 | 8470044 | 8483583 | 8479135 | 0.09   | cps   |
| Holmium    | 165-2 | 1720217 | 1763234 | 1731116 | 1738189 | 1.29   | cps   |
| Indium     | 115-1 | 6277363 | 6206509 | 6218644 | 6234172 | 0.61   | cps   |
| Indium     | 115-2 | 251527  | 253594  | 249935  | 251685  | 0.73   | cps   |
| Iron       | 56-2  | 8564628 | 8582165 | 8554009 | 8566934 | 0.17   | cps   |
| Iron       | 57-2  | 217420  | 215401  | 214571  | 215797  | 0.68   | cps   |
| Krypton    | 83-1  | 370     | 310     | 390     | 357     | 11.67  | cps   |
| Lead       | 207-1 | 433746  | 430828  | 429761  | 431445  | 0.48   | cps   |
| Lead       | 208-1 | 2013848 | 2009288 | 2002545 | 2008560 | 0.28   | cps   |
| Lead       | 206-1 | 512149  | 511352  | 511666  | 511722  | 0.08   | cps   |
| Lithium    | 6-1   | 1078640 | 1086154 | 1089083 | 1084626 | 0.50   | cps   |
| Magnesium  | 24-2  | 271625  | 273084  | 274586  | 273099  | 0.54   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5150-01LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-0926-S-10BL    | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-10-11 14:02:58 | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 73834   | 74725   | 73981   | 74180   | 0.64   | cps   |
| Molybdenum | 94-1  | 28581   | 31103   | 30059   | 29915   | 4.24   | cps   |
| Molybdenum | 95-1  | 3551    | 3526    | 3309    | 3462    | 3.84   | cps   |
| Molybdenum | 96-1  | 8678    | 8945    | 8103    | 8575    | 5.02   | cps   |
| Molybdenum | 97-1  | 1967    | 2242    | 2167    | 2125    | 6.69   | cps   |
| Molybdenum | 98-1  | 5668    | 5418    | 5710    | 5599    | 2.82   | cps   |
| Neodymium  | 150-1 | 36365   | 36805   | 35562   | 36244   | 1.74   | cps   |
| Neodymium  | 150-2 | 4894    | 4808    | 4614    | 4772    | 3.01   | cps   |
| Nickel     | 60-2  | 26399   | 25634   | 26359   | 26130   | 1.65   | cps   |
| Phosphorus | 31-2  | 200     | 175     | 150     | 175     | 14.28  | cps   |
| Potassium  | 39-2  | 13907   | 12965   | 14099   | 13657   | 4.45   | cps   |
| Rhodium    | 103-1 | 5848007 | 5776061 | 5778561 | 5800876 | 0.70   | cps   |
| Rhodium    | 103-2 | 1469228 | 1528654 | 1468921 | 1488935 | 2.31   | cps   |
| Scandium   | 45-1  | 3421736 | 3371647 | 3379028 | 3390804 | 0.80   | cps   |
| Scandium   | 45-2  | 23123   | 24088   | 22735   | 23315   | 2.99   | cps   |
| Selenium   | 77-2  | 23      | 17      | 23      | 21      | 18.21  | cps   |
| Selenium   | 78-2  | 4       | 6       | 7       | 6       | 33.38  | cps   |
| Selenium   | 82-1  | 82      | 75      | 26      | 61      | 49.94  | cps   |
| Silicon    | 28-1  | 2105572 | 2074387 | 2075489 | 2085149 | 0.85   | cps   |
| Silver     | 109-1 | 1067    | 1233    | 1133    | 1145    | 7.33   | cps   |
| Silver     | 107-1 | 1233    | 1258    | 1125    | 1206    | 5.88   | cps   |
| Sodium     | 23-2  | 22519   | 22494   | 22610   | 22541   | 0.27   | cps   |
| Strontium  | 86-1  | 121872  | 122444  | 122832  | 122383  | 0.39   | cps   |
| Strontium  | 88-1  | 1061794 | 1049828 | 1060169 | 1057263 | 0.61   | cps   |
| Sulfur     | 34-1  | 326279  | 325107  | 326436  | 325941  | 0.22   | cps   |
| Terbium    | 159-1 | 8712407 | 8685849 | 8690483 | 8696246 | 0.16   | cps   |
| Terbium    | 159-2 | 1667127 | 1714822 | 1662038 | 1681329 | 1.73   | cps   |
| Thallium   | 203-1 | 1175    | 1308    | 1317    | 1267    | 6.28   | cps   |
| Thallium   | 205-1 | 2659    | 2900    | 2709    | 2756    | 4.63   | cps   |
| Tin        | 118-1 | 10346   | 10630   | 10555   | 10510   | 1.40   | cps   |
| Titanium   | 47-1  | 206722  | 204809  | 203440  | 204990  | 0.80   | cps   |
| Uranium    | 238-1 | 26922   | 26103   | 25845   | 26290   | 2.14   | cps   |
| Vanadium   | 51-2  | 15205   | 14858   | 15042   | 15035   | 1.15   | cps   |
| Yttrium    | 89-1  | 6606937 | 6497925 | 6524528 | 6543130 | 0.87   | cps   |
| Yttrium    | 89-2  | 184380  | 187610  | 184906  | 185632  | 0.93   | cps   |
| Zinc       | 66-2  | 16917   | 16967   | 16367   | 16750   | 1.99   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5150-01LX5         | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-0926-S-10BL    | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-10-11 14:02:58 | DataFile Name :   | 027SMPL.d |

| Parameter | Mass | CPS1  | CPS2  | CPS3  | CPSMean | CPSRSD | Units |
|-----------|------|-------|-------|-------|---------|--------|-------|
| Zirconium | 90-1 | 78719 | 78761 | 78032 | 78504   | 0.52   | cps   |
| Zirconium | 91-1 | 17195 | 16511 | 16995 | 16900   | 2.08   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5150-01MS          | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-0926-S-10BMS   | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 14:06:20 | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 194360   | 193434   | 192708   | 193501   | 0.43   | cps   |
| Antimony   | 121-1 | 4337134  | 4350829  | 4373561  | 4353841  | 0.42   | cps   |
| Arsenic    | 75-2  | 48113    | 48758    | 47961    | 48277    | 0.88   | cps   |
| Barium     | 135-1 | 5769993  | 5733314  | 5796911  | 5766740  | 0.55   | cps   |
| Barium     | 137-1 | 10047679 | 10071638 | 10262874 | 10127397 | 1.16   | cps   |
| Beryllium  | 9-1   | 611117   | 615351   | 611776   | 612748   | 0.37   | cps   |
| Bismuth    | 209-1 | 5614104  | 5606431  | 5582377  | 5600970  | 0.30   | cps   |
| Bismuth    | 209-2 | 1349495  | 1310918  | 1331411  | 1330608  | 1.45   | cps   |
| Boron      | 11-1  | 354037   | 362919   | 373451   | 363469   | 2.67   | cps   |
| Boron      | 10-1  | 73438    | 74344    | 76713    | 74832    | 2.26   | cps   |
| Cadmium    | 106-1 | 116835   | 119434   | 118947   | 118405   | 1.17   | cps   |
| Cadmium    | 108-1 | 79977    | 79398    | 79290    | 79555    | 0.46   | cps   |
| Cadmium    | 111-1 | 1108692  | 1109602  | 1115724  | 1111339  | 0.34   | cps   |
| Calcium    | 43-1  | 1971267  | 1995811  | 1977770  | 1981616  | 0.64   | cps   |
| Calcium    | 44-1  | 31724874 | 31956488 | 31884555 | 31855306 | 0.37   | cps   |
| Chromium   | 52-2  | 445108   | 445058   | 441313   | 443826   | 0.49   | cps   |
| Cobalt     | 59-2  | 885328   | 884589   | 875789   | 881902   | 0.60   | cps   |
| Copper     | 63-2  | 1723064  | 1725244  | 1717321  | 1721876  | 0.24   | cps   |
| Dysprosium | 156-1 | 101568   | 103364   | 102256   | 102396   | 0.89   | cps   |
| Dysprosium | 156-2 | 21244    | 21424    | 21384    | 21351    | 0.44   | cps   |
| Erbium     | 164-1 | 96255    | 96188    | 96952    | 96465    | 0.44   | cps   |
| Erbium     | 164-2 | 18490    | 17662    | 17822    | 17992    | 2.44   | cps   |
| Gadolinium | 160-1 | 100789   | 101082   | 101401   | 101090   | 0.30   | cps   |
| Gadolinium | 160-2 | 26911    | 26631    | 26444    | 26662    | 0.88   | cps   |
| Holmium    | 165-1 | 8098101  | 8102668  | 8193576  | 8131449  | 0.66   | cps   |
| Holmium    | 165-2 | 1700222  | 1648363  | 1645495  | 1664693  | 1.85   | cps   |
| Indium     | 115-1 | 5745975  | 5686424  | 5706303  | 5712901  | 0.53   | cps   |
| Indium     | 115-2 | 229930   | 223346   | 225713   | 226330   | 1.47   | cps   |
| Iron       | 56-2  | 52594615 | 52293185 | 52228943 | 52372247 | 0.37   | cps   |
| Iron       | 57-2  | 1324149  | 1331987  | 1316821  | 1324319  | 0.57   | cps   |
| Krypton    | 83-1  | 407      | 453      | 427      | 429      | 5.46   | cps   |
| Lead       | 207-1 | 5314601  | 5317482  | 5286460  | 5306181  | 0.32   | cps   |
| Lead       | 208-1 | 24258475 | 24310503 | 24295478 | 24288152 | 0.11   | cps   |
| Lead       | 206-1 | 6057640  | 6060779  | 6072012  | 6063477  | 0.12   | cps   |
| Lithium    | 6-1   | 1037804  | 1033533  | 1018954  | 1030097  | 0.96   | cps   |
| Magnesium  | 24-2  | 2187144  | 2157528  | 2166561  | 2170411  | 0.70   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5150-01MS          | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-0926-S-10BMS   | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 14:06:20 | DataFile Name :   | 028SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 516783   | 510369   | 505955   | 511036   | 1.07   | cps   |
| Molybdenum | 94-1  | 8435986  | 8424227  | 8416713  | 8425642  | 0.12   | cps   |
| Molybdenum | 95-1  | 10171951 | 10202482 | 10163033 | 10179155 | 0.20   | cps   |
| Molybdenum | 96-1  | 11397048 | 11379279 | 11410252 | 11395526 | 0.14   | cps   |
| Molybdenum | 97-1  | 6344129  | 6436960  | 6384751  | 6388613  | 0.73   | cps   |
| Molybdenum | 98-1  | 16570853 | 16557057 | 16457039 | 16528316 | 0.38   | cps   |
| Neodymium  | 150-1 | 153103   | 154890   | 154330   | 154108   | 0.59   | cps   |
| Neodymium  | 150-2 | 19531    | 19932    | 19111    | 19525    | 2.10   | cps   |
| Nickel     | 60-2  | 346572   | 345519   | 346151   | 346081   | 0.15   | cps   |
| Phosphorus | 31-2  | 775      | 717      | 683      | 725      | 6.40   | cps   |
| Potassium  | 39-2  | 374779   | 372451   | 365111   | 370780   | 1.36   | cps   |
| Rhodium    | 103-1 | 5265469  | 5296148  | 5222891  | 5261503  | 0.70   | cps   |
| Rhodium    | 103-2 | 1356622  | 1333298  | 1342625  | 1344182  | 0.87   | cps   |
| Scandium   | 45-1  | 3284456  | 3270330  | 3235412  | 3263399  | 0.77   | cps   |
| Scandium   | 45-2  | 22926    | 22248    | 22458    | 22544    | 1.54   | cps   |
| Selenium   | 77-2  | 450      | 360      | 427      | 412      | 11.33  | cps   |
| Selenium   | 78-2  | 1102     | 1148     | 1096     | 1115     | 2.55   | cps   |
| Selenium   | 82-1  | 63748    | 64051    | 63929    | 63909    | 0.24   | cps   |
| Silicon    | 28-1  | 11842721 | 12021200 | 12150901 | 12004941 | 1.29   | cps   |
| Silver     | 109-1 | 4929444  | 4932520  | 4916116  | 4926027  | 0.18   | cps   |
| Silver     | 107-1 | 5126862  | 5148949  | 5156661  | 5144157  | 0.30   | cps   |
| Sodium     | 23-2  | 3006007  | 2987154  | 2993677  | 2995613  | 0.32   | cps   |
| Strontium  | 86-1  | 1583407  | 1585052  | 1584566  | 1584341  | 0.05   | cps   |
| Strontium  | 88-1  | 13366616 | 13492322 | 13621828 | 13493589 | 0.95   | cps   |
| Sulfur     | 34-1  | 384229   | 385781   | 384201   | 384737   | 0.23   | cps   |
| Terbium    | 159-1 | 8342771  | 8290450  | 8353079  | 8328767  | 0.40   | cps   |
| Terbium    | 159-2 | 1615880  | 1576052  | 1585976  | 1592636  | 1.30   | cps   |
| Thallium   | 203-1 | 4590520  | 4637774  | 4687828  | 4638707  | 1.05   | cps   |
| Thallium   | 205-1 | 10785128 | 10869911 | 11035625 | 10896888 | 1.17   | cps   |
| Tin        | 118-1 | 3576367  | 3581465  | 3610725  | 3589519  | 0.52   | cps   |
| Titanium   | 47-1  | 3261027  | 3225086  | 3228166  | 3238093  | 0.62   | cps   |
| Uranium    | 238-1 | 16009403 | 16088278 | 16183382 | 16093688 | 0.54   | cps   |
| Vanadium   | 51-2  | 329889   | 329333   | 327946   | 329056   | 0.30   | cps   |
| Yttrium    | 89-1  | 6908635  | 6959476  | 6915468  | 6927860  | 0.40   | cps   |
| Yttrium    | 89-2  | 196372   | 194964   | 196204   | 195847   | 0.39   | cps   |
| Zinc       | 66-2  | 201673   | 202832   | 201198   | 201901   | 0.42   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5150-01MS          | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-0926-S-10BMS   | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 14:06:20 | DataFile Name :   | 028SMPL.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 7207640 | 7275375 | 7261969 | 7248328 | 0.49   | cps   |
| Zirconium | 91-1 | 1630092 | 1648623 | 1654338 | 1644351 | 0.77   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5150-01MSD         | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-0926-S-10BMSD  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 14:09:32 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 191535   | 189663   | 190819   | 190672   | 0.50   | cps   |
| Antimony   | 121-1 | 4328588  | 4243032  | 4319700  | 4297107  | 1.09   | cps   |
| Arsenic    | 75-2  | 47359    | 47550    | 48245    | 47718    | 0.98   | cps   |
| Barium     | 135-1 | 5741220  | 5724508  | 5723427  | 5729718  | 0.17   | cps   |
| Barium     | 137-1 | 10062676 | 10040595 | 10022013 | 10041761 | 0.20   | cps   |
| Beryllium  | 9-1   | 604737   | 600979   | 599576   | 601764   | 0.44   | cps   |
| Bismuth    | 209-1 | 5723232  | 5691948  | 5702776  | 5705985  | 0.28   | cps   |
| Bismuth    | 209-2 | 1329027  | 1307002  | 1320086  | 1318705  | 0.84   | cps   |
| Boron      | 11-1  | 361744   | 371158   | 374398   | 369100   | 1.78   | cps   |
| Boron      | 10-1  | 73672    | 74183    | 75349    | 74402    | 1.15   | cps   |
| Cadmium    | 106-1 | 116677   | 120349   | 119426   | 118817   | 1.61   | cps   |
| Cadmium    | 108-1 | 79265    | 79755    | 79063    | 79361    | 0.45   | cps   |
| Cadmium    | 111-1 | 1105342  | 1111632  | 1102997  | 1106657  | 0.40   | cps   |
| Calcium    | 43-1  | 1904513  | 1896709  | 1917293  | 1906172  | 0.55   | cps   |
| Calcium    | 44-1  | 30811976 | 30627858 | 30781169 | 30740334 | 0.32   | cps   |
| Chromium   | 52-2  | 438276   | 437774   | 436302   | 437451   | 0.23   | cps   |
| Cobalt     | 59-2  | 870155   | 872621   | 877779   | 873518   | 0.45   | cps   |
| Copper     | 63-2  | 1677069  | 1715756  | 1725986  | 1706270  | 1.51   | cps   |
| Dysprosium | 156-1 | 104307   | 103189   | 102894   | 103463   | 0.72   | cps   |
| Dysprosium | 156-2 | 21558    | 21007    | 21885    | 21483    | 2.07   | cps   |
| Erbium     | 164-1 | 96423    | 99193    | 96984    | 97534    | 1.50   | cps   |
| Erbium     | 164-2 | 18453    | 18360    | 18183    | 18332    | 0.75   | cps   |
| Gadolinium | 160-1 | 102097   | 101291   | 101610   | 101666   | 0.40   | cps   |
| Gadolinium | 160-2 | 26300    | 25892    | 26303    | 26165    | 0.90   | cps   |
| Holmium    | 165-1 | 8167862  | 8211876  | 8239138  | 8206292  | 0.44   | cps   |
| Holmium    | 165-2 | 1653835  | 1611119  | 1633702  | 1632885  | 1.31   | cps   |
| Indium     | 115-1 | 5736978  | 5737153  | 5744096  | 5739409  | 0.07   | cps   |
| Indium     | 115-2 | 223184   | 223717   | 224445   | 223782   | 0.28   | cps   |
| Iron       | 56-2  | 52432115 | 52261891 | 52300103 | 52331370 | 0.17   | cps   |
| Iron       | 57-2  | 1328497  | 1329609  | 1328577  | 1328895  | 0.05   | cps   |
| Krypton    | 83-1  | 463      | 387      | 467      | 439      | 10.31  | cps   |
| Lead       | 207-1 | 5318507  | 5323232  | 5377660  | 5339800  | 0.62   | cps   |
| Lead       | 208-1 | 24408230 | 24373683 | 24418868 | 24400260 | 0.10   | cps   |
| Lead       | 206-1 | 6133349  | 6090061  | 6048850  | 6090753  | 0.69   | cps   |
| Lithium    | 6-1   | 1037303  | 1018097  | 1036035  | 1030478  | 1.04   | cps   |
| Magnesium  | 24-2  | 2118323  | 2090018  | 2116355  | 2108232  | 0.75   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5150-01MSD         | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-0926-S-10BMSD  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 14:09:32 | DataFile Name :   | 029SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 507062   | 505252   | 508688   | 507001   | 0.34   | cps   |
| Molybdenum | 94-1  | 8307097  | 8371346  | 8400563  | 8359669  | 0.57   | cps   |
| Molybdenum | 95-1  | 10068691 | 10181389 | 10174197 | 10141426 | 0.62   | cps   |
| Molybdenum | 96-1  | 11267133 | 11237777 | 11374151 | 11293020 | 0.64   | cps   |
| Molybdenum | 97-1  | 6412014  | 6403409  | 6387811  | 6401078  | 0.19   | cps   |
| Molybdenum | 98-1  | 16349936 | 16345531 | 16343461 | 16346309 | 0.02   | cps   |
| Neodymium  | 150-1 | 150351   | 154910   | 154383   | 153215   | 1.63   | cps   |
| Neodymium  | 150-2 | 19378    | 19468    | 18920    | 19255    | 1.52   | cps   |
| Nickel     | 60-2  | 341475   | 342052   | 342545   | 342024   | 0.16   | cps   |
| Phosphorus | 31-2  | 750      | 667      | 767      | 728      | 7.36   | cps   |
| Potassium  | 39-2  | 366393   | 363016   | 366410   | 365273   | 0.54   | cps   |
| Rhodium    | 103-1 | 5300259  | 5211735  | 5256689  | 5256228  | 0.84   | cps   |
| Rhodium    | 103-2 | 1330369  | 1317894  | 1320184  | 1322816  | 0.50   | cps   |
| Scandium   | 45-1  | 3240380  | 3252332  | 3284779  | 3259164  | 0.70   | cps   |
| Scandium   | 45-2  | 22578    | 21677    | 21690    | 21982    | 2.35   | cps   |
| Selenium   | 77-2  | 383      | 467      | 387      | 412      | 11.45  | cps   |
| Selenium   | 78-2  | 1107     | 1057     | 1228     | 1131     | 7.74   | cps   |
| Selenium   | 82-1  | 63121    | 63248    | 62644    | 63004    | 0.51   | cps   |
| Silicon    | 28-1  | 12034756 | 11799025 | 11824680 | 11886154 | 1.09   | cps   |
| Silver     | 109-1 | 4889197  | 4926202  | 4894482  | 4903294  | 0.41   | cps   |
| Silver     | 107-1 | 5124882  | 5144124  | 5116043  | 5128350  | 0.28   | cps   |
| Sodium     | 23-2  | 2958883  | 2976833  | 2961252  | 2965656  | 0.33   | cps   |
| Strontium  | 86-1  | 1550807  | 1556476  | 1548591  | 1551958  | 0.26   | cps   |
| Strontium  | 88-1  | 13450760 | 13397560 | 13388442 | 13412254 | 0.25   | cps   |
| Sulfur     | 34-1  | 382122   | 371996   | 373370   | 375829   | 1.46   | cps   |
| Terbium    | 159-1 | 8491228  | 8398224  | 8416233  | 8435228  | 0.58   | cps   |
| Terbium    | 159-2 | 1560760  | 1557164  | 1556630  | 1558185  | 0.14   | cps   |
| Thallium   | 203-1 | 4659001  | 4663559  | 4682628  | 4668396  | 0.27   | cps   |
| Thallium   | 205-1 | 10974238 | 10999954 | 10939012 | 10971068 | 0.28   | cps   |
| Tin        | 118-1 | 3540352  | 3558573  | 3591521  | 3563482  | 0.73   | cps   |
| Titanium   | 47-1  | 3135339  | 3161700  | 3212933  | 3169991  | 1.24   | cps   |
| Uranium    | 238-1 | 15911212 | 16133727 | 16200450 | 16081797 | 0.94   | cps   |
| Vanadium   | 51-2  | 326236   | 326140   | 326294   | 326223   | 0.02   | cps   |
| Yttrium    | 89-1  | 6954920  | 6949936  | 7008477  | 6971111  | 0.47   | cps   |
| Yttrium    | 89-2  | 194751   | 193686   | 193098   | 193845   | 0.43   | cps   |
| Zinc       | 66-2  | 200269   | 199836   | 200000   | 200035   | 0.11   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5150-01MSD         | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-0926-S-10BMSD  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 14:09:32 | DataFile Name :   | 029SMPL.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 7119831 | 7161084 | 7226444 | 7169120 | 0.75   | cps   |
| Zirconium | 91-1 | 1643016 | 1602991 | 1618350 | 1621452 | 1.25   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5223-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-1001-S-DH-01   | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 14:16:13 | DataFile Name :   | 031SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 403467    | 400974    | 398765    | 401069    | 0.59   | cps   |
| Antimony   | 121-1 | 14917     | 13758     | 13115     | 13930     | 6.56   | cps   |
| Arsenic    | 75-2  | 3087      | 3162      | 3086      | 3111      | 1.39   | cps   |
| Barium     | 135-1 | 1453991   | 1468057   | 1477928   | 1466659   | 0.82   | cps   |
| Barium     | 137-1 | 2600519   | 2622813   | 2627215   | 2616849   | 0.55   | cps   |
| Beryllium  | 9-1   | 5979      | 5879      | 6157      | 6005      | 2.34   | cps   |
| Bismuth    | 209-1 | 5547797   | 5661886   | 5591365   | 5600350   | 1.03   | cps   |
| Bismuth    | 209-2 | 1267528   | 1365280   | 1366160   | 1332989   | 4.25   | cps   |
| Boron      | 11-1  | 25507     | 26192     | 24998     | 25565     | 2.34   | cps   |
| Boron      | 10-1  | 5343      | 5451      | 4818      | 5204      | 6.51   | cps   |
| Cadmium    | 106-1 | 3334      | 3150      | 3401      | 3295      | 3.93   | cps   |
| Cadmium    | 108-1 | 525       | 613       | 575       | 571       | 7.69   | cps   |
| Cadmium    | 111-1 | 3904      | 3681      | 3874      | 3820      | 3.17   | cps   |
| Calcium    | 43-1  | 209108    | 207332    | 210685    | 209042    | 0.80   | cps   |
| Calcium    | 44-1  | 3392702   | 3392898   | 3457822   | 3414474   | 1.10   | cps   |
| Chromium   | 52-2  | 329872    | 327561    | 328207    | 328547    | 0.36   | cps   |
| Cobalt     | 59-2  | 425336    | 420916    | 419955    | 422069    | 0.68   | cps   |
| Copper     | 63-2  | 268957    | 267995    | 270466    | 269139    | 0.46   | cps   |
| Dysprosium | 156-1 | 254418    | 251935    | 252844    | 253066    | 0.50   | cps   |
| Dysprosium | 156-2 | 52100     | 51545     | 51829     | 51825     | 0.54   | cps   |
| Erbium     | 164-1 | 204966    | 202072    | 208301    | 205113    | 1.52   | cps   |
| Erbium     | 164-2 | 40319     | 39179     | 39466     | 39655     | 1.50   | cps   |
| Gadolinium | 160-1 | 235780    | 238215    | 241522    | 238506    | 1.21   | cps   |
| Gadolinium | 160-2 | 63520     | 62797     | 63152     | 63156     | 0.57   | cps   |
| Holmium    | 165-1 | 8274884   | 8238716   | 8243684   | 8252428   | 0.24   | cps   |
| Holmium    | 165-2 | 1594509   | 1689374   | 1718315   | 1667399   | 3.88   | cps   |
| Indium     | 115-1 | 5941415   | 5946452   | 5979116   | 5955661   | 0.34   | cps   |
| Indium     | 115-2 | 228407    | 247262    | 247227    | 240966    | 4.51   | cps   |
| Iron       | 56-2  | 103435136 | 102697536 | 102255502 | 102796058 | 0.58   | cps   |
| Iron       | 57-2  | 2652219   | 2659765   | 2647811   | 2653265   | 0.23   | cps   |
| Krypton    | 83-1  | 533       | 533       | 560       | 542       | 2.84   | cps   |
| Lead       | 207-1 | 740458    | 741870    | 737434    | 739921    | 0.31   | cps   |
| Lead       | 208-1 | 3526558   | 3553932   | 3528159   | 3536216   | 0.43   | cps   |
| Lead       | 206-1 | 882345    | 893122    | 895875    | 890447    | 0.80   | cps   |
| Lithium    | 6-1   | 1073522   | 1076193   | 1083305   | 1077673   | 0.47   | cps   |
| Magnesium  | 24-2  | 2878387   | 2885091   | 2910888   | 2891456   | 0.59   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5223-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-1001-S-DH-01   | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 14:16:13 | DataFile Name :   | 031SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 1047903  | 1039384  | 1038326  | 1041871  | 0.50   | cps   |
| Molybdenum | 94-1  | 185188   | 188202   | 189024   | 187471   | 1.08   | cps   |
| Molybdenum | 95-1  | 9487     | 9204     | 8795     | 9162     | 3.80   | cps   |
| Molybdenum | 96-1  | 41523    | 42025    | 42367    | 41972    | 1.01   | cps   |
| Molybdenum | 97-1  | 5743     | 5943     | 5718     | 5802     | 2.13   | cps   |
| Molybdenum | 98-1  | 15326    | 14809    | 14333    | 14823    | 3.35   | cps   |
| Neodymium  | 150-1 | 384065   | 394131   | 391804   | 390000   | 1.35   | cps   |
| Neodymium  | 150-2 | 51758    | 51099    | 50480    | 51113    | 1.25   | cps   |
| Nickel     | 60-2  | 1443734  | 1438733  | 1426448  | 1436305  | 0.62   | cps   |
| Phosphorus | 31-2  | 1208     | 950      | 1058     | 1072     | 12.10  | cps   |
| Potassium  | 39-2  | 131265   | 131064   | 129532   | 130620   | 0.73   | cps   |
| Rhodium    | 103-1 | 5465337  | 5513266  | 5475191  | 5484598  | 0.46   | cps   |
| Rhodium    | 103-2 | 1317973  | 1431424  | 1433359  | 1394252  | 4.74   | cps   |
| Scandium   | 45-1  | 3709811  | 3759560  | 3744135  | 3737835  | 0.68   | cps   |
| Scandium   | 45-2  | 24729    | 26208    | 26756    | 25897    | 4.05   | cps   |
| Selenium   | 77-2  | 247      | 247      | 220      | 238      | 6.47   | cps   |
| Selenium   | 78-2  | 111      | 93       | 119      | 107      | 12.43  | cps   |
| Selenium   | 82-1  | 384      | 380      | 347      | 371      | 5.43   | cps   |
| Silicon    | 28-1  | 16573757 | 16540184 | 16666679 | 16593540 | 0.39   | cps   |
| Silver     | 109-1 | 2767     | 2359     | 2567     | 2564     | 7.96   | cps   |
| Silver     | 107-1 | 3267     | 2942     | 2909     | 3039     | 6.52   | cps   |
| Sodium     | 23-2  | 49989    | 50516    | 51912    | 50806    | 1.96   | cps   |
| Strontium  | 86-1  | 150001   | 148752   | 150765   | 149839   | 0.68   | cps   |
| Strontium  | 88-1  | 1283933  | 1294247  | 1294281  | 1290820  | 0.46   | cps   |
| Sulfur     | 34-1  | 292946   | 297536   | 298829   | 296437   | 1.04   | cps   |
| Terbium    | 159-1 | 8514439  | 8461292  | 8463716  | 8479816  | 0.35   | cps   |
| Terbium    | 159-2 | 1522501  | 1668405  | 1669565  | 1620157  | 5.22   | cps   |
| Thallium   | 203-1 | 15385    | 14968    | 13917    | 14756    | 5.13   | cps   |
| Thallium   | 205-1 | 38066    | 36244    | 34649    | 36320    | 4.71   | cps   |
| Tin        | 118-1 | 14116    | 14091    | 14684    | 14297    | 2.34   | cps   |
| Titanium   | 47-1  | 1450188  | 1464102  | 1484251  | 1466180  | 1.17   | cps   |
| Uranium    | 238-1 | 253551   | 256857   | 255914   | 255441   | 0.67   | cps   |
| Vanadium   | 51-2  | 110007   | 110061   | 108708   | 109592   | 0.70   | cps   |
| Yttrium    | 89-1  | 8454834  | 8580492  | 8578876  | 8538067  | 0.84   | cps   |
| Yttrium    | 89-2  | 238772   | 254304   | 253876   | 248984   | 3.55   | cps   |
| Zinc       | 66-2  | 59872    | 59189    | 59192    | 59418    | 0.66   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5223-03            | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-1001-S-DH-01   | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 14:16:13 | DataFile Name :   | 031SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 90-1 | 492994 | 502845 | 502074 | 499304  | 1.10   | cps   |
| Zirconium | 91-1 | 110436 | 111454 | 110697 | 110863  | 0.48   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5150-01A           | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-0926-S-10BA    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 14:58:44 | DataFile Name :   | 032SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 200505   | 197802   | 197908   | 198738   | 0.77   | cps   |
| Antimony   | 121-1 | 5202360  | 5228404  | 5259105  | 5229956  | 0.54   | cps   |
| Arsenic    | 75-2  | 49423    | 49382    | 49410    | 49405    | 0.04   | cps   |
| Barium     | 135-1 | 5890309  | 5954415  | 5913846  | 5919523  | 0.55   | cps   |
| Barium     | 137-1 | 10381205 | 10435773 | 10407349 | 10408109 | 0.26   | cps   |
| Beryllium  | 9-1   | 642704   | 638285   | 636741   | 639243   | 0.48   | cps   |
| Bismuth    | 209-1 | 5567765  | 5431403  | 5117186  | 5372118  | 4.30   | cps   |
| Bismuth    | 209-2 | 1339016  | 1322581  | 1320915  | 1327504  | 0.75   | cps   |
| Boron      | 11-1  | 369898   | 375596   | 385439   | 376978   | 2.09   | cps   |
| Boron      | 10-1  | 75817    | 78004    | 78658    | 77493    | 1.92   | cps   |
| Cadmium    | 106-1 | 123790   | 122232   | 121636   | 122553   | 0.91   | cps   |
| Cadmium    | 108-1 | 82098    | 81926    | 81532    | 81852    | 0.35   | cps   |
| Cadmium    | 111-1 | 1133337  | 1145643  | 1149498  | 1142826  | 0.74   | cps   |
| Calcium    | 43-1  | 2851198  | 2857583  | 2814980  | 2841254  | 0.81   | cps   |
| Calcium    | 44-1  | 45861281 | 45569927 | 45729709 | 45720306 | 0.32   | cps   |
| Chromium   | 52-2  | 465752   | 461693   | 463129   | 463525   | 0.44   | cps   |
| Cobalt     | 59-2  | 907867   | 898687   | 899343   | 901966   | 0.57   | cps   |
| Copper     | 63-2  | 1757726  | 1735751  | 1749058  | 1747512  | 0.63   | cps   |
| Dysprosium | 156-1 | 104071   | 106649   | 104308   | 105009   | 1.36   | cps   |
| Dysprosium | 156-2 | 21491    | 21351    | 21514    | 21452    | 0.41   | cps   |
| Erbium     | 164-1 | 90019    | 90883    | 91673    | 90858    | 0.91   | cps   |
| Erbium     | 164-2 | 16891    | 17859    | 16878    | 17209    | 3.27   | cps   |
| Gadolinium | 160-1 | 100494   | 100452   | 99823    | 100257   | 0.37   | cps   |
| Gadolinium | 160-2 | 26163    | 25792    | 25769    | 25908    | 0.85   | cps   |
| Holmium    | 165-1 | 8157484  | 7984672  | 7527968  | 7890041  | 4.12   | cps   |
| Holmium    | 165-2 | 1669582  | 1668253  | 1667708  | 1668514  | 0.06   | cps   |
| Indium     | 115-1 | 5776699  | 5625535  | 5308656  | 5570297  | 4.29   | cps   |
| Indium     | 115-2 | 231203   | 223386   | 226149   | 226913   | 1.75   | cps   |
| Iron       | 56-2  | 49433055 | 49197400 | 48801290 | 49143915 | 0.65   | cps   |
| Iron       | 57-2  | 1249187  | 1239098  | 1237427  | 1241904  | 0.51   | cps   |
| Krypton    | 83-1  | 397      | 413      | 453      | 421      | 6.92   | cps   |
| Lead       | 207-1 | 5229094  | 5252395  | 5283855  | 5255115  | 0.52   | cps   |
| Lead       | 208-1 | 23985604 | 24074526 | 24359177 | 24139769 | 0.81   | cps   |
| Lead       | 206-1 | 5979842  | 6013678  | 6042594  | 6012038  | 0.52   | cps   |
| Lithium    | 6-1   | 1058183  | 1032265  | 951039   | 1013829  | 5.51   | cps   |
| Magnesium  | 24-2  | 2595674  | 2528735  | 2497497  | 2540635  | 1.97   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5150-01A           | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-0926-S-10BA    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 14:58:44 | DataFile Name :   | 032SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 541300   | 541164   | 534335   | 538933   | 0.74   | cps   |
| Molybdenum | 94-1  | 8716511  | 8713896  | 8744928  | 8725112  | 0.20   | cps   |
| Molybdenum | 95-1  | 10593308 | 10542007 | 10721027 | 10618781 | 0.87   | cps   |
| Molybdenum | 96-1  | 11760968 | 11749204 | 11790954 | 11767042 | 0.18   | cps   |
| Molybdenum | 97-1  | 6680893  | 6608610  | 6641350  | 6643618  | 0.54   | cps   |
| Molybdenum | 98-1  | 17178516 | 17040400 | 17183197 | 17134038 | 0.47   | cps   |
| Neodymium  | 150-1 | 158169   | 160537   | 162326   | 160344   | 1.30   | cps   |
| Neodymium  | 150-2 | 20213    | 20326    | 20216    | 20251    | 0.32   | cps   |
| Nickel     | 60-2  | 356919   | 353450   | 354287   | 354885   | 0.51   | cps   |
| Phosphorus | 31-2  | 733      | 650      | 758      | 714      | 7.95   | cps   |
| Potassium  | 39-2  | 385857   | 382457   | 379392   | 382569   | 0.85   | cps   |
| Rhodium    | 103-1 | 5355203  | 5150325  | 4902901  | 5136143  | 4.41   | cps   |
| Rhodium    | 103-2 | 1363164  | 1327684  | 1334599  | 1341816  | 1.40   | cps   |
| Scandium   | 45-1  | 3467960  | 3315901  | 3040992  | 3274951  | 6.61   | cps   |
| Scandium   | 45-2  | 22932    | 22458    | 21897    | 22429    | 2.31   | cps   |
| Selenium   | 77-2  | 403      | 490      | 390      | 428      | 12.69  | cps   |
| Selenium   | 78-2  | 1270     | 1174     | 1154     | 1199     | 5.20   | cps   |
| Selenium   | 82-1  | 67196    | 67149    | 67009    | 67118    | 0.14   | cps   |
| Silicon    | 28-1  | 10512833 | 10503364 | 10457827 | 10491341 | 0.28   | cps   |
| Silver     | 109-1 | 5090792  | 5115008  | 5133368  | 5113056  | 0.42   | cps   |
| Silver     | 107-1 | 5363927  | 5356992  | 5408800  | 5376573  | 0.52   | cps   |
| Sodium     | 23-2  | 3080223  | 3030525  | 3013546  | 3041431  | 1.14   | cps   |
| Strontium  | 86-1  | 1900906  | 1886560  | 1892895  | 1893454  | 0.38   | cps   |
| Strontium  | 88-1  | 16058348 | 16061967 | 16097191 | 16072502 | 0.13   | cps   |
| Sulfur     | 34-1  | 382934   | 375250   | 375340   | 377841   | 1.17   | cps   |
| Terbium    | 159-1 | 8316128  | 8144139  | 7731739  | 8064002  | 3.72   | cps   |
| Terbium    | 159-2 | 1618839  | 1566740  | 1603169  | 1596250  | 1.67   | cps   |
| Thallium   | 203-1 | 4749513  | 4727941  | 4763416  | 4746957  | 0.38   | cps   |
| Thallium   | 205-1 | 11113493 | 11199853 | 11338536 | 11217294 | 1.01   | cps   |
| Tin        | 118-1 | 3723068  | 3719733  | 3738371  | 3727057  | 0.27   | cps   |
| Titanium   | 47-1  | 3444796  | 3432000  | 3397548  | 3424782  | 0.71   | cps   |
| Uranium    | 238-1 | 16183990 | 16293893 | 16331095 | 16269659 | 0.47   | cps   |
| Vanadium   | 51-2  | 345949   | 341169   | 342213   | 343110   | 0.73   | cps   |
| Yttrium    | 89-1  | 6991657  | 6861590  | 6487149  | 6780132  | 3.86   | cps   |
| Yttrium    | 89-2  | 199473   | 194804   | 195859   | 196712   | 1.24   | cps   |
| Zinc       | 66-2  | 205028   | 202400   | 202988   | 203472   | 0.68   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5150-01A           | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-0926-S-10BA    | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 14:58:44 | DataFile Name :   | 032SMPL.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 7598734 | 7540508 | 7634841 | 7591361 | 0.63   | cps   |
| Zirconium | 91-1 | 1697696 | 1704012 | 1728809 | 1710172 | 0.96   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV93               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV93               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 15:01:57 | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 330074   | 328837   | 334408   | 331106   | 0.88   | cps   |
| Antimony   | 121-1 | 5467114  | 5495957  | 5478128  | 5480400  | 0.27   | cps   |
| Arsenic    | 75-2  | 51425    | 51464    | 51546    | 51478    | 0.12   | cps   |
| Barium     | 135-1 | 5797854  | 5866899  | 5803524  | 5822759  | 0.66   | cps   |
| Barium     | 137-1 | 10155754 | 10182121 | 10148224 | 10162033 | 0.18   | cps   |
| Beryllium  | 9-1   | 659462   | 657126   | 659266   | 658618   | 0.20   | cps   |
| Bismuth    | 209-1 | 5780434  | 5678920  | 5705023  | 5721459  | 0.92   | cps   |
| Bismuth    | 209-2 | 1349633  | 1347349  | 1379801  | 1358928  | 1.33   | cps   |
| Boron      | 11-1  | 372389   | 385675   | 392494   | 383519   | 2.67   | cps   |
| Boron      | 10-1  | 75515    | 77760    | 80459    | 77912    | 3.18   | cps   |
| Cadmium    | 106-1 | 127153   | 126749   | 124915   | 126272   | 0.94   | cps   |
| Cadmium    | 108-1 | 85129    | 86249    | 85322    | 85567    | 0.70   | cps   |
| Cadmium    | 111-1 | 1174583  | 1174091  | 1179305  | 1175993  | 0.24   | cps   |
| Calcium    | 43-1  | 5303191  | 5300715  | 5273972  | 5292626  | 0.31   | cps   |
| Calcium    | 44-1  | 86113521 | 86519842 | 86653600 | 86428987 | 0.33   | cps   |
| Chromium   | 52-2  | 415422   | 417068   | 421712   | 418067   | 0.78   | cps   |
| Cobalt     | 59-2  | 887692   | 891889   | 893861   | 891147   | 0.35   | cps   |
| Copper     | 63-2  | 1512025  | 1511138  | 1543034  | 1522066  | 1.19   | cps   |
| Dysprosium | 156-1 | 100      | 100      | 100      | 100      | 0.01   | cps   |
| Dysprosium | 156-2 | 27       | 10       | 10       | 16       | 61.87  | cps   |
| Erbium     | 164-1 | 58       | 67       | 50       | 58       | 14.29  | cps   |
| Erbium     | 164-2 | 3        | 7        | 0        | 3        | 100.05 | cps   |
| Gadolinium | 160-1 | 100      | 83       | 42       | 75       | 40.06  | cps   |
| Gadolinium | 160-2 | 17       | 30       | 20       | 22       | 31.22  | cps   |
| Holmium    | 165-1 | 8627434  | 8467923  | 8496191  | 8530516  | 1.00   | cps   |
| Holmium    | 165-2 | 1724036  | 1730764  | 1734083  | 1729628  | 0.30   | cps   |
| Indium     | 115-1 | 6036412  | 5944569  | 5905014  | 5961998  | 1.13   | cps   |
| Indium     | 115-2 | 237468   | 235978   | 240859   | 238102   | 1.05   | cps   |
| Iron       | 56-2  | 68660593 | 68919554 | 69052181 | 68877443 | 0.29   | cps   |
| Iron       | 57-2  | 1786062  | 1783488  | 1778562  | 1782704  | 0.21   | cps   |
| Krypton    | 83-1  | 337      | 363      | 407      | 369      | 9.58   | cps   |
| Lead       | 207-1 | 3610820  | 3619624  | 3611362  | 3613935  | 0.14   | cps   |
| Lead       | 208-1 | 16121269 | 16137936 | 16206094 | 16155100 | 0.28   | cps   |
| Lead       | 206-1 | 3971584  | 3941230  | 3960077  | 3957630  | 0.39   | cps   |
| Lithium    | 6-1   | 1047016  | 1056390  | 1059516  | 1054307  | 0.62   | cps   |
| Magnesium  | 24-2  | 6852872  | 6850410  | 6957533  | 6886938  | 0.89   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV93               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV93               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 15:01:57 | DataFile Name :   | 033SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 236588   | 238520   | 239994   | 238367   | 0.72   | cps   |
| Molybdenum | 94-1  | 9107063  | 9122608  | 9098358  | 9109343  | 0.13   | cps   |
| Molybdenum | 95-1  | 11082400 | 11154648 | 11241915 | 11159655 | 0.72   | cps   |
| Molybdenum | 96-1  | 12415741 | 12381820 | 12421568 | 12406376 | 0.17   | cps   |
| Molybdenum | 97-1  | 6976133  | 7019390  | 7047287  | 7014270  | 0.51   | cps   |
| Molybdenum | 98-1  | 18078347 | 18090114 | 18005736 | 18058066 | 0.25   | cps   |
| Neodymium  | 150-1 | 353      | 253      | 333      | 313      | 16.89  | cps   |
| Neodymium  | 150-2 | 10       | 3        | 10       | 8        | 49.52  | cps   |
| Nickel     | 60-2  | 266869   | 264566   | 265453   | 265629   | 0.44   | cps   |
| Phosphorus | 31-2  | 4401     | 4176     | 4142     | 4240     | 3.32   | cps   |
| Potassium  | 39-2  | 1849166  | 1833433  | 1829379  | 1837326  | 0.57   | cps   |
| Rhodium    | 103-1 | 5463643  | 5366069  | 5348457  | 5392723  | 1.15   | cps   |
| Rhodium    | 103-2 | 1373172  | 1367992  | 1400700  | 1380622  | 1.27   | cps   |
| Scandium   | 45-1  | 3331606  | 3312520  | 3313463  | 3319196  | 0.32   | cps   |
| Scandium   | 45-2  | 22725    | 22835    | 23246    | 22936    | 1.20   | cps   |
| Selenium   | 77-2  | 370      | 363      | 380      | 371      | 2.26   | cps   |
| Selenium   | 78-2  | 1259     | 1315     | 1139     | 1238     | 7.27   | cps   |
| Selenium   | 82-1  | 68936    | 69235    | 69227    | 69133    | 0.25   | cps   |
| Silicon    | 28-1  | 2282104  | 2297366  | 2316594  | 2298688  | 0.75   | cps   |
| Silver     | 109-1 | 5379747  | 5364739  | 5340061  | 5361516  | 0.37   | cps   |
| Silver     | 107-1 | 5578469  | 5617949  | 5600315  | 5598911  | 0.35   | cps   |
| Sodium     | 23-2  | 15493928 | 15493183 | 15636867 | 15541326 | 0.53   | cps   |
| Strontium  | 86-1  | 1392225  | 1372821  | 1381630  | 1382225  | 0.70   | cps   |
| Strontium  | 88-1  | 11981918 | 12037997 | 11998025 | 12005980 | 0.24   | cps   |
| Sulfur     | 34-1  | 605173   | 608258   | 605308   | 606246   | 0.29   | cps   |
| Terbium    | 159-1 | 8814163  | 8729718  | 8651730  | 8731870  | 0.93   | cps   |
| Terbium    | 159-2 | 1659366  | 1643207  | 1683490  | 1662021  | 1.22   | cps   |
| Thallium   | 203-1 | 4921307  | 4912536  | 4913604  | 4915816  | 0.10   | cps   |
| Thallium   | 205-1 | 11650351 | 11543978 | 11525611 | 11573314 | 0.58   | cps   |
| Tin        | 118-1 | 3776492  | 3818043  | 3776962  | 3790499  | 0.63   | cps   |
| Titanium   | 47-1  | 2659554  | 2691814  | 2712007  | 2687792  | 0.98   | cps   |
| Uranium    | 238-1 | 16896177 | 16820865 | 16822636 | 16846559 | 0.26   | cps   |
| Vanadium   | 51-2  | 299931   | 300686   | 302839   | 301152   | 0.50   | cps   |
| Yttrium    | 89-1  | 6298727  | 6182774  | 6241928  | 6241143  | 0.93   | cps   |
| Yttrium    | 89-2  | 175181   | 175420   | 179221   | 176607   | 1.28   | cps   |
| Zinc       | 66-2  | 144917   | 144412   | 145554   | 144961   | 0.39   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCV93               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCV93               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 15:01:57 | DataFile Name :   | 033SMPL.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 7625380 | 7544298 | 7568889 | 7579523 | 0.55   | cps   |
| Zirconium | 91-1 | 1724052 | 1723200 | 1723407 | 1723553 | 0.03   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB93               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB93               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 15:05:08 | DataFile Name :   | 034SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 23      | 13      | 20      | 18      | 28.41  | cps   |
| Antimony   | 121-1 | 14075   | 12415   | 12398   | 12962   | 7.43   | cps   |
| Arsenic    | 75-2  | 9       | 17      | 13      | 13      | 28.58  | cps   |
| Barium     | 135-1 | 433     | 358     | 233     | 342     | 29.57  | cps   |
| Barium     | 137-1 | 817     | 458     | 400     | 558     | 40.41  | cps   |
| Beryllium  | 9-1   | 550     | 511     | 461     | 507     | 8.78   | cps   |
| Bismuth    | 209-1 | 6132736 | 6121104 | 6175884 | 6143242 | 0.47   | cps   |
| Bismuth    | 209-2 | 1469118 | 1465816 | 1478039 | 1470991 | 0.43   | cps   |
| Boron      | 11-1  | 18462   | 17428   | 15517   | 17136   | 8.72   | cps   |
| Boron      | 10-1  | 3617    | 3426    | 3342    | 3462    | 4.07   | cps   |
| Cadmium    | 106-1 | 1400    | 1517    | 1358    | 1425    | 5.76   | cps   |
| Cadmium    | 108-1 | 50      | 17      | 8       | 25      | 88.19  | cps   |
| Cadmium    | 111-1 | 1012    | 1183    | 1012    | 1069    | 9.27   | cps   |
| Calcium    | 43-1  | 650     | 642     | 425     | 572     | 22.29  | cps   |
| Calcium    | 44-1  | 16602   | 14817   | 13140   | 14853   | 11.66  | cps   |
| Chromium   | 52-2  | 370     | 407     | 410     | 396     | 5.61   | cps   |
| Cobalt     | 59-2  | 70      | 77      | 83      | 77      | 8.69   | cps   |
| Copper     | 63-2  | 360     | 320     | 357     | 346     | 6.42   | cps   |
| Dysprosium | 156-1 | 25      | 17      | 0       | 14      | 91.65  | cps   |
| Dysprosium | 156-2 | 3       | 3       | 0       | 2       | 86.60  | cps   |
| Erbium     | 164-1 | 17      | 42      | 17      | 25      | 57.73  | cps   |
| Erbium     | 164-2 | 7       | 3       | 0       | 3       | 100.05 | cps   |
| Gadolinium | 160-1 | 75      | 33      | 83      | 64      | 41.93  | cps   |
| Gadolinium | 160-2 | 3       | 13      | 7       | 8       | 65.47  | cps   |
| Holmium    | 165-1 | 8627412 | 8562965 | 8571157 | 8587178 | 0.41   | cps   |
| Holmium    | 165-2 | 1747192 | 1762024 | 1772881 | 1760699 | 0.73   | cps   |
| Indium     | 115-1 | 6410300 | 6364740 | 6366993 | 6380678 | 0.40   | cps   |
| Indium     | 115-2 | 256555  | 255120  | 257633  | 256436  | 0.49   | cps   |
| Iron       | 56-2  | 4512    | 4256    | 4151    | 4306    | 4.31   | cps   |
| Iron       | 57-2  | 150     | 78      | 83      | 104     | 38.76  | cps   |
| Krypton    | 83-1  | 370     | 403     | 373     | 382     | 4.80   | cps   |
| Lead       | 207-1 | 1322    | 1106    | 1017    | 1148    | 13.69  | cps   |
| Lead       | 208-1 | 5695    | 5267    | 4612    | 5191    | 10.51  | cps   |
| Lead       | 206-1 | 1333    | 1256    | 1139    | 1243    | 7.88   | cps   |
| Lithium    | 6-1   | 1125484 | 1136121 | 1107509 | 1123038 | 1.29   | cps   |
| Magnesium  | 24-2  | 483     | 567     | 475     | 508     | 9.97   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB93               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB93               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 15:05:08 | DataFile Name :   | 034SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 43      | 27      | 60      | 43      | 38.46  | cps   |
| Molybdenum | 94-1  | 3867    | 3559    | 3075    | 3501    | 11.40  | cps   |
| Molybdenum | 95-1  | 5318    | 4543    | 3901    | 4587    | 15.47  | cps   |
| Molybdenum | 96-1  | 5451    | 4618    | 4134    | 4734    | 14.07  | cps   |
| Molybdenum | 97-1  | 3134    | 3117    | 2575    | 2942    | 10.80  | cps   |
| Molybdenum | 98-1  | 8478    | 7719    | 6485    | 7561    | 13.30  | cps   |
| Neodymium  | 150-1 | 7       | 7       | 0       | 4       | 86.60  | cps   |
| Neodymium  | 150-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 353     | 390     | 303     | 349     | 12.47  | cps   |
| Phosphorus | 31-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Potassium  | 39-2  | 2567    | 2850    | 3067    | 2828    | 8.87   | cps   |
| Rhodium    | 103-1 | 5951788 | 5966384 | 5890585 | 5936253 | 0.68   | cps   |
| Rhodium    | 103-2 | 1515613 | 1519390 | 1511427 | 1515477 | 0.26   | cps   |
| Scandium   | 45-1  | 3371384 | 3440746 | 3364147 | 3392092 | 1.25   | cps   |
| Scandium   | 45-2  | 23453   | 23153   | 23593   | 23400   | 0.96   | cps   |
| Selenium   | 77-2  | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 2       | 0       | 4       | 2       | 100.00 | cps   |
| Selenium   | 82-1  | 28      | -19     | 22      | 10      | 256.91 | cps   |
| Silicon    | 28-1  | 196839  | 193003  | 190319  | 193387  | 1.69   | cps   |
| Silver     | 109-1 | 833     | 725     | 558     | 706     | 19.63  | cps   |
| Silver     | 107-1 | 692     | 792     | 667     | 717     | 9.23   | cps   |
| Sodium     | 23-2  | 8911    | 8686    | 8453    | 8684    | 2.64   | cps   |
| Strontium  | 86-1  | 692     | 583     | 533     | 603     | 13.43  | cps   |
| Strontium  | 88-1  | 1000    | 717     | 533     | 750     | 31.35  | cps   |
| Sulfur     | 34-1  | 309505  | 313607  | 309098  | 310737  | 0.80   | cps   |
| Terbium    | 159-1 | 8840270 | 8837009 | 8842254 | 8839844 | 0.03   | cps   |
| Terbium    | 159-2 | 1700048 | 1713054 | 1690271 | 1701124 | 0.67   | cps   |
| Thallium   | 203-1 | 2609    | 2417    | 2384    | 2470    | 4.92   | cps   |
| Thallium   | 205-1 | 6243    | 5526    | 5535    | 5768    | 7.14   | cps   |
| Tin        | 118-1 | 3459    | 3184    | 2917    | 3187    | 8.50   | cps   |
| Titanium   | 47-1  | 367     | 250     | 175     | 264     | 36.60  | cps   |
| Uranium    | 238-1 | 1442    | 983     | 858     | 1095    | 28.06  | cps   |
| Vanadium   | 51-2  | 3       | 13      | 0       | 6       | 124.93 | cps   |
| Yttrium    | 89-1  | 6435607 | 6370262 | 6353160 | 6386343 | 0.68   | cps   |
| Yttrium    | 89-2  | 181143  | 181344  | 182987  | 181825  | 0.56   | cps   |
| Zinc       | 66-2  | 53      | 110     | 67      | 77      | 38.65  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB93               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB93               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 15:05:08 | DataFile Name :   | 034SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 2900 | 2475 | 2309 | 2561    | 11.91  | cps   |
| Zirconium | 91-1 | 508  | 575  | 442  | 508     | 13.12  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5223-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-1001-S-DH-02   | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 15:08:31 | DataFile Name :   | 035SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 190055   | 189282   | 190197   | 189845   | 0.26   | cps   |
| Antimony   | 121-1 | 8361     | 8912     | 8870     | 8714     | 3.52   | cps   |
| Arsenic    | 75-2  | 1461     | 1372     | 1411     | 1415     | 3.15   | cps   |
| Barium     | 135-1 | 436517   | 437579   | 443313   | 439136   | 0.83   | cps   |
| Barium     | 137-1 | 759728   | 771619   | 780624   | 770657   | 1.36   | cps   |
| Beryllium  | 9-1   | 3234     | 3206     | 3389     | 3276     | 3.02   | cps   |
| Bismuth    | 209-1 | 5762504  | 5751036  | 5493972  | 5669171  | 2.68   | cps   |
| Bismuth    | 209-2 | 1390877  | 1333576  | 1415140  | 1379864  | 3.04   | cps   |
| Boron      | 11-1  | 16477    | 16452    | 15926    | 16285    | 1.91   | cps   |
| Boron      | 10-1  | 3359     | 3576     | 3251     | 3395     | 4.88   | cps   |
| Cadmium    | 106-1 | 2842     | 2909     | 3025     | 2925     | 3.17   | cps   |
| Cadmium    | 108-1 | 492      | 583      | 525      | 533      | 8.70   | cps   |
| Cadmium    | 111-1 | 3445     | 3403     | 3617     | 3489     | 3.25   | cps   |
| Calcium    | 43-1  | 651753   | 656237   | 664597   | 657529   | 0.99   | cps   |
| Calcium    | 44-1  | 10600367 | 10745986 | 10745789 | 10697381 | 0.79   | cps   |
| Chromium   | 52-2  | 68018    | 67890    | 68209    | 68039    | 0.24   | cps   |
| Cobalt     | 59-2  | 102953   | 103222   | 103907   | 103361   | 0.48   | cps   |
| Copper     | 63-2  | 176595   | 177490   | 175633   | 176573   | 0.53   | cps   |
| Dysprosium | 156-1 | 127794   | 129326   | 128367   | 128495   | 0.60   | cps   |
| Dysprosium | 156-2 | 27883    | 27522    | 27626    | 27677    | 0.67   | cps   |
| Erbium     | 164-1 | 107197   | 108307   | 106963   | 107489   | 0.67   | cps   |
| Erbium     | 164-2 | 20967    | 21121    | 20917    | 21002    | 0.51   | cps   |
| Gadolinium | 160-1 | 126366   | 125651   | 126888   | 126302   | 0.49   | cps   |
| Gadolinium | 160-2 | 33623    | 34392    | 33881    | 33965    | 1.15   | cps   |
| Holmium    | 165-1 | 8258305  | 8317990  | 7967508  | 8181268  | 2.29   | cps   |
| Holmium    | 165-2 | 1731688  | 1641322  | 1751363  | 1708124  | 3.44   | cps   |
| Indium     | 115-1 | 6000040  | 6011448  | 5819890  | 5943793  | 1.81   | cps   |
| Indium     | 115-2 | 248778   | 237275   | 253032   | 246362   | 3.31   | cps   |
| Iron       | 56-2  | 49228751 | 49274998 | 49095325 | 49199691 | 0.19   | cps   |
| Iron       | 57-2  | 1235407  | 1244320  | 1239205  | 1239644  | 0.36   | cps   |
| Krypton    | 83-1  | 477      | 437      | 493      | 469      | 6.21   | cps   |
| Lead       | 207-1 | 617942   | 618432   | 623249   | 619874   | 0.47   | cps   |
| Lead       | 208-1 | 2912715  | 2932707  | 2936385  | 2927269  | 0.44   | cps   |
| Lead       | 206-1 | 746304   | 753746   | 749799   | 749950   | 0.50   | cps   |
| Lithium    | 6-1   | 1072990  | 1092086  | 1071181  | 1078753  | 1.07   | cps   |
| Magnesium  | 24-2  | 1018760  | 1018923  | 1021157  | 1019613  | 0.13   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5223-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-1001-S-DH-02   | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 15:08:31 | DataFile Name :   | 035SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 553302   | 549111   | 554321   | 552245   | 0.50   | cps   |
| Molybdenum | 94-1  | 160437   | 165522   | 161667   | 162542   | 1.63   | cps   |
| Molybdenum | 95-1  | 7035     | 6910     | 6944     | 6963     | 0.93   | cps   |
| Molybdenum | 96-1  | 34403    | 35624    | 34904    | 34977    | 1.76   | cps   |
| Molybdenum | 97-1  | 4618     | 4276     | 4301     | 4398     | 4.33   | cps   |
| Molybdenum | 98-1  | 11764    | 11155    | 11314    | 11411    | 2.77   | cps   |
| Neodymium  | 150-1 | 178727   | 177442   | 181735   | 179301   | 1.23   | cps   |
| Neodymium  | 150-2 | 23682    | 23271    | 23889    | 23614    | 1.33   | cps   |
| Nickel     | 60-2  | 121229   | 121678   | 122849   | 121919   | 0.69   | cps   |
| Phosphorus | 31-2  | 850      | 1050     | 900      | 933      | 11.15  | cps   |
| Potassium  | 39-2  | 57243    | 57794    | 59000    | 58012    | 1.55   | cps   |
| Rhodium    | 103-1 | 5572764  | 5576896  | 5444006  | 5531222  | 1.37   | cps   |
| Rhodium    | 103-2 | 1443078  | 1379819  | 1469463  | 1430787  | 3.22   | cps   |
| Scandium   | 45-1  | 3436032  | 3473711  | 3370789  | 3426844  | 1.52   | cps   |
| Scandium   | 45-2  | 24161    | 23597    | 24542    | 24100    | 1.97   | cps   |
| Selenium   | 77-2  | 130      | 107      | 160      | 132      | 20.22  | cps   |
| Selenium   | 78-2  | 54       | 59       | 67       | 60       | 10.87  | cps   |
| Selenium   | 82-1  | 134      | 232      | 136      | 168      | 33.43  | cps   |
| Silicon    | 28-1  | 16076285 | 15475193 | 15934557 | 15828678 | 1.99   | cps   |
| Silver     | 109-1 | 3526     | 3809     | 4009     | 3781     | 6.43   | cps   |
| Silver     | 107-1 | 4493     | 4092     | 4109     | 4231     | 5.35   | cps   |
| Sodium     | 23-2  | 29005    | 29924    | 29523    | 29484    | 1.56   | cps   |
| Strontium  | 86-1  | 124699   | 125211   | 126852   | 125587   | 0.90   | cps   |
| Strontium  | 88-1  | 1082736  | 1081120  | 1099613  | 1087823  | 0.94   | cps   |
| Sulfur     | 34-1  | 328964   | 331455   | 332552   | 330990   | 0.56   | cps   |
| Terbium    | 159-1 | 8560324  | 8502909  | 8230428  | 8431220  | 2.09   | cps   |
| Terbium    | 159-2 | 1670554  | 1563946  | 1685508  | 1640003  | 4.04   | cps   |
| Thallium   | 203-1 | 5026     | 5001     | 4851     | 4960     | 1.91   | cps   |
| Thallium   | 205-1 | 11314    | 11431    | 11055    | 11267    | 1.70   | cps   |
| Tin        | 118-1 | 18238    | 19064    | 18230    | 18511    | 2.59   | cps   |
| Titanium   | 47-1  | 510708   | 517053   | 528857   | 518873   | 1.78   | cps   |
| Uranium    | 238-1 | 117552   | 117544   | 116364   | 117154   | 0.58   | cps   |
| Vanadium   | 51-2  | 48704    | 49655    | 49364    | 49241    | 0.99   | cps   |
| Yttrium    | 89-1  | 7402259  | 7435044  | 7278793  | 7372032  | 1.12   | cps   |
| Yttrium    | 89-2  | 217456   | 210331   | 223193   | 216993   | 2.97   | cps   |
| Zinc       | 66-2  | 39804    | 39948    | 40011    | 39921    | 0.27   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5223-04            | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-1001-S-DH-02   | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 15:08:31 | DataFile Name :   | 035SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 90-1 | 434767 | 431723 | 434964 | 433818  | 0.42   | cps   |
| Zirconium | 91-1 | 94284  | 97567  | 97414  | 96422   | 1.92   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5223-03DLX5        | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-1001-S-DH-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-10-11 15:17:50 | DataFile Name :   | 036SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 89999    | 89118    | 90218    | 89778    | 0.65   | cps   |
| Antimony   | 121-1 | 1458     | 1767     | 1425     | 1550     | 12.15  | cps   |
| Arsenic    | 75-2  | 678      | 767      | 698      | 714      | 6.52   | cps   |
| Barium     | 135-1 | 308299   | 309102   | 309852   | 309084   | 0.25   | cps   |
| Barium     | 137-1 | 541938   | 543394   | 542539   | 542624   | 0.13   | cps   |
| Beryllium  | 9-1   | 1606     | 1467     | 1361     | 1478     | 8.30   | cps   |
| Bismuth    | 209-1 | 5747368  | 5843387  | 5701542  | 5764099  | 1.26   | cps   |
| Bismuth    | 209-2 | 1437518  | 1427727  | 1445717  | 1436988  | 0.63   | cps   |
| Boron      | 11-1  | 5893     | 6327     | 5918     | 6046     | 4.03   | cps   |
| Boron      | 10-1  | 1183     | 1383     | 1158     | 1242     | 9.93   | cps   |
| Cadmium    | 106-1 | 1483     | 1834     | 1692     | 1670     | 10.55  | cps   |
| Cadmium    | 108-1 | 146      | 117      | 117      | 126      | 13.32  | cps   |
| Cadmium    | 111-1 | 1399     | 1614     | 1523     | 1512     | 7.15   | cps   |
| Calcium    | 43-1  | 46503    | 45466    | 45868    | 45946    | 1.14   | cps   |
| Calcium    | 44-1  | 750495   | 753414   | 757305   | 753738   | 0.45   | cps   |
| Chromium   | 52-2  | 72959    | 73492    | 73297    | 73249    | 0.37   | cps   |
| Cobalt     | 59-2  | 94702    | 95706    | 95135    | 95181    | 0.53   | cps   |
| Copper     | 63-2  | 60481    | 59644    | 60069    | 60065    | 0.70   | cps   |
| Dysprosium | 156-1 | 53268    | 54222    | 51795    | 53095    | 2.30   | cps   |
| Dysprosium | 156-2 | 11242    | 11032    | 11202    | 11158    | 1.00   | cps   |
| Erbium     | 164-1 | 43357    | 42420    | 43282    | 43019    | 1.21   | cps   |
| Erbium     | 164-2 | 8343     | 8510     | 8096     | 8316     | 2.50   | cps   |
| Gadolinium | 160-1 | 50666    | 50741    | 50256    | 50554    | 0.52   | cps   |
| Gadolinium | 160-2 | 13607    | 13000    | 13651    | 13419    | 2.71   | cps   |
| Holmium    | 165-1 | 8337513  | 8393162  | 8171379  | 8300685  | 1.39   | cps   |
| Holmium    | 165-2 | 1781172  | 1770044  | 1735457  | 1762225  | 1.35   | cps   |
| Indium     | 115-1 | 6221544  | 6290282  | 6209147  | 6240324  | 0.70   | cps   |
| Indium     | 115-2 | 263207   | 263730   | 264421   | 263786   | 0.23   | cps   |
| Iron       | 56-2  | 22965845 | 22948406 | 23141983 | 23018745 | 0.47   | cps   |
| Iron       | 57-2  | 581650   | 578937   | 583391   | 581326   | 0.39   | cps   |
| Krypton    | 83-1  | 490      | 440      | 370      | 433      | 13.91  | cps   |
| Lead       | 207-1 | 155445   | 154968   | 154269   | 154894   | 0.38   | cps   |
| Lead       | 208-1 | 727419   | 729324   | 726138   | 727627   | 0.22   | cps   |
| Lead       | 206-1 | 185174   | 186082   | 187515   | 186257   | 0.63   | cps   |
| Lithium    | 6-1   | 1101376  | 1123016  | 1101150  | 1108514  | 1.13   | cps   |
| Magnesium  | 24-2  | 639792   | 643901   | 643257   | 642317   | 0.34   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5223-03DLX5        | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-1001-S-DH-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-10-11 15:17:50 | DataFile Name :   | 036SMPL.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 234264  | 233538  | 233759  | 233853  | 0.16   | cps   |
| Molybdenum | 94-1  | 40428   | 39809   | 41155   | 40464   | 1.66   | cps   |
| Molybdenum | 95-1  | 1975    | 1875    | 1950    | 1934    | 2.69   | cps   |
| Molybdenum | 96-1  | 8478    | 9128    | 9170    | 8925    | 4.35   | cps   |
| Molybdenum | 97-1  | 1233    | 1175    | 1175    | 1195    | 2.82   | cps   |
| Molybdenum | 98-1  | 3201    | 3067    | 3134    | 3134    | 2.13   | cps   |
| Neodymium  | 150-1 | 80935   | 80050   | 81432   | 80806   | 0.87   | cps   |
| Neodymium  | 150-2 | 10985   | 11125   | 10948   | 11019   | 0.85   | cps   |
| Nickel     | 60-2  | 324815  | 322942  | 323043  | 323600  | 0.33   | cps   |
| Phosphorus | 31-2  | 283     | 150     | 250     | 228     | 30.46  | cps   |
| Potassium  | 39-2  | 31495   | 32271   | 32288   | 32018   | 1.42   | cps   |
| Rhodium    | 103-1 | 5851622 | 5903993 | 5796844 | 5850820 | 0.92   | cps   |
| Rhodium    | 103-2 | 1570591 | 1542847 | 1558764 | 1557401 | 0.89   | cps   |
| Scandium   | 45-1  | 3602047 | 3643328 | 3609811 | 3618395 | 0.61   | cps   |
| Scandium   | 45-2  | 26121   | 26001   | 26422   | 26181   | 0.83   | cps   |
| Selenium   | 77-2  | 23      | 30      | 67      | 40      | 58.34  | cps   |
| Selenium   | 78-2  | 26      | 20      | 11      | 19      | 39.12  | cps   |
| Selenium   | 82-1  | 0       | 43      | 132     | 58      | 115.62 | cps   |
| Silicon    | 28-1  | 3887644 | 3839150 | 3871160 | 3865985 | 0.64   | cps   |
| Silver     | 109-1 | 708     | 567     | 633     | 636     | 11.14  | cps   |
| Silver     | 107-1 | 658     | 692     | 625     | 658     | 5.06   | cps   |
| Sodium     | 23-2  | 16627   | 17036   | 16669   | 16777   | 1.34   | cps   |
| Strontium  | 86-1  | 32807   | 32356   | 33183   | 32782   | 1.26   | cps   |
| Strontium  | 88-1  | 274435  | 274292  | 279231  | 275986  | 1.02   | cps   |
| Sulfur     | 34-1  | 303097  | 300176  | 293123  | 298799  | 1.72   | cps   |
| Terbium    | 159-1 | 8609148 | 8704641 | 8494521 | 8602770 | 1.22   | cps   |
| Terbium    | 159-2 | 1724656 | 1709004 | 1723541 | 1719067 | 0.51   | cps   |
| Thallium   | 203-1 | 2534    | 2517    | 2567    | 2539    | 1.00   | cps   |
| Thallium   | 205-1 | 5835    | 6185    | 6052    | 6024    | 2.93   | cps   |
| Tin        | 118-1 | 3276    | 3342    | 3142    | 3253    | 3.13   | cps   |
| Titanium   | 47-1  | 316912  | 309518  | 316410  | 314280  | 1.31   | cps   |
| Uranium    | 238-1 | 52378   | 52018   | 53064   | 52487   | 1.01   | cps   |
| Vanadium   | 51-2  | 24508   | 24044   | 25323   | 24625   | 2.63   | cps   |
| Yttrium    | 89-1  | 6935617 | 6984386 | 6887911 | 6935971 | 0.70   | cps   |
| Yttrium    | 89-2  | 209666  | 210949  | 209728  | 210115  | 0.34   | cps   |
| Zinc       | 66-2  | 13463   | 13240   | 13927   | 13543   | 2.59   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | J5223-03DLX5        | Instrumnet Name : | P8        |
| Client Sample ID :      | SSSI-1001-S-DH-01DL | Dilution Factor : | 5         |
| Date & Time Acquired :: | 2018-10-11 15:17:50 | DataFile Name :   | 036SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 90-1 | 108775 | 108891 | 110042 | 109236  | 0.64   | cps   |
| Zirconium | 91-1 | 22670  | 23972  | 24373  | 23672   | 3.76   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB98566             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV94               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV94               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-10-11 15:47:47 | DataFile Name :   | 045CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 301682   | 303513   | 303906   | 303034   | 0.39   | cps   |
| Antimony   | 121-1 | 5408168  | 5377243  | 5286260  | 5357224  | 1.18   | cps   |
| Arsenic    | 75-2  | 47444    | 47392    | 47896    | 47577    | 0.58   | cps   |
| Barium     | 135-1 | 5815436  | 5800684  | 5732922  | 5783014  | 0.76   | cps   |
| Barium     | 137-1 | 10276917 | 10151745 | 10056620 | 10161761 | 1.09   | cps   |
| Beryllium  | 9-1   | 616990   | 611336   | 607758   | 612028   | 0.76   | cps   |
| Bismuth    | 209-1 | 5458927  | 5706897  | 5817144  | 5660989  | 3.24   | cps   |
| Bismuth    | 209-2 | 1361897  | 1359839  | 1366494  | 1362743  | 0.25   | cps   |
| Boron      | 11-1  | 359397   | 359933   | 364973   | 361435   | 0.85   | cps   |
| Boron      | 10-1  | 73187    | 72960    | 72173    | 72773    | 0.73   | cps   |
| Cadmium    | 106-1 | 122813   | 120300   | 121358   | 121490   | 1.04   | cps   |
| Cadmium    | 108-1 | 83033    | 83674    | 82932    | 83213    | 0.48   | cps   |
| Cadmium    | 111-1 | 1165752  | 1153368  | 1136690  | 1151937  | 1.27   | cps   |
| Calcium    | 43-1  | 5112236  | 5020015  | 4942444  | 5024898  | 1.69   | cps   |
| Calcium    | 44-1  | 83052269 | 81898858 | 81599350 | 82183492 | 0.93   | cps   |
| Chromium   | 52-2  | 388774   | 392357   | 392404   | 391178   | 0.53   | cps   |
| Cobalt     | 59-2  | 831268   | 838756   | 836854   | 835626   | 0.47   | cps   |
| Copper     | 63-2  | 1411604  | 1429055  | 1435678  | 1425446  | 0.87   | cps   |
| Dysprosium | 156-1 | 142      | 83       | 150      | 125      | 29.06  | cps   |
| Dysprosium | 156-2 | 10       | 20       | 13       | 14       | 35.26  | cps   |
| Erbium     | 164-1 | 33       | 117      | 50       | 67       | 66.15  | cps   |
| Erbium     | 164-2 | 13       | 13       | 17       | 14       | 13.35  | cps   |
| Gadolinium | 160-1 | 67       | 67       | 100      | 78       | 24.75  | cps   |
| Gadolinium | 160-2 | 23       | 13       | 10       | 16       | 44.60  | cps   |
| Holmium    | 165-1 | 8062582  | 8446603  | 8546190  | 8351792  | 3.06   | cps   |
| Holmium    | 165-2 | 1715939  | 1711284  | 1754803  | 1727342  | 1.38   | cps   |
| Indium     | 115-1 | 5528452  | 5819210  | 5883158  | 5743607  | 3.29   | cps   |
| Indium     | 115-2 | 234014   | 229001   | 235467   | 232827   | 1.46   | cps   |
| Iron       | 56-2  | 64090106 | 64437724 | 64610958 | 64379596 | 0.41   | cps   |
| Iron       | 57-2  | 1660816  | 1679812  | 1676709  | 1672445  | 0.61   | cps   |
| Krypton    | 83-1  | 420      | 423      | 377      | 407      | 6.40   | cps   |
| Lead       | 207-1 | 3737571  | 3679698  | 3629765  | 3682345  | 1.47   | cps   |
| Lead       | 208-1 | 16632086 | 16378009 | 16220539 | 16410211 | 1.27   | cps   |
| Lead       | 206-1 | 4018069  | 3974758  | 4007132  | 3999986  | 0.56   | cps   |
| Lithium    | 6-1   | 950511   | 982339   | 1001565  | 978139   | 2.64   | cps   |
| Magnesium  | 24-2  | 6288047  | 6318470  | 6339045  | 6315188  | 0.41   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB98566             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV94               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV94               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-10-11 15:47:47 | DataFile Name :   | 045CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Manganese  | 55-2  | 220423   | 221716   | 221669   | 221269   | 0.33   | cps   |
| Molybdenum | 94-1  | 9033465  | 8869933  | 8818028  | 8907142  | 1.26   | cps   |
| Molybdenum | 95-1  | 11023653 | 10924308 | 10812376 | 10920112 | 0.97   | cps   |
| Molybdenum | 96-1  | 12355452 | 12175908 | 12034752 | 12188704 | 1.32   | cps   |
| Molybdenum | 97-1  | 7026075  | 6926251  | 6809375  | 6920567  | 1.57   | cps   |
| Molybdenum | 98-1  | 17823381 | 17737870 | 17592451 | 17717901 | 0.66   | cps   |
| Neodymium  | 150-1 | 240      | 287      | 333      | 287      | 16.28  | cps   |
| Neodymium  | 150-2 | 0        | 10       | 23       | 11       | 105.35 | cps   |
| Nickel     | 60-2  | 247961   | 250912   | 250580   | 249818   | 0.65   | cps   |
| Phosphorus | 31-2  | 3709     | 3776     | 3767     | 3751     | 0.97   | cps   |
| Potassium  | 39-2  | 1667602  | 1668335  | 1664480  | 1666806  | 0.12   | cps   |
| Rhodium    | 103-1 | 5038528  | 5214193  | 5260181  | 5170967  | 2.26   | cps   |
| Rhodium    | 103-2 | 1346158  | 1335806  | 1356973  | 1346312  | 0.79   | cps   |
| Scandium   | 45-1  | 2995498  | 3106260  | 3139973  | 3080577  | 2.45   | cps   |
| Scandium   | 45-2  | 21523    | 21013    | 22001    | 21512    | 2.30   | cps   |
| Selenium   | 77-2  | 307      | 283      | 343      | 311      | 9.72   | cps   |
| Selenium   | 78-2  | 1124     | 1119     | 1085     | 1109     | 1.90   | cps   |
| Selenium   | 82-1  | 67572    | 66630    | 66692    | 66965    | 0.79   | cps   |
| Silicon    | 28-1  | 2171041  | 2131546  | 2150163  | 2150917  | 0.92   | cps   |
| Silver     | 109-1 | 5348774  | 5251229  | 5254822  | 5284942  | 1.05   | cps   |
| Silver     | 107-1 | 5628921  | 5517384  | 5472401  | 5539569  | 1.45   | cps   |
| Sodium     | 23-2  | 14112389 | 14284315 | 14278681 | 14225128 | 0.69   | cps   |
| Strontium  | 86-1  | 1341648  | 1330929  | 1330655  | 1334411  | 0.47   | cps   |
| Strontium  | 88-1  | 11763829 | 11707859 | 11552849 | 11674846 | 0.94   | cps   |
| Sulfur     | 34-1  | 573017   | 572995   | 568787   | 571600   | 0.43   | cps   |
| Terbium    | 159-1 | 8180682  | 8649059  | 8658959  | 8496234  | 3.22   | cps   |
| Terbium    | 159-2 | 1653376  | 1645154  | 1683750  | 1660760  | 1.22   | cps   |
| Thallium   | 203-1 | 5030544  | 4955335  | 4911974  | 4965951  | 1.21   | cps   |
| Thallium   | 205-1 | 11857165 | 11737226 | 11575706 | 11723366 | 1.20   | cps   |
| Tin        | 118-1 | 3804577  | 3729640  | 3715223  | 3749814  | 1.28   | cps   |
| Titanium   | 47-1  | 2598631  | 2539155  | 2535160  | 2557649  | 1.39   | cps   |
| Uranium    | 238-1 | 17382771 | 16989840 | 16991723 | 17121445 | 1.32   | cps   |
| Vanadium   | 51-2  | 277864   | 279411   | 281563   | 279612   | 0.66   | cps   |
| Yttrium    | 89-1  | 5682647  | 5997710  | 6062306  | 5914221  | 3.43   | cps   |
| Yttrium    | 89-2  | 170553   | 169753   | 171316   | 170541   | 0.46   | cps   |
| Zinc       | 66-2  | 133006   | 135053   | 134777   | 134278   | 0.83   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB98566             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV94               | Instrumnet Name : | P8       |
| Client Sample ID :      | CCV94               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-10-11 15:47:47 | DataFile Name :   | 045CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 90-1 | 7501465 | 7451449 | 7402392 | 7451769 | 0.66   | cps   |
| Zirconium | 91-1 | 1706332 | 1676949 | 1674975 | 1686086 | 1.04   | cps   |

LB Number : LB98566 Operator : Jaswal  
 Lab Sample ID : CCB94 Instrumnet Name : P8  
 Client Sample ID : CCB94 Dilution Factor : 1  
 Date & Time Acquired :: 2018-10-11 15:50:59 DataFile Name : 046CCBE.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 18      | 23      | 25      | 22      | 17.65  | cps   |
| Antimony   | 121-1 | 17095   | 15735   | 15042   | 15957   | 6.54   | cps   |
| Arsenic    | 75-2  | 17      | 26      | 20      | 21      | 22.21  | cps   |
| Barium     | 135-1 | 225     | 325     | 183     | 244     | 29.79  | cps   |
| Barium     | 137-1 | 425     | 375     | 342     | 381     | 11.02  | cps   |
| Beryllium  | 9-1   | 589     | 561     | 600     | 583     | 3.43   | cps   |
| Bismuth    | 209-1 | 6240444 | 6269213 | 6301674 | 6270444 | 0.49   | cps   |
| Bismuth    | 209-2 | 1502292 | 1473516 | 1492714 | 1489507 | 0.98   | cps   |
| Boron      | 11-1  | 20290   | 19347   | 18863   | 19500   | 3.72   | cps   |
| Boron      | 10-1  | 4201    | 4051    | 3692    | 3981    | 6.56   | cps   |
| Cadmium    | 106-1 | 1392    | 1475    | 1358    | 1408    | 4.27   | cps   |
| Cadmium    | 108-1 | 8       | 21      | 33      | 21      | 60.01  | cps   |
| Cadmium    | 111-1 | 1131    | 1131    | 1094    | 1119    | 1.88   | cps   |
| Calcium    | 43-1  | 508     | 433     | 367     | 436     | 16.25  | cps   |
| Calcium    | 44-1  | 12431   | 12748   | 12798   | 12659   | 1.57   | cps   |
| Chromium   | 52-2  | 433     | 347     | 340     | 373     | 13.95  | cps   |
| Cobalt     | 59-2  | 97      | 53      | 77      | 76      | 28.71  | cps   |
| Copper     | 63-2  | 467     | 500     | 463     | 477     | 4.25   | cps   |
| Dysprosium | 156-1 | 33      | 50      | 50      | 44      | 21.66  | cps   |
| Dysprosium | 156-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 0       | 33      | 25      | 19      | 89.21  | cps   |
| Erbium     | 164-2 | 3       | 10      | 7       | 7       | 50.03  | cps   |
| Gadolinium | 160-1 | 67      | 25      | 33      | 42      | 52.92  | cps   |
| Gadolinium | 160-2 | 7       | 7       | 0       | 4       | 86.60  | cps   |
| Holmium    | 165-1 | 8619360 | 8623548 | 8661037 | 8634649 | 0.27   | cps   |
| Holmium    | 165-2 | 1765171 | 1749261 | 1780569 | 1765000 | 0.89   | cps   |
| Indium     | 115-1 | 6323642 | 6276241 | 6279997 | 6293293 | 0.42   | cps   |
| Indium     | 115-2 | 252632  | 250191  | 250479  | 251101  | 0.53   | cps   |
| Iron       | 56-2  | 4684    | 4629    | 4551    | 4621    | 1.45   | cps   |
| Iron       | 57-2  | 144     | 106     | 144     | 131     | 17.08  | cps   |
| Krypton    | 83-1  | 380     | 360     | 340     | 360     | 5.56   | cps   |
| Lead       | 207-1 | 928     | 895     | 983     | 935     | 4.80   | cps   |
| Lead       | 208-1 | 4128    | 4239    | 4000    | 4123    | 2.90   | cps   |
| Lead       | 206-1 | 1045    | 989     | 861     | 965     | 9.74   | cps   |
| Lithium    | 6-1   | 1078015 | 1080724 | 1083699 | 1080813 | 0.26   | cps   |
| Magnesium  | 24-2  | 625     | 542     | 692     | 619     | 12.13  | cps   |

LB Number : LB98566 Operator : Jaswal  
 Lab Sample ID : CCB94 Instrumnet Name : P8  
 Client Sample ID : CCB94 Dilution Factor : 1  
 Date & Time Acquired :: 2018-10-11 15:50:59 DataFile Name : 046CCBE.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Manganese  | 55-2  | 43      | 37      | 13      | 31      | 50.64  | cps   |
| Molybdenum | 94-1  | 3451    | 3451    | 2867    | 3256    | 10.35  | cps   |
| Molybdenum | 95-1  | 4634    | 4334    | 3626    | 4198    | 12.34  | cps   |
| Molybdenum | 96-1  | 5243    | 4593    | 4126    | 4654    | 12.06  | cps   |
| Molybdenum | 97-1  | 2567    | 2484    | 2392    | 2481    | 3.53   | cps   |
| Molybdenum | 98-1  | 6952    | 6944    | 6052    | 6649    | 7.78   | cps   |
| Neodymium  | 150-1 | 7       | 13      | 13      | 11      | 34.61  | cps   |
| Neodymium  | 150-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 260     | 290     | 277     | 276     | 5.45   | cps   |
| Phosphorus | 31-2  | 0       | 0       | 17      | 6       | 173.21 | cps   |
| Potassium  | 39-2  | 2275    | 2017    | 2117    | 2136    | 6.10   | cps   |
| Rhodium    | 103-1 | 5778943 | 5849970 | 5865949 | 5831621 | 0.79   | cps   |
| Rhodium    | 103-2 | 1527610 | 1474293 | 1472367 | 1491423 | 2.10   | cps   |
| Scandium   | 45-1  | 3190521 | 3232591 | 3218508 | 3213874 | 0.67   | cps   |
| Scandium   | 45-2  | 21720   | 21300   | 21917   | 21646   | 1.46   | cps   |
| Selenium   | 77-2  | 7       | 0       | 0       | 2       | 173.21 | cps   |
| Selenium   | 78-2  | 4       | 2       | 2       | 2       | 43.30  | cps   |
| Selenium   | 82-1  | -5      | 55      | 60      | 37      | 97.92  | cps   |
| Silicon    | 28-1  | 181133  | 180728  | 176779  | 179547  | 1.34   | cps   |
| Silver     | 109-1 | 1167    | 1058    | 967     | 1064    | 9.41   | cps   |
| Silver     | 107-1 | 1100    | 1025    | 1158    | 1095    | 6.11   | cps   |
| Sodium     | 23-2  | 9495    | 9312    | 9404    | 9404    | 0.98   | cps   |
| Strontium  | 86-1  | 633     | 467     | 642     | 581     | 17.00  | cps   |
| Strontium  | 88-1  | 533     | 592     | 642     | 589     | 9.21   | cps   |
| Sulfur     | 34-1  | 294008  | 293966  | 293046  | 293673  | 0.19   | cps   |
| Terbium    | 159-1 | 8833051 | 8824556 | 8839261 | 8832290 | 0.08   | cps   |
| Terbium    | 159-2 | 1707973 | 1694027 | 1706138 | 1702713 | 0.45   | cps   |
| Thallium   | 203-1 | 3576    | 3134    | 2926    | 3212    | 10.34  | cps   |
| Thallium   | 205-1 | 8086    | 7969    | 7661    | 7906    | 2.78   | cps   |
| Tin        | 118-1 | 4301    | 4209    | 3934    | 4148    | 4.60   | cps   |
| Titanium   | 47-1  | 183     | 225     | 258     | 222     | 16.91  | cps   |
| Uranium    | 238-1 | 758     | 775     | 792     | 775     | 2.15   | cps   |
| Vanadium   | 51-2  | 13      | 30      | 27      | 23      | 37.81  | cps   |
| Yttrium    | 89-1  | 6271510 | 6212298 | 6267480 | 6250430 | 0.53   | cps   |
| Yttrium    | 89-2  | 177693  | 174893  | 176302  | 176296  | 0.79   | cps   |
| Zinc       | 66-2  | 100     | 93      | 100     | 98      | 3.93   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB98566             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB94               | Instrumnet Name : | P8        |
| Client Sample ID :      | CCB94               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-10-11 15:50:59 | DataFile Name :   | 046CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 90-1 | 2275 | 2150 | 2325 | 2250    | 4.01   | cps   |
| Zirconium | 91-1 | 533  | 542  | 583  | 553     | 4.85   | cps   |