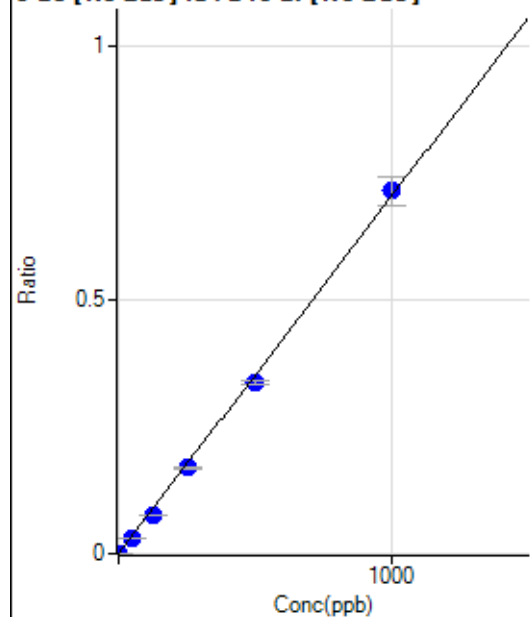


Batch Folder: D:\ICP-MS Data\P7061918MS.b\  
Analysis File: P7061918MS.batch.bin  
DA Date-Time: 2018-06-19 16:17:19  
Calibration Title:  
Calibration Method: External Calibration  
VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time      |
|-------|--------------------|-------------|---------------------|
| 1     | 004CALB.d          | S00         | 2018-06-19 16:11:18 |
| 2     |                    |             |                     |
| 3     | 007CALS.d          | S02         | 2018-06-19 16:35:44 |
| 4     | 008CALS.d          | S03         | 2018-06-19 16:39:37 |
| 5     | 009CALS.d          | S04         | 2018-06-19 16:43:30 |
| 6     | 010CALS.d          | S05         | 2018-06-19 16:47:20 |
| 7     | 011CALS.d          | S06         | 2018-06-19 16:51:07 |
| 8     | 012CALS.d          | S07         | 2018-06-19 16:54:53 |
| 9     | 013CALS.d          | S08         | 2018-06-19 16:58:38 |

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 101.86     | 0.0001 | P        | 17.7 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.931      | 1153.78    | 0.0007 | P        | 8.8  |
| 4 | <input type="checkbox"/> | 50.000   | 44.412     | 53782.55   | 0.0314 | P        | 0.5  |
| 5 | <input type="checkbox"/> | 125.000  | 109.722    | 138483.71  | 0.0774 | P        | 0.4  |
| 6 | <input type="checkbox"/> | 250.000  | 240.334    | 275162.78  | 0.1694 | P        | 1.5  |
| 7 | <input type="checkbox"/> | 500.000  | 478.516    | 539211.85  | 0.3373 | P        | 1.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 1015.348   | 1051262.49 | 0.7156 | P        | 8.1  |
| 9 | <input type="checkbox"/> |          |            | 838.94     | 0.0006 | P        | 6.0  |

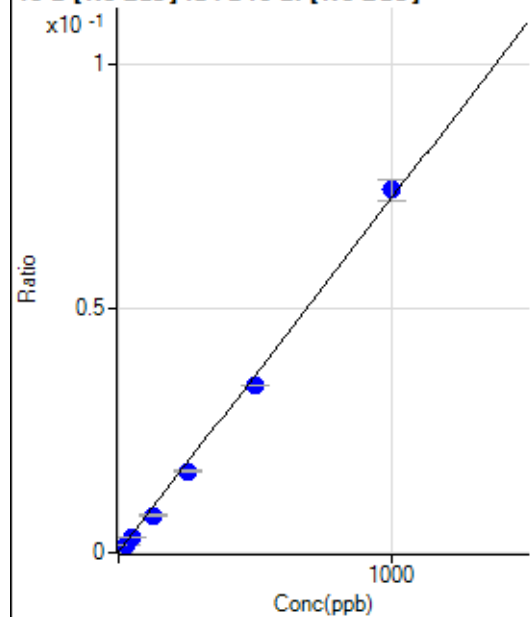
$$y = 7.0475\text{E-}004 * x + 6.8261\text{E-}005$$

$$R = 0.9996$$

$$DL = 0.05137$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 219.46    | 0.0001 | P        | 9.8  |
| 2 | <input type="checkbox"/> | 2.500    |            |           |        |          |      |
| 3 | <input type="checkbox"/> | 25.000   | 20.219     | 2564.23   | 0.0016 | P        | 5.0  |
| 4 | <input type="checkbox"/> | 50.000   | 41.065     | 5345.61   | 0.0031 | P        | 4.8  |
| 5 | <input type="checkbox"/> | 125.000  | 103.503    | 13662.26  | 0.0076 | P        | 3.8  |
| 6 | <input type="checkbox"/> | 250.000  | 228.011    | 27038.92  | 0.0166 | P        | 2.3  |
| 7 | <input type="checkbox"/> | 500.000  | 469.956    | 54599.29  | 0.0342 | P        | 0.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 1023.773   | 109138.38 | 0.0742 | P        | 5.9  |
| 9 | <input type="checkbox"/> |          |            | 6673.96   | 0.0044 | P        | 10.2 |

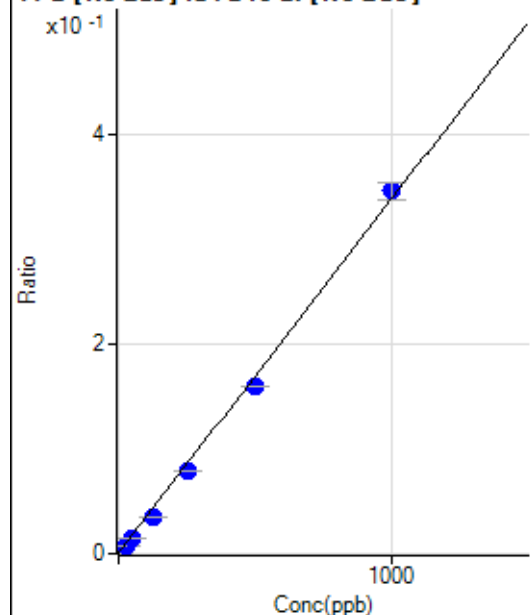
$$y = 7.2355\text{E-}005 * x + 1.4707\text{E-}004$$

$$R = 0.9991$$

$$DL = 0.5947$$

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      | 1361.23   | 0.0009 | P    | 7.9 |
| 2 | <input type="checkbox"/> | 2.500    |            |           |        |      |     |
| 3 | <input type="checkbox"/> | 25.000   | 20.477     | 12466.70  | 0.0078 | P    | 2.8 |
| 4 | <input type="checkbox"/> | 50.000   | 40.770     | 25169.07  | 0.0147 | P    | 0.9 |
| 5 | <input type="checkbox"/> | 125.000  | 102.558    | 63601.33  | 0.0355 | P    | 1.3 |
| 6 | <input type="checkbox"/> | 250.000  | 231.433    | 128413.91 | 0.0791 | P    | 1.7 |
| 7 | <input type="checkbox"/> | 500.000  | 470.091    | 255260.93 | 0.1597 | P    | 0.7 |
| 8 | <input type="checkbox"/> | 1000.000 | 1022.976   | 509623.42 | 0.3464 | P    | 4.5 |
| 9 | <input type="checkbox"/> |          |            | 31703.67  | 0.0209 | P    | 9.9 |

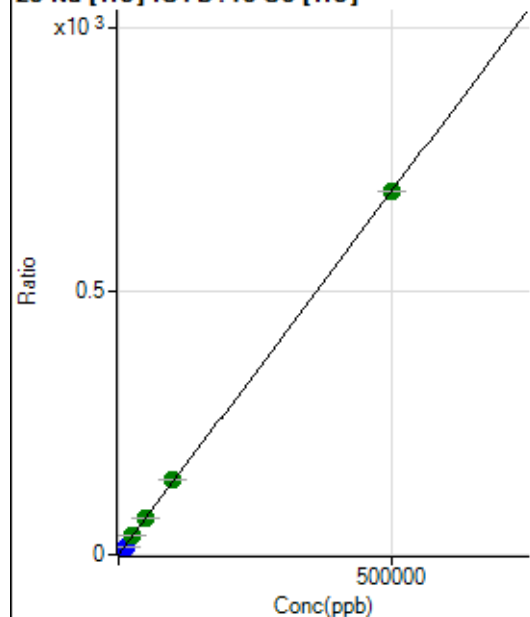
$$y = 3.3770\text{E-}004 * x + 9.1200\text{E-}004$$

$$R = 0.9991$$

$$DL = 0.6432$$

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      | 8619.49     | 0.0512   | P    | 2.3 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 428.559    | 112623.30   | 0.6425   | P    | 1.9 |
| 4 | <input type="checkbox"/> | 5000.000  | 4610.307   | 1158293.28  | 6.4118   | P    | 2.0 |
| 5 | <input type="checkbox"/> | 12500.000 | 11759.875  | 3083992.84  | 16.2758  | P    | 0.6 |
| 6 | <input type="checkbox"/> | 25000.000 | 25536.932  | 6031106.34  | 35.2834  | A    | 1.4 |
| 7 | <input type="checkbox"/> | 50000.000 | 50339.774  | 11649188.28 | 69.5028  | A    | 1.3 |
| 8 | <input type="checkbox"/> | 100000.00 | 103186.91  | 23422524.48 | 142.4136 | A    | 1.6 |
| 9 | <input type="checkbox"/> | 500000.00 | 499324.26  | 113888345.6 | 688.9468 | A    | 0.1 |

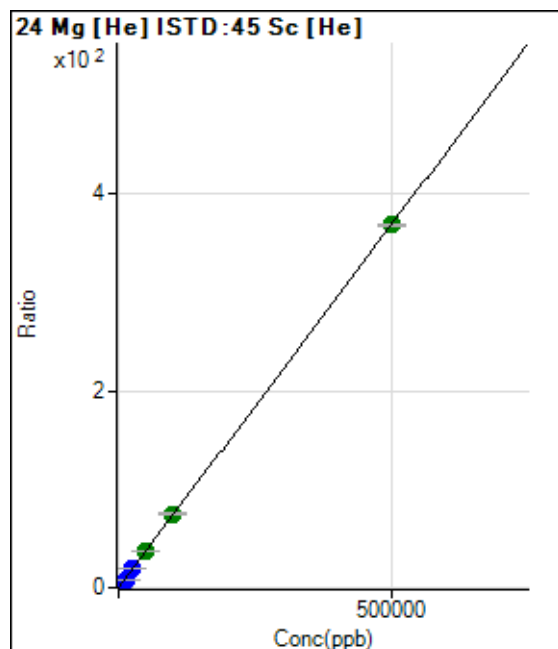
$$y = 0.0014 * x + 0.0512$$

$$R = 1.0000$$

$$DL = 2.575$$

Weight: &lt;None&gt;

Min Conc: 0



|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS         | Ratio    | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|----------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 1036.19     | 0.0062   | P    | 9.6 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 421.522    | 55545.41    | 0.3169   | P    | 2.3 |
| 4 | <input type="checkbox"/> | 5000.000  | 4542.750   | 606017.26   | 3.3546   | P    | 1.2 |
| 5 | <input type="checkbox"/> | 12500.000 | 11543.951  | 1613492.12  | 8.5152   | P    | 0.1 |
| 6 | <input type="checkbox"/> | 25000.000 | 25441.294  | 3206544.86  | 18.7590  | P    | 1.4 |
| 7 | <input type="checkbox"/> | 50000.000 | 49575.659  | 6125860.86  | 36.5486  | A    | 1.3 |
| 8 | <input type="checkbox"/> | 100000.00 | 101890.68  | 12352969.02 | 75.1102  | A    | 1.9 |
| 9 | <input type="checkbox"/> | 500000.00 | 499670.78  | 60886474.28 | 368.3155 | A    | 0.4 |

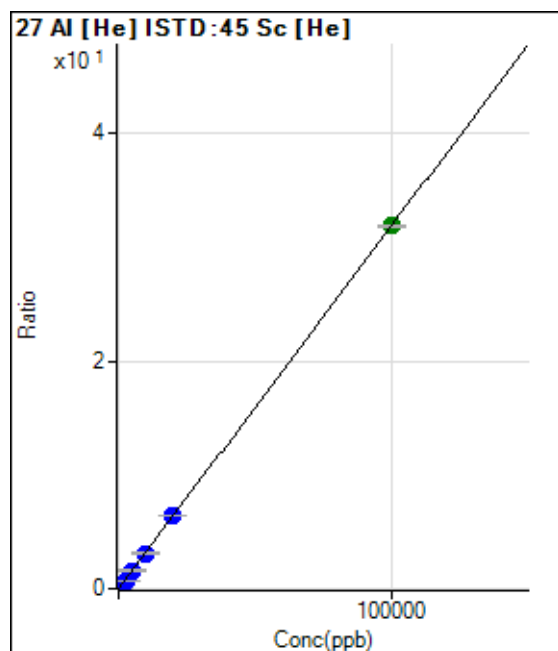
$$y = 7.3710\text{E-}004 * x + 0.0062$$

$$R = 1.0000$$

$$DL = 2.395$$

Weight: <None>

Min Conc: 0



|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS        | Ratio   | Det. | RSD  |
|---|--------------------------|-----------|------------|------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 38.89      | 0.0002  | P    | 33.3 |
| 2 | <input type="checkbox"/> | 2.000     |            |            |         |      |      |
| 3 | <input type="checkbox"/> | 20.000    | 17.319     | 1008.41    | 0.0058  | P    | 5.0  |
| 4 | <input type="checkbox"/> | 1000.000  | 907.188    | 52283.76   | 0.2894  | P    | 1.6  |
| 5 | <input type="checkbox"/> | 2500.000  | 2298.053   | 138858.88  | 0.7328  | P    | 0.6  |
| 6 | <input type="checkbox"/> | 5000.000  | 5002.862   | 272643.99  | 1.5951  | P    | 1.8  |
| 7 | <input type="checkbox"/> | 10000.000 | 9785.580   | 522886.53  | 3.1197  | P    | 1.4  |
| 8 | <input type="checkbox"/> | 20000.000 | 20213.095  | 1059790.11 | 6.4439  | P    | 1.7  |
| 9 | <input type="checkbox"/> | 100000.00 | 99984.657  | 5268987.31 | 31.8738 | A    | 0.3  |

$$y = 3.1878\text{E-}004 * x + 2.3155\text{E-}004$$

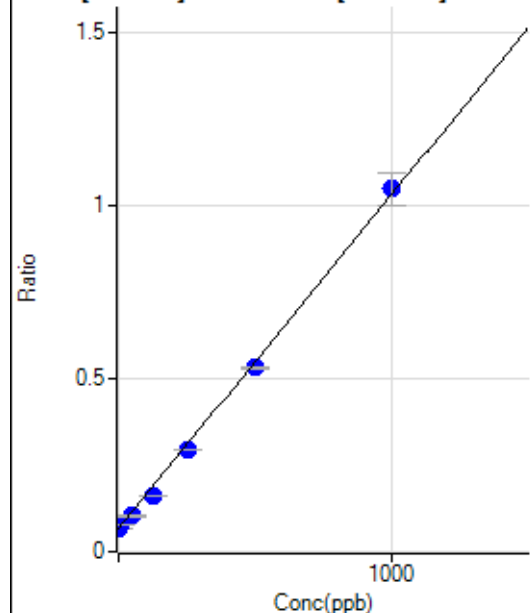
$$R = 1.0000$$

$$DL = 0.7261$$

Weight: <None>

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 263033.60  | 0.0673 | P   | 0.4 |
| 2 | <input type="checkbox"/> | 1.000    |            |            |        |     |     |
| 3 | <input type="checkbox"/> | 10.000   | 10.634     | 318312.46  | 0.0776 | P   | 0.2 |
| 4 | <input type="checkbox"/> | 50.000   | 37.326     | 456013.09  | 0.1033 | P   | 1.6 |
| 5 | <input type="checkbox"/> | 125.000  | 99.472     | 729425.82  | 0.1632 | P   | 0.6 |
| 6 | <input type="checkbox"/> | 250.000  | 235.875    | 1168691.74 | 0.2946 | P   | 1.2 |
| 7 | <input type="checkbox"/> | 500.000  | 480.736    | 2036966.34 | 0.5305 | P   | 1.6 |
| 8 | <input type="checkbox"/> | 1000.000 | 1016.982   | 3668053.43 | 1.0471 | P   | 8.9 |
| 9 | <input type="checkbox"/> |          |            | 480760.04  | 0.1253 | P   | 0.8 |

$$y = 9.6336E-004 * x + 0.0673$$

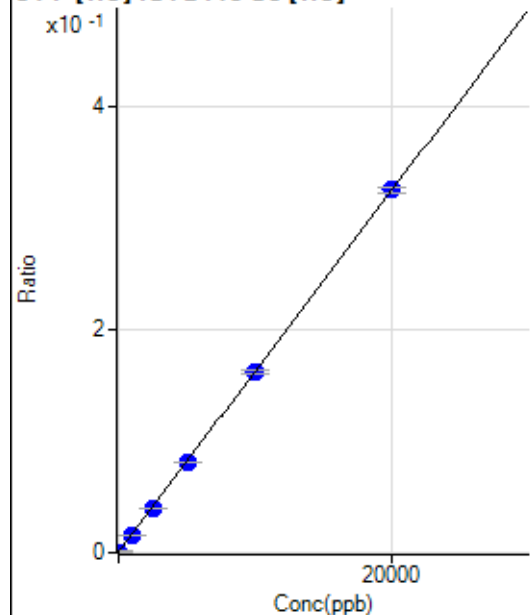
$$R = 0.9994$$

$$DL = 0.915$$

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     | -5.664     | 94.45    | 0.0006 | P   | 42.4 |
| 2 | <input type="checkbox"/> | 0.000     |            |          |        |     |      |
| 3 | <input type="checkbox"/> | 0.000     | 5.664      | 130.56   | 0.0007 | P   | 44.9 |
| 4 | <input type="checkbox"/> | 1000.000  | 925.982    | 2830.95  | 0.0157 | P   | 2.7  |
| 5 | <input type="checkbox"/> | 2500.000  | 2373.305   | 7416.04  | 0.0391 | P   | 1.4  |
| 6 | <input type="checkbox"/> | 5000.000  | 4960.752   | 13862.53 | 0.0811 | P   | 2.0  |
| 7 | <input type="checkbox"/> | 10000.000 | 9975.403   | 27223.01 | 0.1624 | P   | 1.9  |
| 8 | <input type="checkbox"/> | 20000.000 | 20041.648  | 53560.80 | 0.3257 | P   | 1.7  |
| 9 | <input type="checkbox"/> |           |            | 141.67   | 0.0009 | P   | 27.7 |

$$y = 1.6217E-005 * x + 6.5150E-004$$

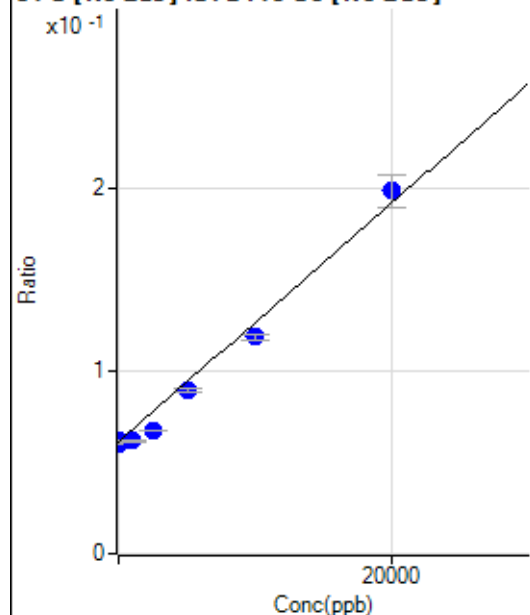
$$R = 1.0000$$

$$DL = 52.79$$

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     | 142.118    | 243815.75 | 0.0624 | P   | 0.7 |
| 2 | <input type="checkbox"/> | 0.000     |            |           |        |     |     |
| 3 | <input type="checkbox"/> | 0.000     | -142.118   | 248457.98 | 0.0606 | P   | 0.1 |
| 4 | <input type="checkbox"/> | 1000.000  | 88.890     | 274026.18 | 0.0621 | P   | 1.3 |
| 5 | <input type="checkbox"/> | 2500.000  | 913.350    | 301628.65 | 0.0675 | P   | 0.4 |
| 6 | <input type="checkbox"/> | 5000.000  | 4315.311   | 356078.33 | 0.0897 | P   | 1.3 |
| 7 | <input type="checkbox"/> | 10000.000 | 8804.772   | 457499.20 | 0.1192 | P   | 2.7 |
| 8 | <input type="checkbox"/> | 20000.000 | 21012.673  | 697502.02 | 0.1991 | P   | 8.9 |
| 9 | <input type="checkbox"/> |           |            | 207465.33 | 0.0541 | P   | 0.4 |

$$y = 6.5490\text{E-}006 * x + 0.0615$$

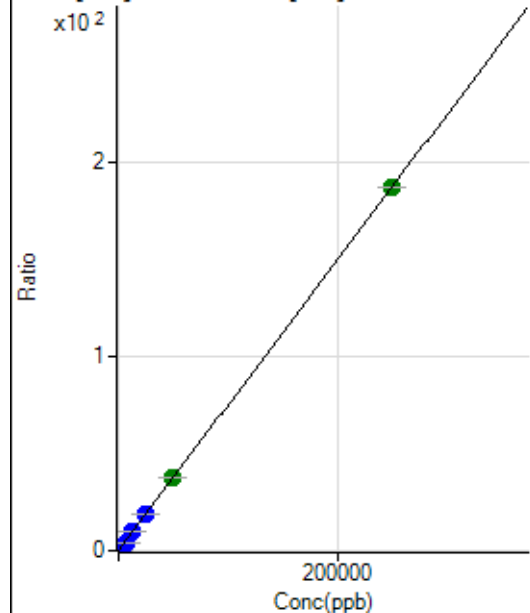
$$R = 0.9950$$

$$DL = 124.3$$

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      | 24874.52    | 0.1479   | P   | 3.7 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |          |     |     |
| 3 | <input type="checkbox"/> | 500.000   | 420.532    | 80811.72    | 0.4611   | P   | 1.3 |
| 4 | <input type="checkbox"/> | 2500.000  | 2277.200   | 333104.69   | 1.8440   | P   | 2.1 |
| 5 | <input type="checkbox"/> | 6250.000  | 5739.832   | 838084.91   | 4.4230   | P   | 0.6 |
| 6 | <input type="checkbox"/> | 12500.000 | 12561.115  | 1624463.46  | 9.5036   | P   | 1.5 |
| 7 | <input type="checkbox"/> | 25000.000 | 24771.654  | 3117331.32  | 18.5982  | P   | 0.9 |
| 8 | <input type="checkbox"/> | 50000.000 | 50259.063  | 6180956.65  | 37.5816  | A   | 1.5 |
| 9 | <input type="checkbox"/> | 250000.00 | 249983.10  | 30803566.66 | 186.3392 | A   | 0.0 |

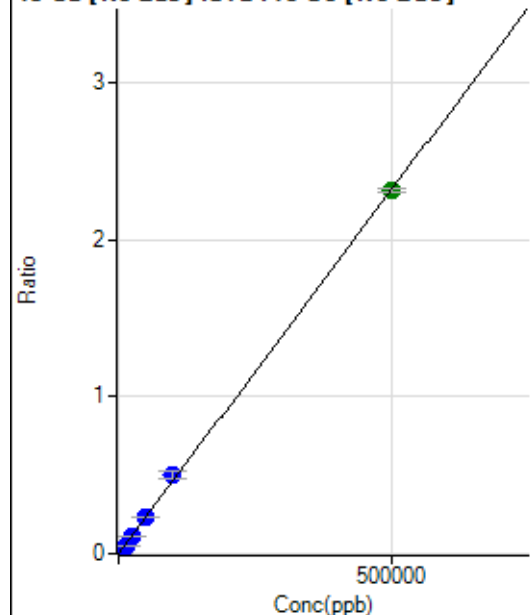
$$y = 7.4482\text{E-}004 * x + 0.1479$$

$$R = 1.0000$$

$$DL = 22.18$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|-----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 63.89      | 0.0000 | P    | 27.5 |
| 2 | <input type="checkbox"/> | 50.000    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 500.000   | 408.592    | 7849.65    | 0.0019 | P    | 6.3  |
| 4 | <input type="checkbox"/> | 5000.000  | 4478.496   | 91834.43   | 0.0208 | P    | 1.4  |
| 5 | <input type="checkbox"/> | 12500.000 | 11166.327  | 231760.84  | 0.0518 | P    | 0.4  |
| 6 | <input type="checkbox"/> | 25000.000 | 24766.911  | 456115.28  | 0.1150 | P    | 1.9  |
| 7 | <input type="checkbox"/> | 50000.000 | 49670.058  | 885311.13  | 0.2305 | P    | 1.7  |
| 8 | <input type="checkbox"/> | 100000.00 | 108519.34  | 1763760.74 | 0.5037 | P    | 9.7  |
| 9 | <input type="checkbox"/> | 500000.00 | 498379.42  | 8876363.57 | 2.3131 | A    | 1.1  |

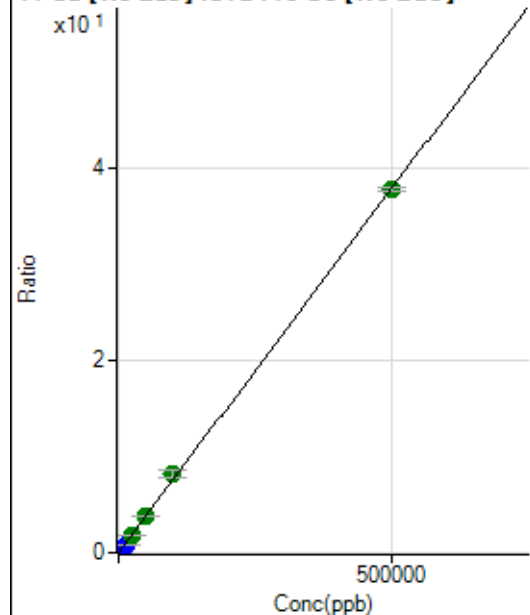
$$y = 4.6413\text{E-}006 * x + 1.6365\text{E-}005$$

$$R = 0.9998$$

$$DL = 2.906$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio   | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 3456.11     | 0.0009  | P    | 3.5 |
| 2 | <input type="checkbox"/> | 50.000    |            |             |         |      |     |
| 3 | <input type="checkbox"/> | 500.000   | 414.668    | 132425.27   | 0.0323  | P    | 0.5 |
| 4 | <input type="checkbox"/> | 5000.000  | 4444.138   | 1489195.41  | 0.3373  | P    | 1.4 |
| 5 | <input type="checkbox"/> | 12500.000 | 11212.265  | 3798673.48  | 0.8497  | P    | 0.7 |
| 6 | <input type="checkbox"/> | 25000.000 | 24642.224  | 7404972.13  | 1.8665  | A    | 1.6 |
| 7 | <input type="checkbox"/> | 50000.000 | 49341.323  | 14347600.49 | 3.7363  | A    | 1.7 |
| 8 | <input type="checkbox"/> | 100000.00 | 108378.28  | 28736184.32 | 8.2058  | A    | 9.6 |
| 9 | <input type="checkbox"/> | 500000.00 | 498445.93  | 144809081.0 | 37.7364 | A    | 1.2 |

$$y = 7.5706\text{E-}005 * x + 8.8483\text{E-}004$$

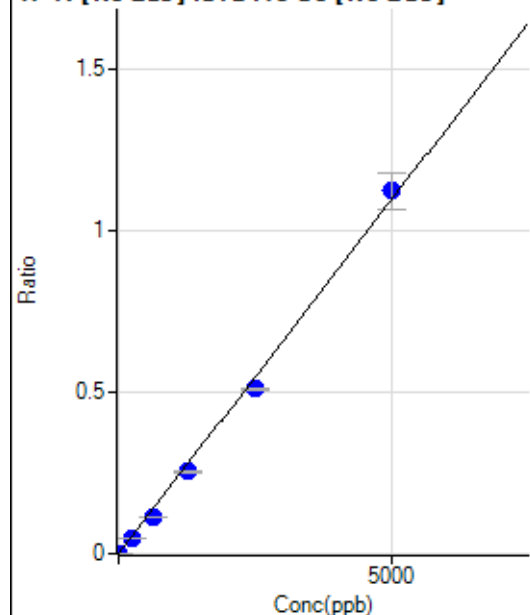
$$R = 0.9998$$

$$DL = 1.235$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 58.34      | 0.0000 | P    | 0.4 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 5.000    | 4.157      | 3795.08    | 0.0009 | P    | 2.5 |
| 4 | <input type="checkbox"/> | 250.000  | 207.543    | 200654.32  | 0.0455 | P    | 1.4 |
| 5 | <input type="checkbox"/> | 625.000  | 521.519    | 510485.36  | 0.1142 | P    | 0.5 |
| 6 | <input type="checkbox"/> | 1250.000 | 1155.972   | 1004129.94 | 0.2531 | P    | 1.2 |
| 7 | <input type="checkbox"/> | 2500.000 | 2323.900   | 1953731.94 | 0.5088 | P    | 1.8 |
| 8 | <input type="checkbox"/> | 5000.000 | 5126.616   | 3929790.88 | 1.1224 | P    | 9.9 |
| 9 | <input type="checkbox"/> |          |            | 2636.46    | 0.0007 | P    | 6.3 |

$$y = 2.1893\text{E-}004 * x + 1.4936\text{E-}005$$

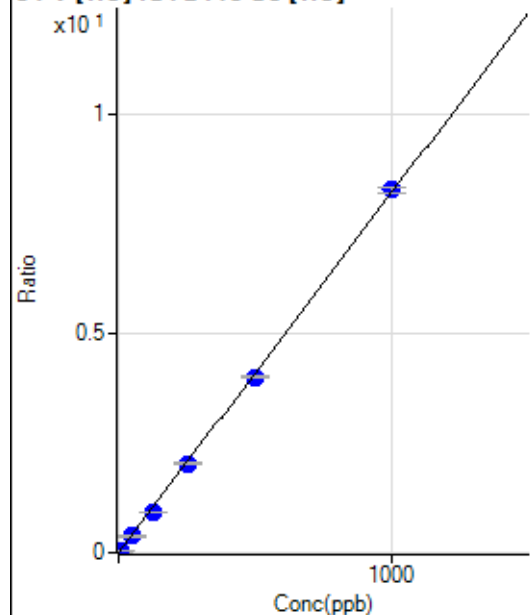
$$R = 0.9988$$

$$DL = 0.0008868$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 6.67       | 0.0000 | P    | 50.9 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.145      | 5976.85    | 0.0341 | P    | 2.4  |
| 4 | <input type="checkbox"/> | 50.000   | 45.503     | 67546.11   | 0.3739 | P    | 1.4  |
| 5 | <input type="checkbox"/> | 125.000  | 114.119    | 177672.64  | 0.9377 | P    | 0.9  |
| 6 | <input type="checkbox"/> | 250.000  | 247.280    | 347310.92  | 2.0318 | P    | 1.0  |
| 7 | <input type="checkbox"/> | 500.000  | 487.829    | 671842.69  | 4.0083 | P    | 0.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 1008.355   | 1362642.90 | 8.2851 | P    | 1.3  |
| 9 | <input type="checkbox"/> |          |            | 828.93     | 0.0050 | P    | 8.2  |

$$y = 0.0082 * x + 3.9772\text{E-}005$$

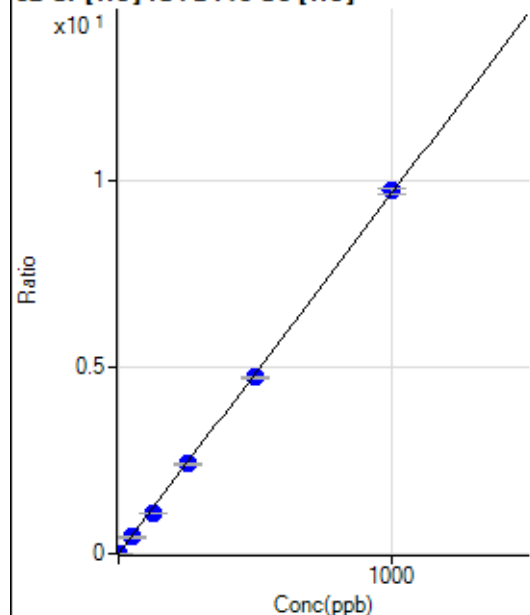
$$R = 0.9999$$

$$DL = 0.007398$$

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      | 174.45     | 0.0010 | P    | 9.3 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |        |      |     |
| 3 | <input type="checkbox"/> | 2.000    | 1.839      | 3300.42    | 0.0188 | P    | 2.3 |
| 4 | <input type="checkbox"/> | 50.000   | 45.405     | 79529.62   | 0.4403 | P    | 3.2 |
| 5 | <input type="checkbox"/> | 125.000  | 113.749    | 208706.68  | 1.1015 | P    | 0.6 |
| 6 | <input type="checkbox"/> | 250.000  | 248.708    | 411451.61  | 2.4071 | P    | 1.4 |
| 7 | <input type="checkbox"/> | 500.000  | 489.117    | 793231.00  | 4.7329 | P    | 1.8 |
| 8 | <input type="checkbox"/> | 1000.000 | 1007.401   | 1603071.85 | 9.7468 | P    | 1.6 |
| 9 | <input type="checkbox"/> |          |            | 71762.45   | 0.4341 | P    | 1.1 |

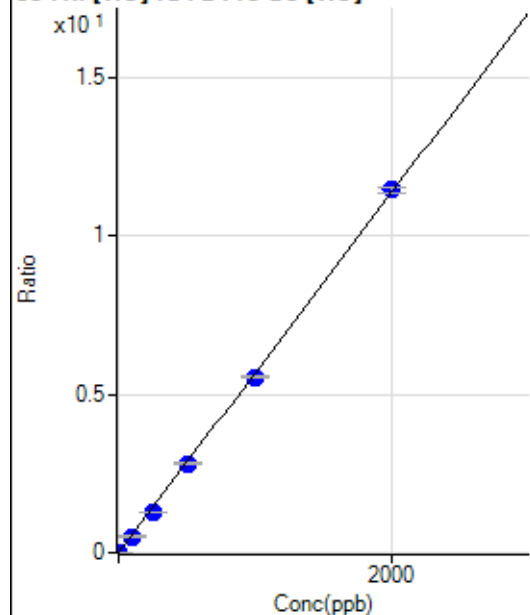
$$y = 0.0097 * x + 0.0010$$

$$R = 0.9999$$

$$DL = 0.02978$$

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      | 44.44      | 0.0003  | P    | 10.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |         |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.816      | 858.93     | 0.0049  | P    | 10.2 |
| 4 | <input type="checkbox"/> | 100.000  | 90.166     | 92680.62   | 0.5130  | P    | 1.8  |
| 5 | <input type="checkbox"/> | 250.000  | 227.179    | 244867.48  | 1.2923  | P    | 1.0  |
| 6 | <input type="checkbox"/> | 500.000  | 494.088    | 480339.26  | 2.8102  | P    | 1.9  |
| 7 | <input type="checkbox"/> | 1000.000 | 976.888    | 931202.62  | 5.5559  | P    | 1.5  |
| 8 | <input type="checkbox"/> | 2000.000 | 2016.379   | 1886090.08 | 11.4676 | P    | 1.3  |
| 9 | <input type="checkbox"/> |          |            | 9887.92    | 0.0598  | P    | 1.6  |

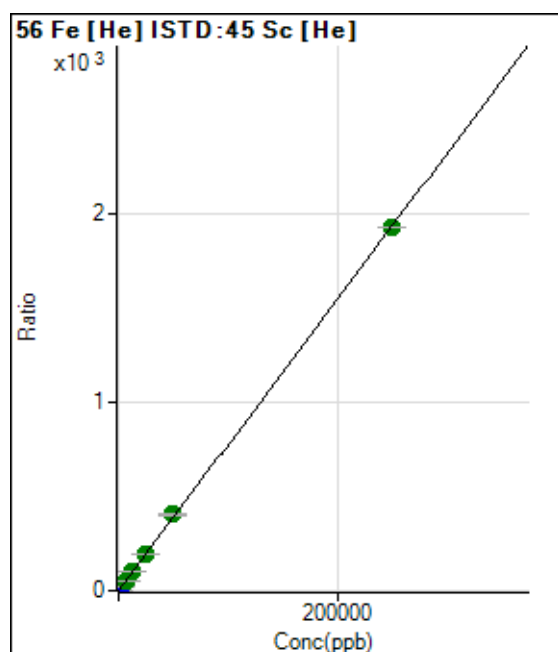
$$y = 0.0057 * x + 2.6395E-004$$

$$R = 0.9999$$

$$DL = 0.01471$$

Weight: &lt;None&gt;

Min Conc: 0



|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS         | Ratio     | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|-----------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 2889.26     | 0.0172    | P    | 5.0 |
| 2 | <input type="checkbox"/> | 5.000     |            |             |           |      |     |
| 3 | <input type="checkbox"/> | 50.000    | 45.026     | 63918.72    | 0.3647    | P    | 1.8 |
| 4 | <input type="checkbox"/> | 2500.000  | 2402.562   | 3352721.11  | 18.5597   | P    | 1.7 |
| 5 | <input type="checkbox"/> | 6250.000  | 5968.702   | 8731975.37  | 46.0824   | A    | 0.5 |
| 6 | <input type="checkbox"/> | 12500.000 | 13023.399  | 17183228.85 | 100.5291  | A    | 1.9 |
| 7 | <input type="checkbox"/> | 25000.000 | 25576.160  | 33087625.28 | 197.4088  | A    | 1.3 |
| 8 | <input type="checkbox"/> | 50000.000 | 52672.642  | 66858838.07 | 406.5339  | A    | 2.1 |
| 9 | <input type="checkbox"/> | 250000.00 | 249389.69  | 318178544.1 | 1,924.756 | A    | 0.2 |

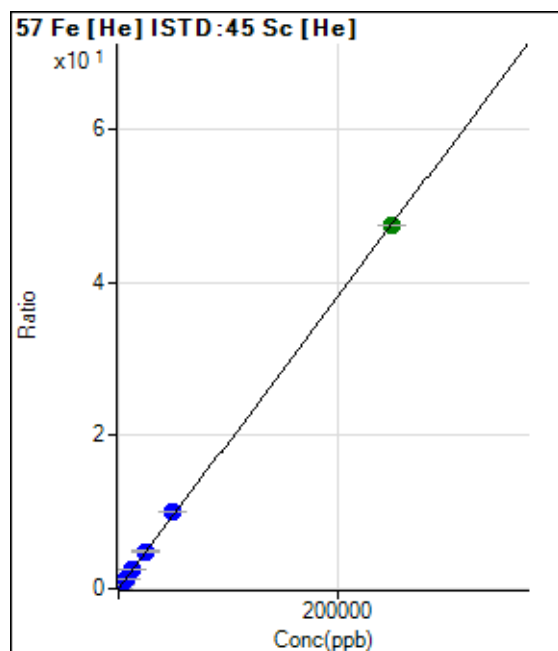
$$y = 0.0077 * x + 0.0172$$

$$R = 0.9999$$

$$DL = 0.3309$$

Weight: <None>

Min Conc: 0



|   | R <sub>ct</sub>          | Conc.     | Calc Conc. | CPS        | Ratio   | Det. | RSD  |
|---|--------------------------|-----------|------------|------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 353.72     | 0.0021  | P    | 13.5 |
| 2 | <input type="checkbox"/> | 5.000     |            |            |         |      |      |
| 3 | <input type="checkbox"/> | 50.000    | 43.381     | 1813.13    | 0.0103  | P    | 7.4  |
| 4 | <input type="checkbox"/> | 2500.000  | 2397.590   | 82712.12   | 0.4579  | P    | 1.7  |
| 5 | <input type="checkbox"/> | 6250.000  | 6027.510   | 217512.13  | 1.1479  | P    | 0.9  |
| 6 | <input type="checkbox"/> | 12500.000 | 13091.288  | 425722.47  | 2.4907  | P    | 2.1  |
| 7 | <input type="checkbox"/> | 25000.000 | 25748.825  | 820750.61  | 4.8968  | P    | 1.3  |
| 8 | <input type="checkbox"/> | 50000.000 | 52997.176  | 1657246.80 | 10.0766 | P    | 1.6  |
| 9 | <input type="checkbox"/> | 250000.00 | 249302.70  | 7834580.67 | 47.3934 | A    | 0.2  |

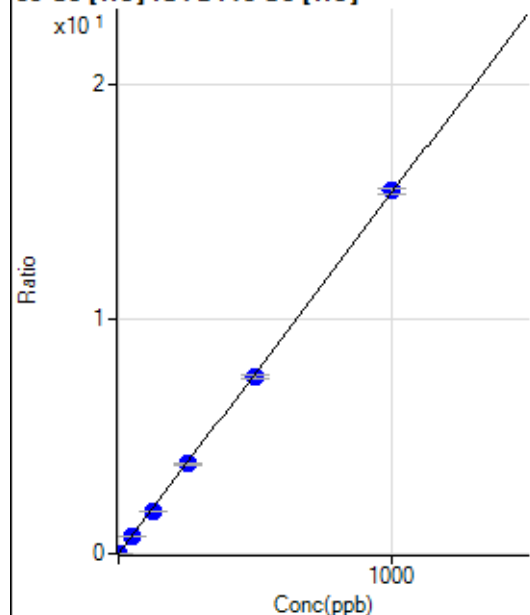
$$y = 1.9010E-004 * x + 0.0021$$

$$R = 0.9999$$

$$DL = 4.489$$

Weight: <None>

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio   | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|---------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 120.01     | 0.0007  | P        | 10.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |         |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.875      | 2483.59    | 0.0142  | P        | 2.3  |
| 4 | <input type="checkbox"/> | 50.000   | 46.243     | 128635.62  | 0.7121  | P        | 2.8  |
| 5 | <input type="checkbox"/> | 125.000  | 115.726    | 337479.77  | 1.7810  | P        | 0.5  |
| 6 | <input type="checkbox"/> | 250.000  | 249.768    | 656902.05  | 3.8431  | P        | 1.7  |
| 7 | <input type="checkbox"/> | 500.000  | 489.569    | 1262398.14 | 7.5322  | P        | 1.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 1006.620   | 2546954.27 | 15.4864 | P        | 1.7  |
| 9 | <input type="checkbox"/> |          |            | 4733.07    | 0.0286  | P        | 1.0  |

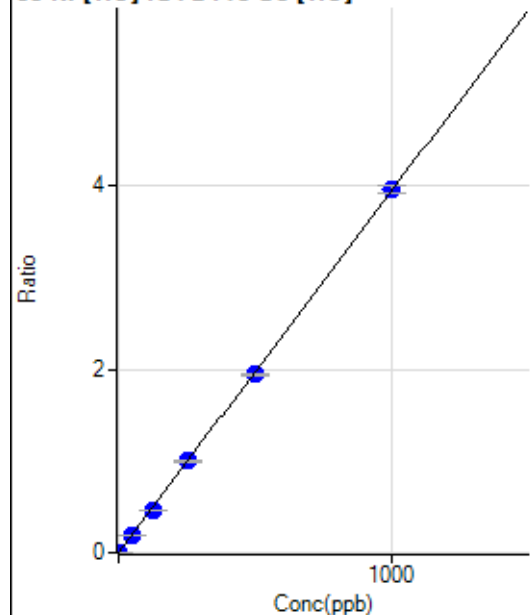
$$y = 0.0154 * x + 7.1362E-004$$

$$R = 0.9999$$

$$DL = 0.01478$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 103.34    | 0.0006 | P        | 25.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.900      | 730.03    | 0.0042 | P        | 4.8  |
| 4 | <input type="checkbox"/> | 50.000   | 47.335     | 33839.17  | 0.1873 | P        | 1.8  |
| 5 | <input type="checkbox"/> | 125.000  | 117.289    | 87779.46  | 0.4632 | P        | 0.7  |
| 6 | <input type="checkbox"/> | 250.000  | 254.293    | 171553.04 | 1.0036 | P        | 1.7  |
| 7 | <input type="checkbox"/> | 500.000  | 493.403    | 326309.24 | 1.9468 | P        | 0.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 1003.322   | 650952.80 | 3.9581 | P        | 2.0  |
| 9 | <input type="checkbox"/> |          |            | 18444.05  | 0.1116 | P        | 2.3  |

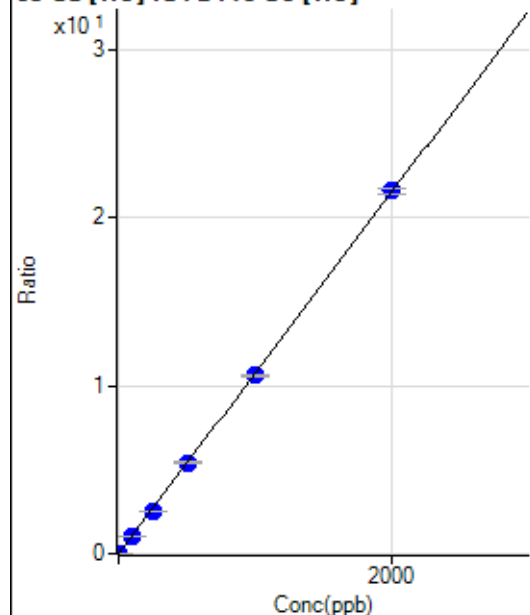
$$y = 0.0039 * x + 6.1434E-004$$

$$R = 0.9999$$

$$DL = 0.1187$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio   | Det | RSD  |
|---|--------------------------|----------|------------|------------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 371.12     | 0.0022  | P   | 12.0 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |         |     |      |
| 3 | <input type="checkbox"/> | 2.000    | 1.715      | 3613.83    | 0.0206  | P   | 3.2  |
| 4 | <input type="checkbox"/> | 100.000  | 93.842     | 182480.80  | 1.0102  | P   | 1.4  |
| 5 | <input type="checkbox"/> | 250.000  | 234.353    | 477378.10  | 2.5194  | P   | 0.4  |
| 6 | <input type="checkbox"/> | 500.000  | 504.049    | 925773.94  | 5.4162  | P   | 1.9  |
| 7 | <input type="checkbox"/> | 1000.000 | 986.491    | 1776365.67 | 10.5980 | P   | 1.0  |
| 8 | <input type="checkbox"/> | 2000.000 | 2008.006   | 3547571.55 | 21.5701 | P   | 1.4  |
| 9 | <input type="checkbox"/> |          |            | 8152.40    | 0.0493  | P   | 1.8  |

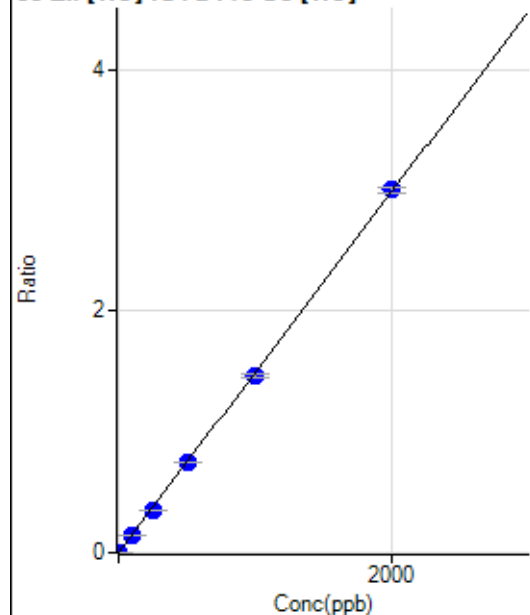
$$y = 0.0107 * x + 0.0022$$

$$R = 0.9999$$

$$DL = 0.074$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 124.45    | 0.0007 | P   | 22.6 |
| 2 | <input type="checkbox"/> | 0.200    |            |           |        |     |      |
| 3 | <input type="checkbox"/> | 2.000    | 2.142      | 690.03    | 0.0039 | P   | 4.4  |
| 4 | <input type="checkbox"/> | 100.000  | 93.049     | 25221.95  | 0.1396 | P   | 1.9  |
| 5 | <input type="checkbox"/> | 250.000  | 232.832    | 65990.47  | 0.3483 | P   | 1.2  |
| 6 | <input type="checkbox"/> | 500.000  | 501.114    | 127976.54 | 0.7487 | P   | 1.6  |
| 7 | <input type="checkbox"/> | 1000.000 | 982.938    | 246021.61 | 1.4679 | P   | 1.7  |
| 8 | <input type="checkbox"/> | 2000.000 | 2010.746   | 493739.58 | 3.0019 | P   | 1.5  |
| 9 | <input type="checkbox"/> |          |            | 2895.89   | 0.0175 | P   | 2.0  |

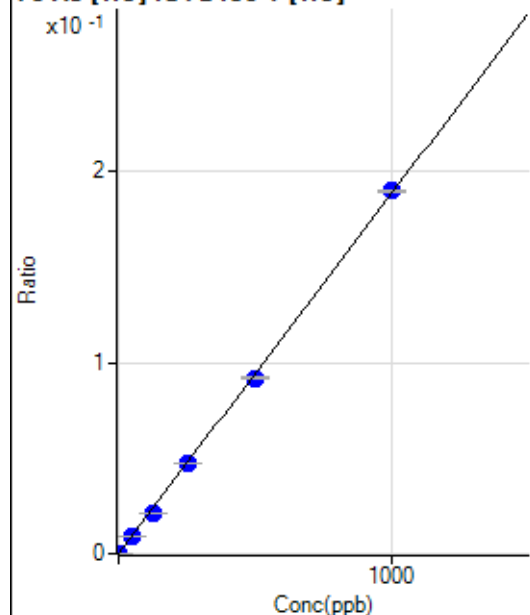
$$y = 0.0015 * x + 7.3976E-004$$

$$R = 0.9999$$

$$DL = 0.3355$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 3.70      | 0.0000 | P        | 50.6 |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.952      | 185.19    | 0.0002 | P        | 7.2  |
| 4 | <input type="checkbox"/> | 50.000   | 46.271     | 9091.79   | 0.0087 | P        | 2.3  |
| 5 | <input type="checkbox"/> | 125.000  | 113.974    | 23627.26  | 0.0215 | P        | 1.1  |
| 6 | <input type="checkbox"/> | 250.000  | 250.647    | 46672.14  | 0.0473 | P        | 0.8  |
| 7 | <input type="checkbox"/> | 500.000  | 488.324    | 89465.95  | 0.0921 | P        | 1.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 1007.241   | 181433.48 | 0.1899 | P        | 0.5  |
| 9 | <input type="checkbox"/> |          |            | 104.94    | 0.0001 | P        | 16.6 |

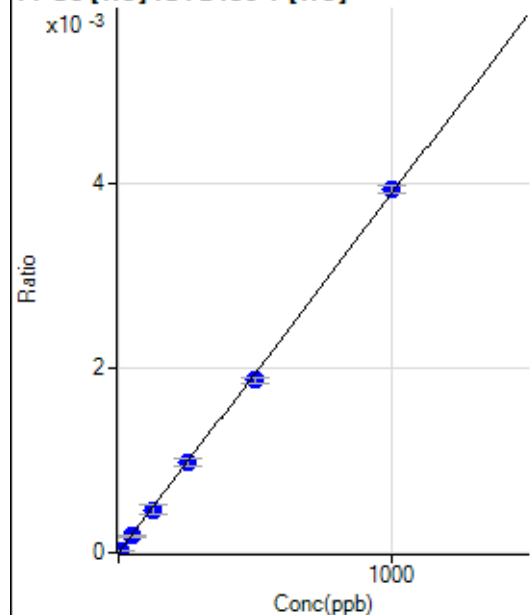
$$y = 1.8856E-004 * x + 3.7795E-006$$

$$R = 0.9999$$

$$DL = 0.0304$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS     | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|---------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 0.00    | 0.0000 | P        |      |
| 2 | <input type="checkbox"/> | 0.500    |            |         |        |          |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.809      | 18.89   | 0.0000 | P        | 36.6 |
| 4 | <input type="checkbox"/> | 50.000   | 47.731     | 193.34  | 0.0002 | P        | 10.1 |
| 5 | <input type="checkbox"/> | 125.000  | 120.146    | 513.35  | 0.0005 | P        | 19.3 |
| 6 | <input type="checkbox"/> | 250.000  | 250.052    | 960.05  | 0.0010 | P        | 7.8  |
| 7 | <input type="checkbox"/> | 500.000  | 479.705    | 1812.36 | 0.0019 | P        | 3.8  |
| 8 | <input type="checkbox"/> | 1000.000 | 1010.856   | 3753.88 | 0.0039 | P        | 2.2  |
| 9 | <input type="checkbox"/> |          |            | 4.45    | 0.0000 | P        | 86.6 |

$$y = 3.8877E-006 * x + 0.0000E+000$$

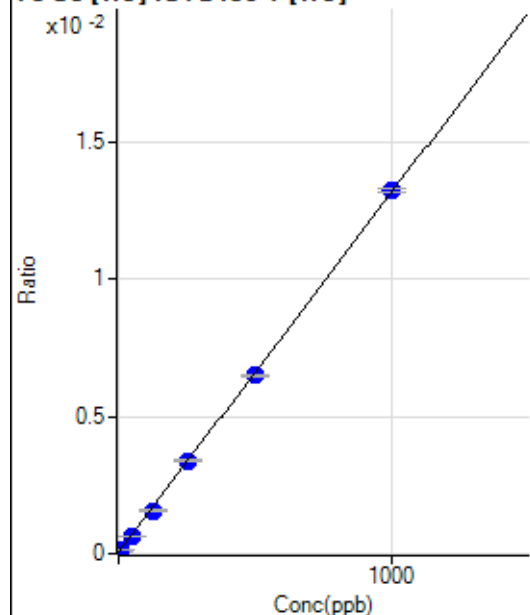
$$R = 0.9997$$

$$DL = 0$$

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      | 59.88    | 0.0001 | P   | 8.8  |
| 2 | <input type="checkbox"/> | 0.500    |            |          |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 3.977      | 114.20   | 0.0001 | P   | 4.8  |
| 4 | <input type="checkbox"/> | 50.000   | 43.794     | 661.75   | 0.0006 | P   | 5.4  |
| 5 | <input type="checkbox"/> | 125.000  | 114.317    | 1714.93  | 0.0016 | P   | 3.6  |
| 6 | <input type="checkbox"/> | 250.000  | 254.651    | 3357.83  | 0.0034 | P   | 3.3  |
| 7 | <input type="checkbox"/> | 500.000  | 491.635    | 6324.26  | 0.0065 | P   | 0.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 1004.670   | 12643.86 | 0.0132 | P   | 1.0  |
| 9 | <input type="checkbox"/> |          |            | 51.85    | 0.0001 | P   | 34.4 |

$$y = 1.3114\text{E-}005 * x + 6.0882\text{E-}005$$

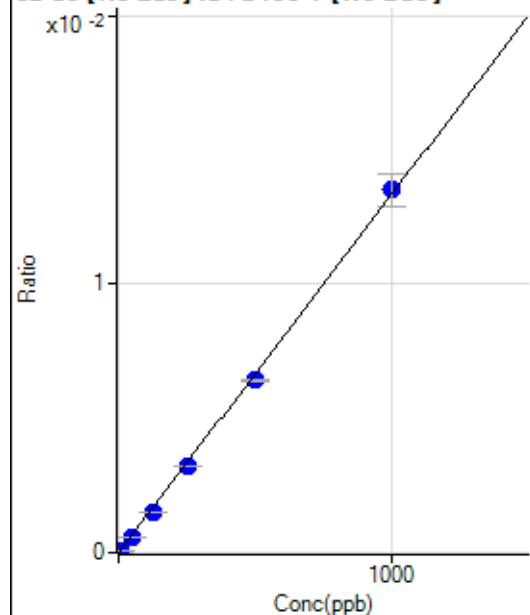
$$R = 0.9999$$

$$DL = 1.226$$

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      | 5.06     | 0.0000 | P   | 477. |
| 2 | <input type="checkbox"/> | 0.500    |            |          |        |     |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.520      | 414.41   | 0.0001 | P   | 3.7  |
| 4 | <input type="checkbox"/> | 50.000   | 44.036     | 4267.10  | 0.0006 | P   | 1.1  |
| 5 | <input type="checkbox"/> | 125.000  | 111.878    | 11021.49 | 0.0015 | P   | 1.2  |
| 6 | <input type="checkbox"/> | 250.000  | 241.595    | 21325.00 | 0.0032 | P   | 1.1  |
| 7 | <input type="checkbox"/> | 500.000  | 481.271    | 41504.07 | 0.0064 | P   | 1.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 1013.407   | 80606.90 | 0.0135 | P   | 8.8  |
| 9 | <input type="checkbox"/> |          |            | 110.79   | 0.0000 | P   | 13.0 |

$$y = 1.3331\text{E-}005 * x + 7.8933\text{E-}007$$

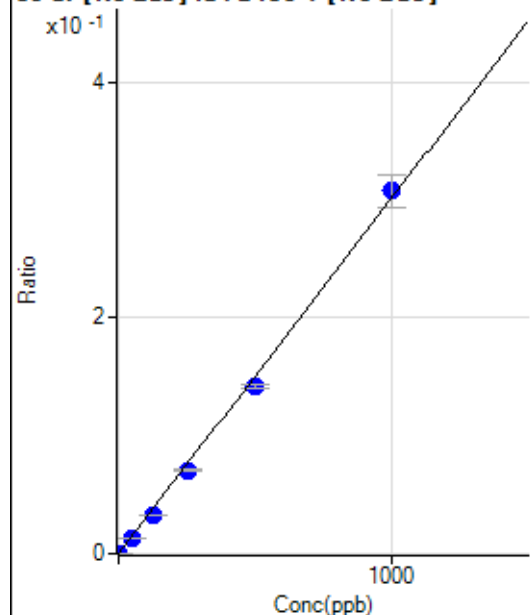
$$R = 0.9997$$

$$DL = 0.8486$$

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 | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 486.14     | 0.0001 | P   | 16.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.778      | 2105.80    | 0.0003 | P   | 4.7  |
| 4 | <input type="checkbox"/> | 50.000   | 42.306     | 93002.91   | 0.0128 | P   | 0.9  |
| 5 | <input type="checkbox"/> | 125.000  | 106.282    | 236891.45  | 0.0321 | P   | 1.3  |
| 6 | <input type="checkbox"/> | 250.000  | 234.334    | 467506.39  | 0.0706 | P   | 1.5  |
| 7 | <input type="checkbox"/> | 500.000  | 471.295    | 918312.71  | 0.1420 | P   | 1.6  |
| 8 | <input type="checkbox"/> | 1000.000 | 1020.994   | 1834103.82 | 0.3075 | P   | 9.1  |
| 9 | <input type="checkbox"/> |          |            | 64531.99   | 0.0101 | P   | 3.5  |

$$y = 3.0107\text{E-}004 * x + 7.5807\text{E-}005$$

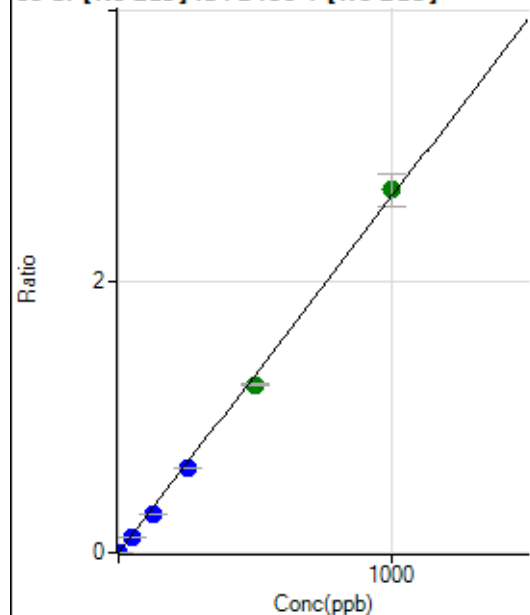
$$R = 0.9992$$

$$DL = 0.1213$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 47.22       | 0.0000 | P   | 44.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |     |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.835      | 14941.64    | 0.0022 | P   | 1.2  |
| 4 | <input type="checkbox"/> | 50.000   | 42.712     | 814160.23   | 0.1122 | P   | 1.6  |
| 5 | <input type="checkbox"/> | 125.000  | 107.146    | 2078201.07  | 0.2814 | P   | 0.9  |
| 6 | <input type="checkbox"/> | 250.000  | 238.169    | 4140082.99  | 0.6254 | P   | 1.3  |
| 7 | <input type="checkbox"/> | 500.000  | 472.659    | 8028553.39  | 1.2412 | A   | 1.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 1019.224   | 15968942.54 | 2.6765 | A   | 8.7  |
| 9 | <input type="checkbox"/> |          |            | 561092.53   | 0.0879 | P   | 1.6  |

$$y = 0.0026 * x + 7.3640\text{E-}006$$

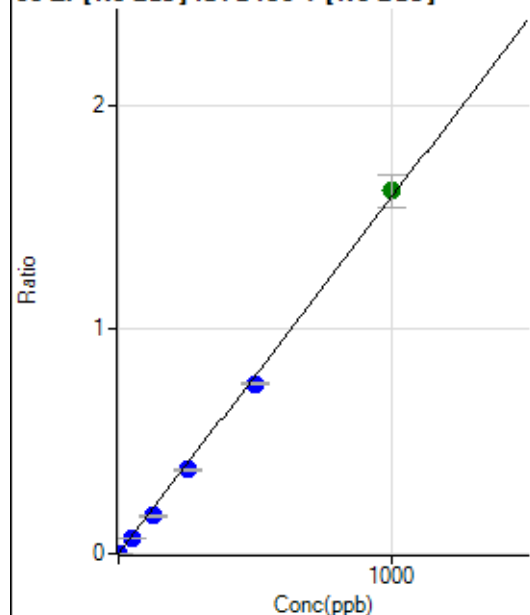
$$R = 0.9993$$

$$DL = 0.003727$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 566.71     | 0.0001 | P        | 4.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |          |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.837      | 9637.00    | 0.0014 | P        | 1.7 |
| 4 | <input type="checkbox"/> | 50.000   | 42.087     | 486164.69  | 0.0670 | P        | 1.6 |
| 5 | <input type="checkbox"/> | 125.000  | 105.497    | 1239085.43 | 0.1678 | P        | 0.8 |
| 6 | <input type="checkbox"/> | 250.000  | 235.274    | 2475914.20 | 0.3740 | P        | 1.4 |
| 7 | <input type="checkbox"/> | 500.000  | 476.956    | 4903996.94 | 0.7582 | P        | 1.8 |
| 8 | <input type="checkbox"/> | 1000.000 | 1018.037   | 9654314.37 | 1.6182 | A        | 8.8 |
| 9 | <input type="checkbox"/> |          |            | 4300.84    | 0.0007 | P        | 5.5 |

$$y = 0.0016 * x + 8.8387E-005$$

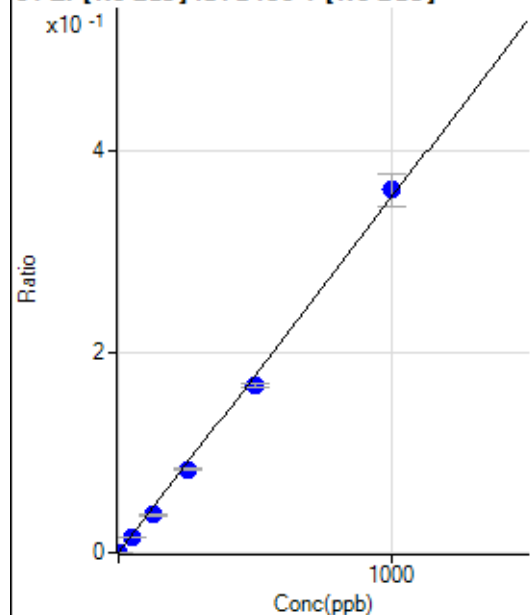
$$R = 0.9994$$

$$DL = 0.006759$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 108.34     | 0.0000 | P        | 46.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.802      | 2044.67    | 0.0003 | P        | 8.0  |
| 4 | <input type="checkbox"/> | 50.000   | 42.248     | 108721.69  | 0.0150 | P        | 2.6  |
| 5 | <input type="checkbox"/> | 125.000  | 105.702    | 276628.36  | 0.0375 | P        | 0.4  |
| 6 | <input type="checkbox"/> | 250.000  | 234.898    | 550778.93  | 0.0832 | P        | 1.4  |
| 7 | <input type="checkbox"/> | 500.000  | 470.840    | 1078669.80 | 0.1668 | P        | 2.1  |
| 8 | <input type="checkbox"/> | 1000.000 | 1021.155   | 2157829.21 | 0.3617 | P        | 8.7  |
| 9 | <input type="checkbox"/> |          |            | 894.51     | 0.0001 | P        | 10.1 |

$$y = 3.5416E-004 * x + 1.6913E-005$$

$$R = 0.9992$$

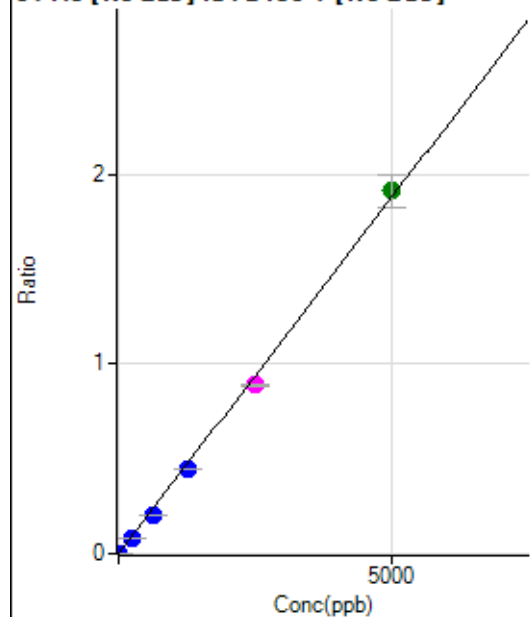
$$DL = 0.06654$$

Weight: &lt;None&gt;

Min Conc: 0



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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 180.57      | 0.0000 | P    | 30.8 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.139      | 10735.06    | 0.0016 | P    | 2.4  |
| 4 | <input type="checkbox"/> | 250.000  | 212.321    | 578442.36   | 0.0797 | P    | 1.2  |
| 5 | <input type="checkbox"/> | 625.000  | 536.865    | 1487983.96  | 0.2015 | P    | 0.9  |
| 6 | <input type="checkbox"/> | 1250.000 | 1190.536   | 2957054.32  | 0.4467 | P    | 1.7  |
| 7 | <input type="checkbox"/> | 2500.000 | 2367.399   | 5746048.91  | 0.8883 | M    | 1.3  |
| 8 | <input type="checkbox"/> | 5000.000 | 5094.068   | 11404034.89 | 1.9114 | A    | 8.7  |
| 9 | <input type="checkbox"/> |          |            | 15230.96    | 0.0024 | P    | 3.3  |

$$y = 3.7521\text{E-}004 * x + 2.8165\text{E-}005$$

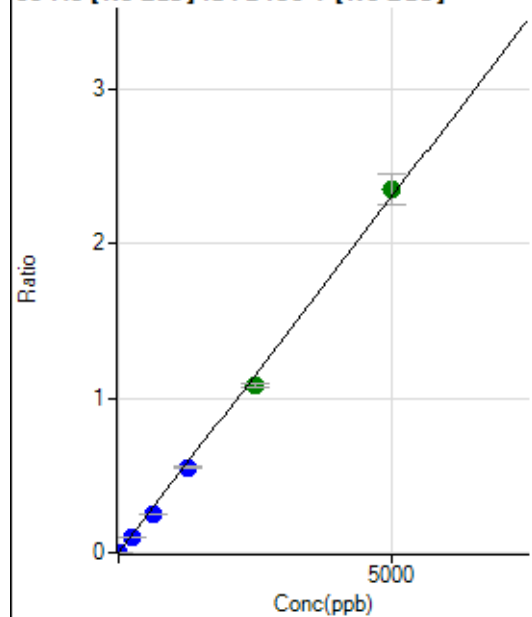
$$R = 0.9993$$

$$DL = 0.0693$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 33.33       | 0.0000 | P    | 24.8 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.104      | 12842.46    | 0.0019 | P    | 0.4  |
| 4 | <input type="checkbox"/> | 250.000  | 212.364    | 708424.72   | 0.0976 | P    | 1.7  |
| 5 | <input type="checkbox"/> | 625.000  | 535.321    | 1817143.22  | 0.2460 | P    | 0.5  |
| 6 | <input type="checkbox"/> | 1250.000 | 1195.128   | 3635743.48  | 0.5493 | P    | 1.6  |
| 7 | <input type="checkbox"/> | 2500.000 | 2354.096   | 6997954.84  | 1.0819 | A    | 1.9  |
| 8 | <input type="checkbox"/> | 5000.000 | 5099.763   | 13984501.18 | 2.3438 | A    | 8.6  |
| 9 | <input type="checkbox"/> |          |            | 24519.10    | 0.0038 | P    | 0.9  |

$$y = 4.5958\text{E-}004 * x + 5.1967\text{E-}006$$

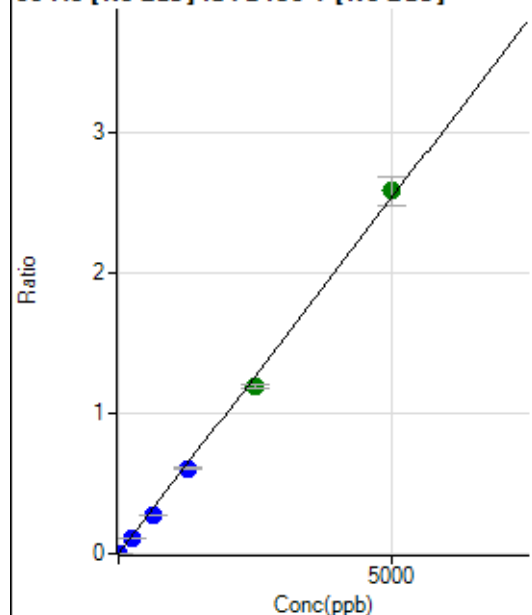
$$R = 0.9992$$

$$DL = 0.008417$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 66.67       | 0.0000 | P    | 21.7 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.031      | 13951.78    | 0.0021 | P    | 3.2  |
| 4 | <input type="checkbox"/> | 250.000  | 212.554    | 782547.33   | 0.1078 | P    | 1.7  |
| 5 | <input type="checkbox"/> | 625.000  | 537.402    | 2013245.36  | 0.2726 | P    | 0.5  |
| 6 | <input type="checkbox"/> | 1250.000 | 1194.302   | 4009615.89  | 0.6058 | P    | 1.6  |
| 7 | <input type="checkbox"/> | 2500.000 | 2355.181   | 7726442.53  | 1.1945 | A    | 2.1  |
| 8 | <input type="checkbox"/> | 5000.000 | 5099.157   | 15434138.71 | 2.5863 | A    | 8.3  |
| 9 | <input type="checkbox"/> |          |            | 29559.45    | 0.0046 | P    | 3.4  |

$$y = 5.0719\text{E-}004 * x + 1.0399\text{E-}005$$

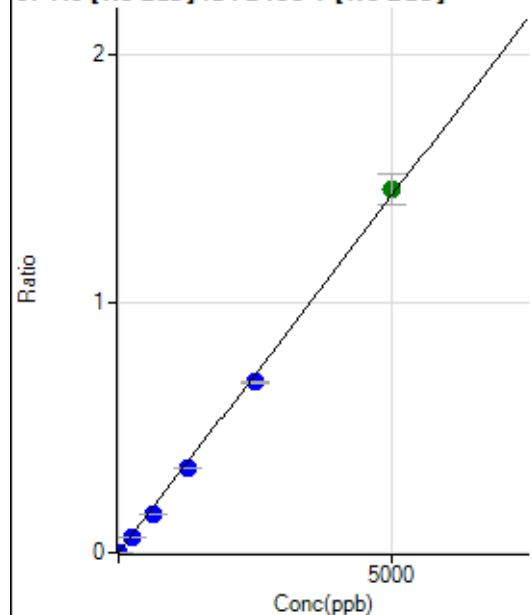
$$R = 0.9993$$

$$DL = 0.01337$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 25.00      | 0.0000 | P    | 66.6 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.014      | 7821.93    | 0.0012 | P    | 4.7  |
| 4 | <input type="checkbox"/> | 250.000  | 211.753    | 439535.83  | 0.0606 | P    | 1.3  |
| 5 | <input type="checkbox"/> | 625.000  | 534.793    | 1129576.15 | 0.1529 | P    | 0.5  |
| 6 | <input type="checkbox"/> | 1250.000 | 1186.757   | 2246369.49 | 0.3394 | P    | 1.6  |
| 7 | <input type="checkbox"/> | 2500.000 | 2386.904   | 4414973.36 | 0.6826 | P    | 1.7  |
| 8 | <input type="checkbox"/> | 5000.000 | 5085.548   | 8677299.15 | 1.4543 | A    | 8.6  |
| 9 | <input type="checkbox"/> |          |            | 15311.64   | 0.0024 | P    | 5.1  |

$$y = 2.8596\text{E-}004 * x + 3.9004\text{E-}006$$

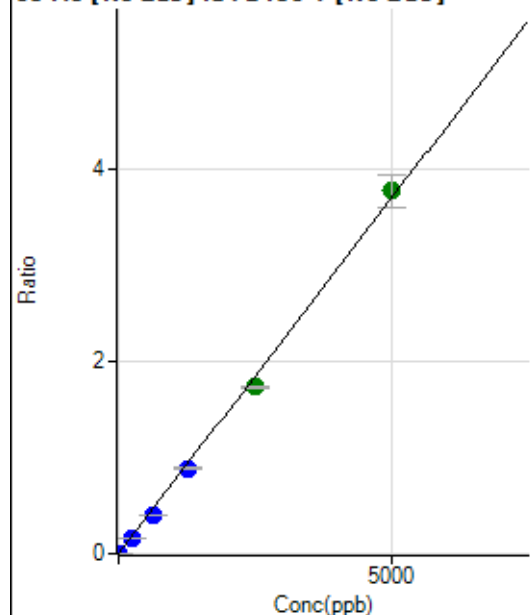
$$R = 0.9995$$

$$DL = 0.02726$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 33.33       | 0.0000 | P        | 25.3 |
| 2 | <input type="checkbox"/> | 0.500    |            |             |        |          |      |
| 3 | <input type="checkbox"/> | 5.000    | 3.993      | 20051.00    | 0.0030 | P        | 1.2  |
| 4 | <input type="checkbox"/> | 250.000  | 211.549    | 1133301.54  | 0.1561 | P        | 1.5  |
| 5 | <input type="checkbox"/> | 625.000  | 533.779    | 2909870.96  | 0.3940 | P        | 0.5  |
| 6 | <input type="checkbox"/> | 1250.000 | 1202.876   | 5876378.04  | 0.8878 | P        | 1.7  |
| 7 | <input type="checkbox"/> | 2500.000 | 2344.940   | 11194882.37 | 1.7307 | A        | 1.4  |
| 8 | <input type="checkbox"/> | 5000.000 | 5102.637   | 22468820.12 | 3.7660 | A        | 8.8  |
| 9 | <input type="checkbox"/> |          |            | 38449.89    | 0.0060 | P        | 2.4  |

$$y = 7.3805E-004 * x + 5.2014E-006$$

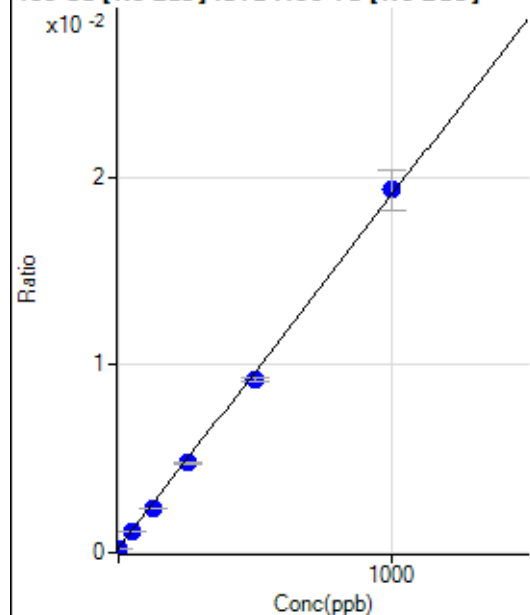
$$R = 0.9992$$

$$DL = 0.005354$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1791.87   | 0.0002 | P        | 6.4  |
| 2 | <input type="checkbox"/> | 0.100    |            |           |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | -0.013     | 1897.44   | 0.0002 | P        | 5.0  |
| 4 | <input type="checkbox"/> | 50.000   | 46.507     | 9395.19   | 0.0011 | P        | 2.1  |
| 5 | <input type="checkbox"/> | 125.000  | 112.489    | 20593.57  | 0.0024 | P        | 1.9  |
| 6 | <input type="checkbox"/> | 250.000  | 241.498    | 38197.09  | 0.0048 | P        | 1.7  |
| 7 | <input type="checkbox"/> | 500.000  | 478.337    | 73315.00  | 0.0092 | P        | 2.4  |
| 8 | <input type="checkbox"/> | 1000.000 | 1014.696   | 141830.76 | 0.0193 | P        | 10.8 |
| 9 | <input type="checkbox"/> |          |            | 1686.29   | 0.0002 | P        | 2.5  |

$$y = 1.8817E-005 * x + 2.4459E-004$$

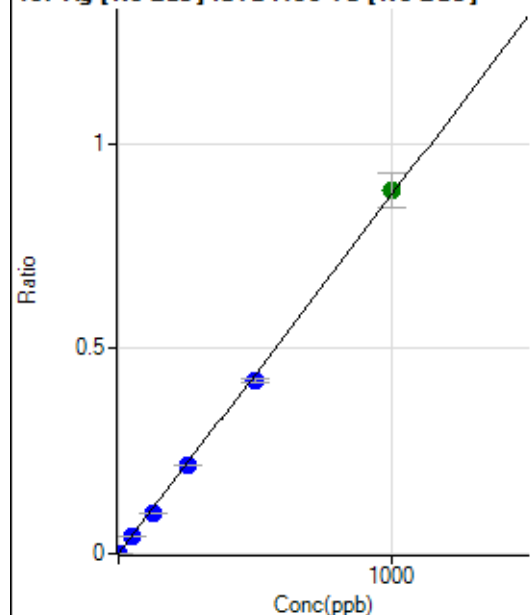
$$R = 0.9996$$

$$DL = 2.508$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 75.00      | 0.0000 | P        | 33.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.920      | 6321.13    | 0.0008 | P        | 3.9  |
| 4 | <input type="checkbox"/> | 50.000   | 46.939     | 344464.80  | 0.0411 | P        | 1.8  |
| 5 | <input type="checkbox"/> | 125.000  | 114.105    | 870365.59  | 0.0998 | P        | 1.1  |
| 6 | <input type="checkbox"/> | 250.000  | 245.680    | 1713657.87 | 0.2149 | P        | 1.3  |
| 7 | <input type="checkbox"/> | 500.000  | 481.860    | 3341707.52 | 0.4214 | P        | 1.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 1011.665   | 6493271.54 | 0.8847 | A        | 9.5  |
| 9 | <input type="checkbox"/> |          |            | 1152.88    | 0.0001 | P        | 8.0  |

$$y = 8.7448\text{E-}004 * x + 1.0236\text{E-}005$$

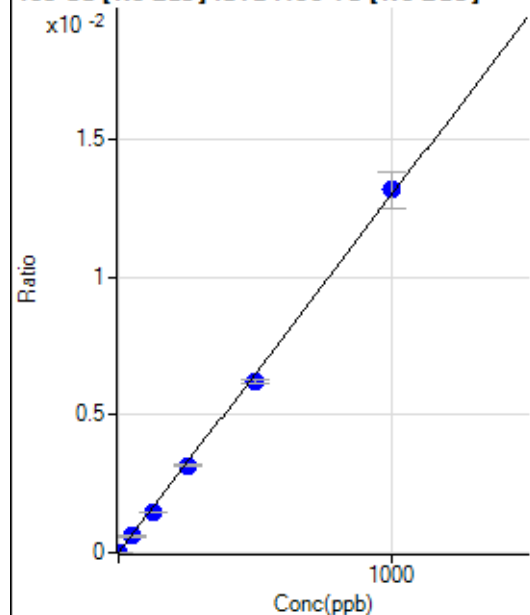
$$R = 0.9997$$

$$DL = 0.01163$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS      | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|----------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 9.72     | 0.0000 | P        | 66.2 |
| 2 | <input type="checkbox"/> | 0.100    |            |          |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 1.055      | 116.67   | 0.0000 | P        | 8.7  |
| 4 | <input type="checkbox"/> | 50.000   | 45.768     | 4991.27  | 0.0006 | P        | 2.5  |
| 5 | <input type="checkbox"/> | 125.000  | 113.419    | 12842.14 | 0.0015 | P        | 0.7  |
| 6 | <input type="checkbox"/> | 250.000  | 243.206    | 25169.87 | 0.0032 | P        | 1.8  |
| 7 | <input type="checkbox"/> | 500.000  | 478.366    | 49213.11 | 0.0062 | P        | 1.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 1014.175   | 96538.26 | 0.0132 | P        | 9.8  |
| 9 | <input type="checkbox"/> |          |            | 41.67    | 0.0000 | P        | 19.2 |

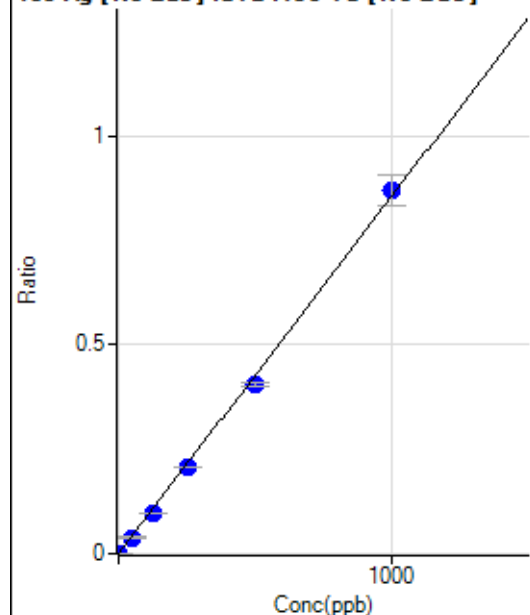
$$y = 1.2970\text{E-}005 * x + 1.3311\text{E-}006$$

$$R = 0.9996$$

$$DL = 0.2037$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 33.33      | 0.0000 | P        | 44.1 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.911      | 6076.59    | 0.0008 | P        | 1.2  |
| 4 | <input type="checkbox"/> | 50.000   | 45.667     | 327113.69  | 0.0390 | P        | 2.6  |
| 5 | <input type="checkbox"/> | 125.000  | 112.256    | 835920.75  | 0.0958 | P        | 0.9  |
| 6 | <input type="checkbox"/> | 250.000  | 242.065    | 1648370.75 | 0.2067 | P        | 1.4  |
| 7 | <input type="checkbox"/> | 500.000  | 475.402    | 3218623.99 | 0.4059 | P        | 1.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 1016.093   | 6369991.42 | 0.8675 | P        | 8.6  |
| 9 | <input type="checkbox"/> |          |            | 1169.55    | 0.0002 | P        | 2.6  |

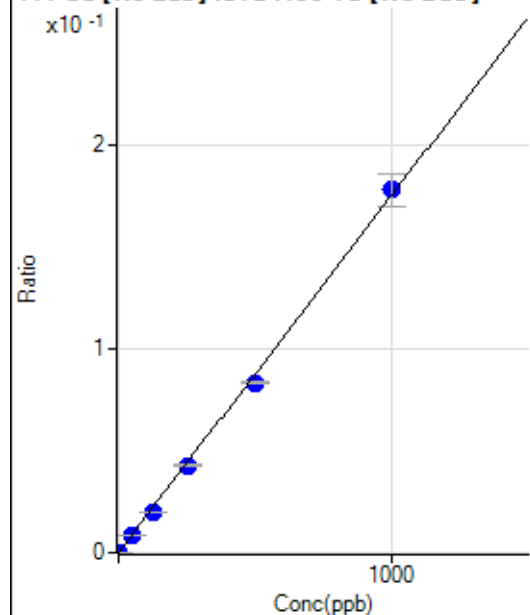
$$y = 8.5374\text{E-}004 * x + 4.5597\text{E-}006$$

$$R = 0.9995$$

$$DL = 0.007069$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1250.28    | 0.0002 | P        | 6.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |          |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.817      | 2438.28    | 0.0003 | P        | 2.8 |
| 4 | <input type="checkbox"/> | 50.000   | 46.349     | 69653.68   | 0.0083 | P        | 1.0 |
| 5 | <input type="checkbox"/> | 125.000  | 112.392    | 173464.26  | 0.0199 | P        | 1.1 |
| 6 | <input type="checkbox"/> | 250.000  | 242.778    | 341058.19  | 0.0428 | P        | 1.9 |
| 7 | <input type="checkbox"/> | 500.000  | 475.348    | 662674.00  | 0.0836 | P        | 1.9 |
| 8 | <input type="checkbox"/> | 1000.000 | 1015.890   | 1309445.99 | 0.1784 | P        | 9.3 |
| 9 | <input type="checkbox"/> |          |            | 1512.36    | 0.0002 | P        | 4.0 |

$$y = 1.7544\text{E-}004 * x + 1.7066\text{E-}004$$

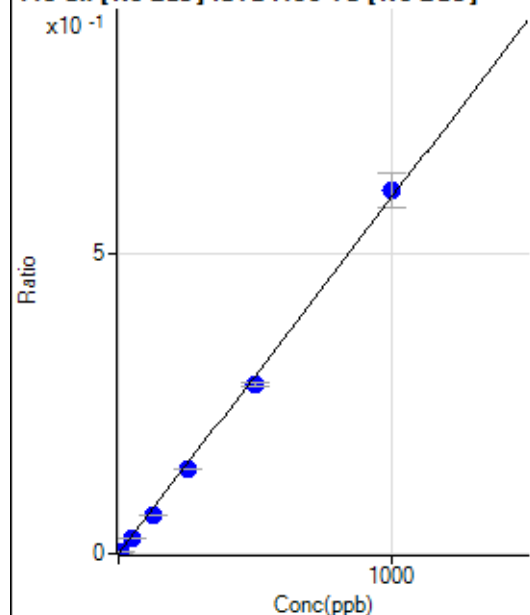
$$R = 0.9995$$

$$DL = 0.1838$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 472.26     | 0.0001 | P    | 27.8 |
| 2 | <input type="checkbox"/> | 0.500    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 5.000    | 4.575      | 21529.18   | 0.0028 | P    | 3.2  |
| 4 | <input type="checkbox"/> | 50.000   | 44.505     | 221553.49  | 0.0264 | P    | 1.6  |
| 5 | <input type="checkbox"/> | 125.000  | 108.207    | 559177.67  | 0.0641 | P    | 0.7  |
| 6 | <input type="checkbox"/> | 250.000  | 237.033    | 1119487.95 | 0.1404 | P    | 1.8  |
| 7 | <input type="checkbox"/> | 500.000  | 473.759    | 2224246.10 | 0.2805 | P    | 1.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 1018.738   | 4426004.74 | 0.6031 | P    | 9.6  |
| 9 | <input type="checkbox"/> |          |            | 12873.15   | 0.0017 | P    | 2.0  |

$$y = 5.9190\text{E-}004 * x + 6.4550\text{E-}005$$

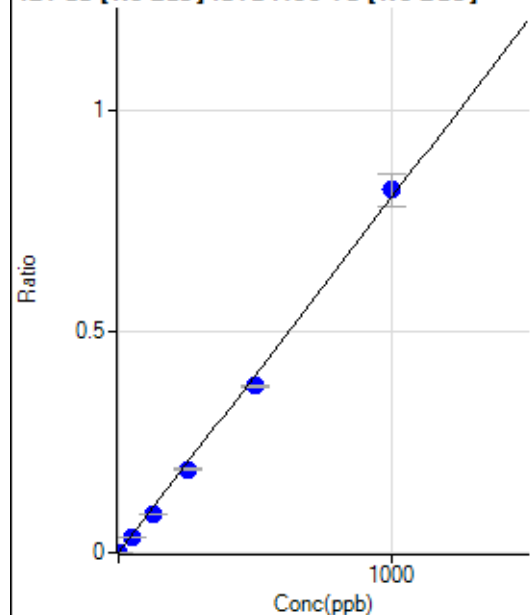
$$R = 0.9993$$

$$DL = 0.09098$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>ct</sub>          | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 63.89      | 0.0000 | P    | 38.5 |
| 2 | <input type="checkbox"/> | 0.200    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 2.000    | 1.654      | 10387.62   | 0.0013 | P    | 3.1  |
| 4 | <input type="checkbox"/> | 50.000   | 43.585     | 293855.82  | 0.0350 | P    | 1.2  |
| 5 | <input type="checkbox"/> | 125.000  | 107.236    | 751504.47  | 0.0862 | P    | 0.7  |
| 6 | <input type="checkbox"/> | 250.000  | 235.323    | 1507972.66 | 0.1891 | P    | 1.3  |
| 7 | <input type="checkbox"/> | 500.000  | 469.197    | 2989299.76 | 0.3770 | P    | 1.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 1021.613   | 6025322.09 | 0.8208 | P    | 9.1  |
| 9 | <input type="checkbox"/> |          |            | 7735.79    | 0.0010 | P    | 2.0  |

$$y = 8.0339\text{E-}004 * x + 8.7371\text{E-}006$$

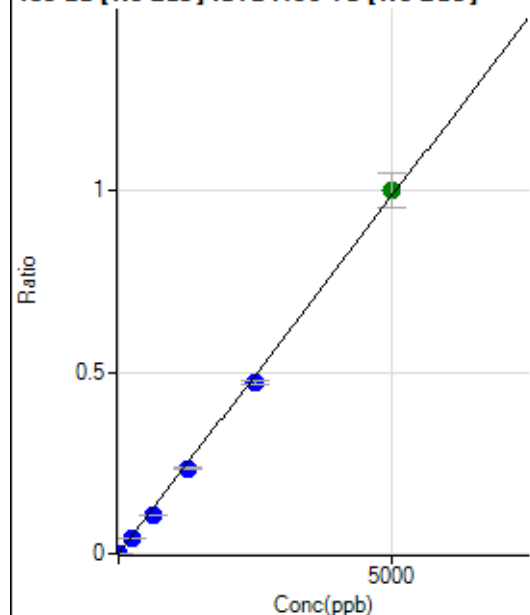
$$R = 0.9991$$

$$DL = 0.01255$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 19.44      | 0.0000 | P    | 49.8 |
| 2 | <input type="checkbox"/> | 1.000    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 10.000   | 8.336      | 12756.40   | 0.0016 | P    | 2.0  |
| 4 | <input type="checkbox"/> | 250.000  | 218.900    | 361321.41  | 0.0431 | P    | 1.9  |
| 5 | <input type="checkbox"/> | 625.000  | 543.096    | 931902.70  | 0.1068 | P    | 0.9  |
| 6 | <input type="checkbox"/> | 1250.000 | 1194.956   | 1875114.62 | 0.2351 | P    | 1.0  |
| 7 | <input type="checkbox"/> | 2500.000 | 2394.673   | 3735910.07 | 0.4711 | P    | 2.1  |
| 8 | <input type="checkbox"/> | 5000.000 | 5078.221   | 7332830.29 | 0.9990 | A    | 9.4  |
| 9 | <input type="checkbox"/> |          |            | 3306.11    | 0.0004 | P    | 1.5  |

$$y = 1.9673\text{E-}004 * x + 2.6580\text{E-}006$$

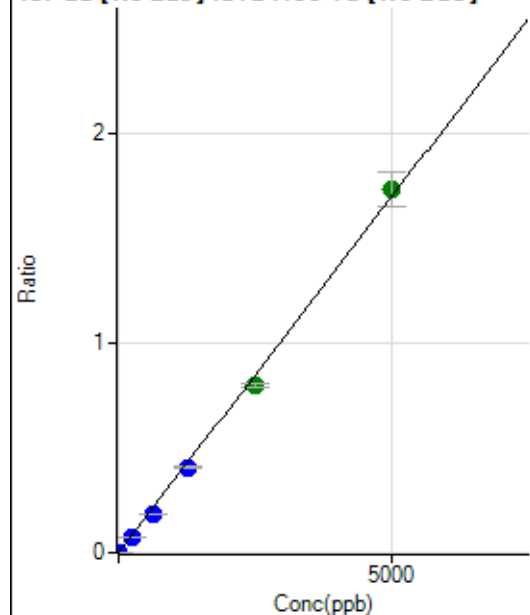
$$R = 0.9995$$

$$DL = 0.02016$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 22.22       | 0.0000 | P    | 57.7 |
| 2 | <input type="checkbox"/> | 1.000    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 10.000   | 8.426      | 22274.20    | 0.0029 | P    | 3.4  |
| 4 | <input type="checkbox"/> | 250.000  | 220.346    | 629045.72   | 0.0750 | P    | 0.6  |
| 5 | <input type="checkbox"/> | 625.000  | 546.046    | 1620454.75  | 0.1858 | P    | 0.4  |
| 6 | <input type="checkbox"/> | 1250.000 | 1202.185   | 3262421.10  | 0.4090 | P    | 1.2  |
| 7 | <input type="checkbox"/> | 2500.000 | 2348.687   | 6337014.68  | 0.7991 | A    | 1.8  |
| 8 | <input type="checkbox"/> | 5000.000 | 5098.965   | 12731830.23 | 1.7348 | A    | 9.6  |
| 9 | <input type="checkbox"/> |          |            | 5556.91     | 0.0007 | P    | 1.3  |

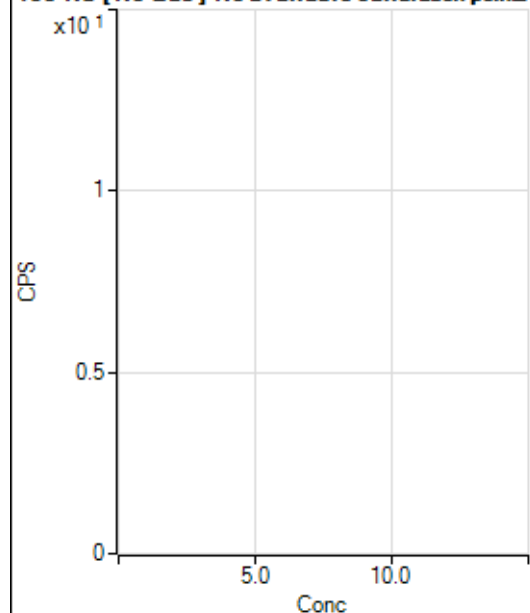
$$y = 3.4023\text{E-}004 * x + 3.0388\text{E-}006$$

$$R = 0.9992$$

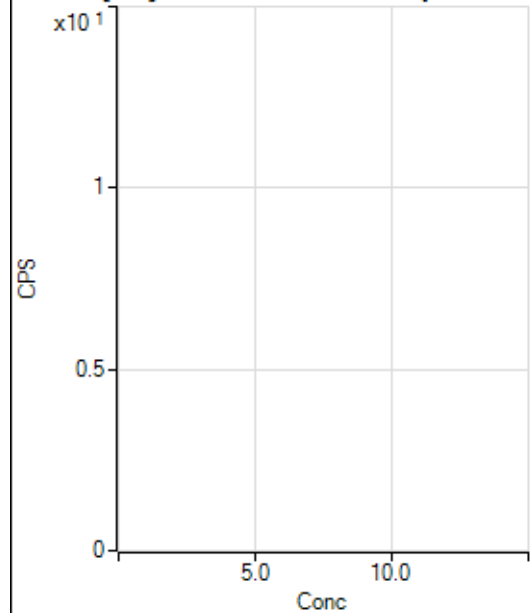
$$DL = 0.01547$$

Weight: &lt;None&gt;

Min Conc: 0

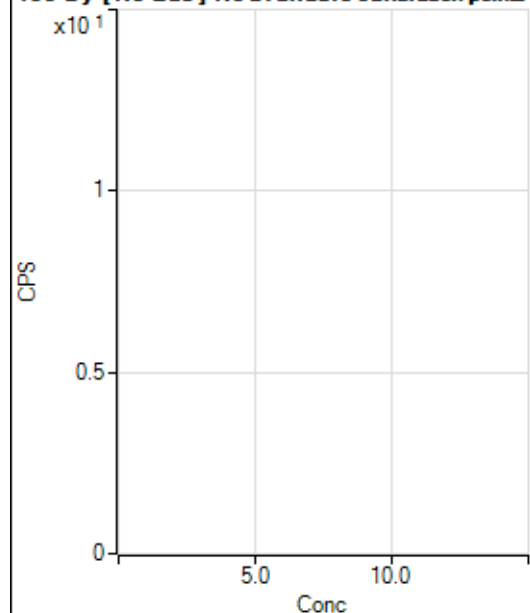
**150 Nd [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 0.00   |       | P        |      |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 0.00   |       | P        |      |
| 4 | <input type="checkbox"/> |       |            | 33.33  |       | P        | 20.0 |
| 5 | <input type="checkbox"/> |       |            | 77.78  |       | P        | 38.6 |
| 6 | <input type="checkbox"/> |       |            | 111.12 |       | P        | 50.3 |
| 7 | <input type="checkbox"/> |       |            | 291.13 |       | P        | 14.7 |
| 8 | <input type="checkbox"/> |       |            | 597.81 |       | P        | 8.9  |
| 9 | <input type="checkbox"/> |       |            | 80.00  |       | P        | 22.1 |

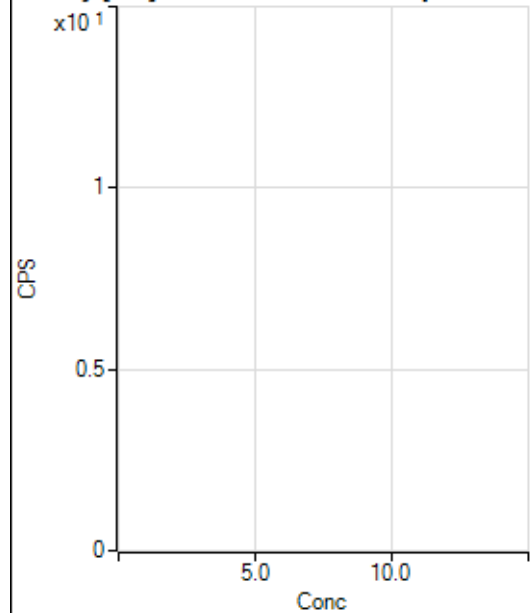
**150 Nd [ He ] No available calibration points**

|   | 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"/> |       |            | 8.89   |       | P        | 114. |
| 5 | <input type="checkbox"/> |       |            | 15.55  |       | P        | 44.6 |
| 6 | <input type="checkbox"/> |       |            | 15.55  |       | P        | 24.8 |
| 7 | <input type="checkbox"/> |       |            | 37.78  |       | P        | 13.5 |
| 8 | <input type="checkbox"/> |       |            | 126.67 |       | P        | 14.7 |
| 9 | <input type="checkbox"/> |       |            | 42.22  |       | P        | 24.1 |

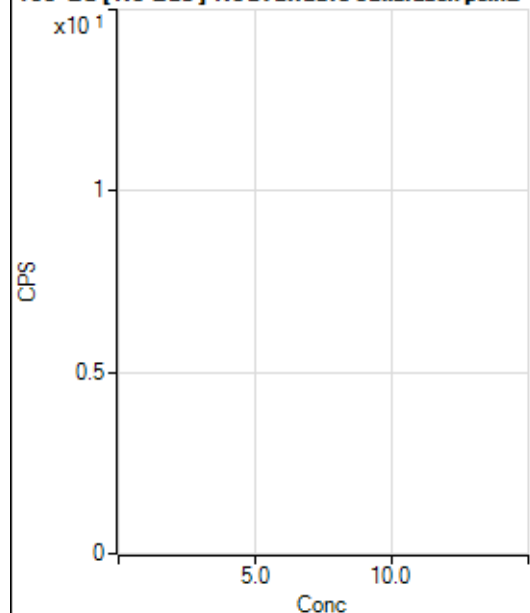


**156 Dy [ No Gas ] No available calibration points**

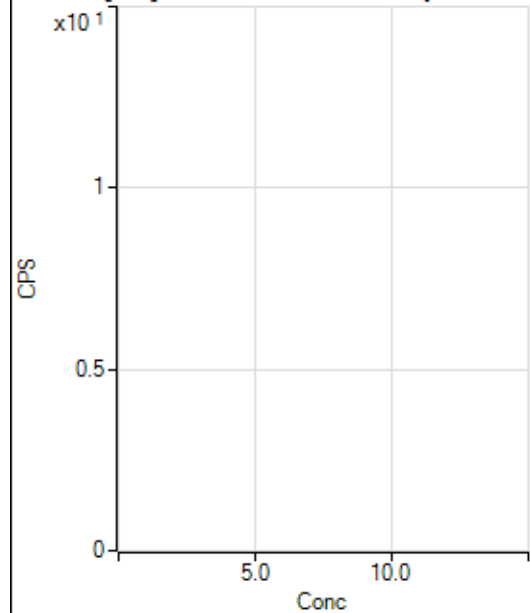
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 2.78   |       | P        | 173. |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 5.55   |       | P        | 86.6 |
| 4 | <input type="checkbox"/> |       |            | 16.67  |       | P        | 100. |
| 5 | <input type="checkbox"/> |       |            | 25.00  |       | P        | 66.7 |
| 6 | <input type="checkbox"/> |       |            | 47.22  |       | P        | 50.9 |
| 7 | <input type="checkbox"/> |       |            | 50.00  |       | P        | 16.7 |
| 8 | <input type="checkbox"/> |       |            | 152.78 |       | P        | 6.3  |
| 9 | <input type="checkbox"/> |       |            | 58.34  |       | P        | 14.3 |

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

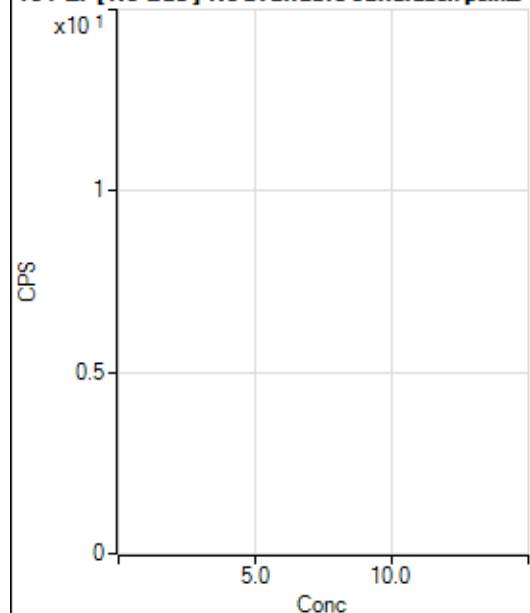
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 3.33   |       | P        | 100. |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 3.33   |       | P        | 100. |
| 4 | <input type="checkbox"/> |       |            | 7.78   |       | P        | 137. |
| 5 | <input type="checkbox"/> |       |            | 22.22  |       | P        | 31.2 |
| 6 | <input type="checkbox"/> |       |            | 41.11  |       | P        | 12.4 |
| 7 | <input type="checkbox"/> |       |            | 53.33  |       | P        | 6.3  |
| 8 | <input type="checkbox"/> |       |            | 135.56 |       | P        | 7.5  |
| 9 | <input type="checkbox"/> |       |            | 33.34  |       | P        | 34.6 |

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

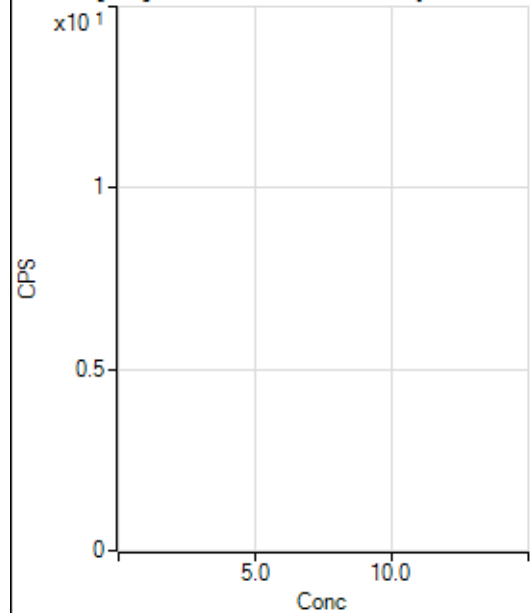
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 27.78  |       | P        | 124. |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 22.22  |       | P        | 78.1 |
| 4 | <input type="checkbox"/> |       |            | 25.00  |       | P        | 33.3 |
| 5 | <input type="checkbox"/> |       |            | 41.67  |       | P        | 0.0  |
| 6 | <input type="checkbox"/> |       |            | 41.67  |       | P        | 52.9 |
| 7 | <input type="checkbox"/> |       |            | 55.56  |       | P        | 34.6 |
| 8 | <input type="checkbox"/> |       |            | 100.00 |       | P        | 50.0 |
| 9 | <input type="checkbox"/> |       |            | 61.11  |       | P        | 28.4 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 111.12 |       | P        | 12.1 |
| 2 | <input type="checkbox"/> |       |            |        |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 107.78 |       | P        | 17.0 |
| 4 | <input type="checkbox"/> |       |            | 113.34 |       | P        | 20.6 |
| 5 | <input type="checkbox"/> |       |            | 118.89 |       | P        | 16.9 |
| 6 | <input type="checkbox"/> |       |            | 101.12 |       | P        | 6.9  |
| 7 | <input type="checkbox"/> |       |            | 126.67 |       | P        | 18.2 |
| 8 | <input type="checkbox"/> |       |            | 126.67 |       | P        | 20.6 |
| 9 | <input type="checkbox"/> |       |            | 121.11 |       | P        | 4.2  |

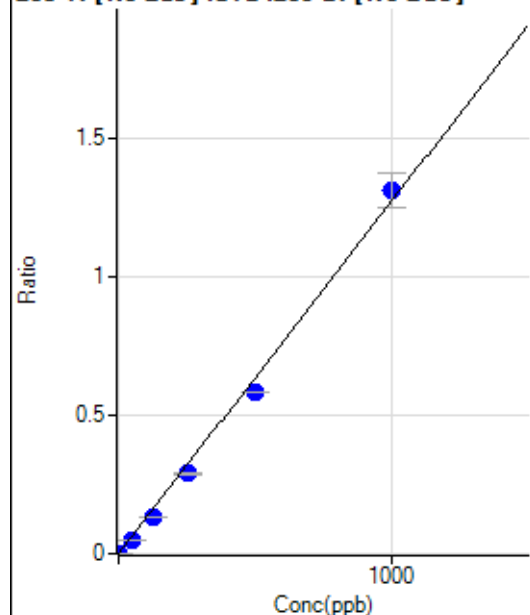
**164 Er [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 16.67 |       | P        | 50.0 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 36.11 |       | P        | 35.3 |
| 4 | <input type="checkbox"/> |       |            | 27.78 |       | P        | 45.8 |
| 5 | <input type="checkbox"/> |       |            | 19.45 |       | P        | 24.7 |
| 6 | <input type="checkbox"/> |       |            | 25.00 |       | P        | 33.3 |
| 7 | <input type="checkbox"/> |       |            | 47.23 |       | P        | 56.7 |
| 8 | <input type="checkbox"/> |       |            | 63.89 |       | P        | 37.7 |
| 9 | <input type="checkbox"/> |       |            | 22.22 |       | P        | 21.6 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 10.00 |       | P        | 57.8 |
| 2 | <input type="checkbox"/> |       |            |       |       |          |      |
| 3 | <input type="checkbox"/> |       |            | 17.78 |       | P        | 21.7 |
| 4 | <input type="checkbox"/> |       |            | 13.33 |       | P        | 43.3 |
| 5 | <input type="checkbox"/> |       |            | 21.11 |       | P        | 9.1  |
| 6 | <input type="checkbox"/> |       |            | 14.44 |       | P        | 53.3 |
| 7 | <input type="checkbox"/> |       |            | 30.00 |       | P        | 33.3 |
| 8 | <input type="checkbox"/> |       |            | 42.22 |       | P        | 47.6 |
| 9 | <input type="checkbox"/> |       |            | 21.11 |       | P        | 32.9 |

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      | 161.12     | 0.0000 | P    | 13.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.796      | 4953.94    | 0.0010 | P    | 3.8  |
| 4 | <input type="checkbox"/> | 50.000   | 40.227     | 262546.91  | 0.0513 | P    | 1.6  |
| 5 | <input type="checkbox"/> | 125.000  | 102.062    | 698779.05  | 0.1300 | P    | 0.6  |
| 6 | <input type="checkbox"/> | 250.000  | 227.322    | 1429280.94 | 0.2896 | P    | 1.2  |
| 7 | <input type="checkbox"/> | 500.000  | 458.465    | 2895420.73 | 0.5840 | P    | 0.9  |
| 8 | <input type="checkbox"/> | 1000.000 | 1029.793   | 5859220.83 | 1.3117 | P    | 9.7  |
| 9 | <input type="checkbox"/> |          |            | 3522.85    | 0.0008 | P    | 8.1  |

$$y = 0.0013 * x + 3.5860E-005$$

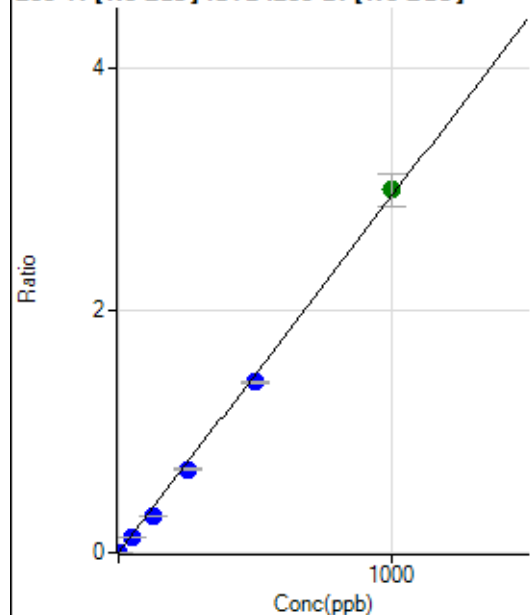
$$R = 0.9984$$

$$DL = 0.01121$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|-------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 377.80      | 0.0001 | P    | 4.3 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.805      | 11594.42    | 0.0025 | P    | 5.8 |
| 4 | <input type="checkbox"/> | 50.000   | 41.033     | 618955.58   | 0.1209 | P    | 1.0 |
| 5 | <input type="checkbox"/> | 125.000  | 103.291    | 1634444.60  | 0.3041 | P    | 0.9 |
| 6 | <input type="checkbox"/> | 250.000  | 233.848    | 3398193.20  | 0.6885 | P    | 1.2 |
| 7 | <input type="checkbox"/> | 500.000  | 478.809    | 6988856.58  | 1.4096 | P    | 0.9 |
| 8 | <input type="checkbox"/> | 1000.000 | 1017.796   | 13387146.22 | 2.9962 | A    | 9.3 |
| 9 | <input type="checkbox"/> |          |            | 8808.91     | 0.0020 | P    | 5.9 |

$$y = 0.0029 * x + 8.4064E-005$$

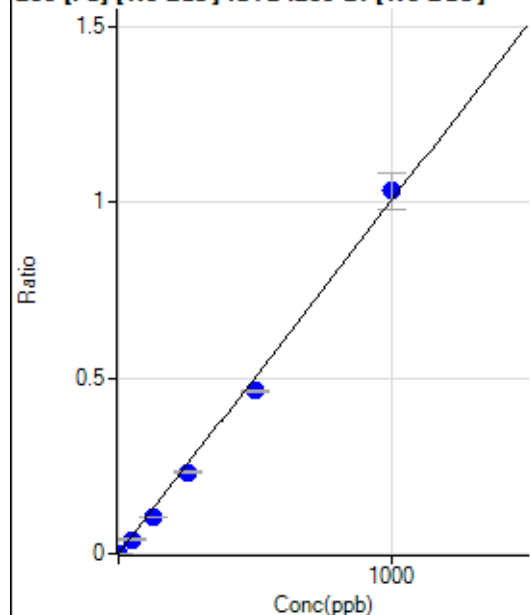
$$R = 0.9994$$

$$DL = 0.003716$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 203.71     | 0.0000 | P        | 15.5 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.809      | 4056.29    | 0.0009 | P        | 1.6  |
| 4 | <input type="checkbox"/> | 50.000   | 40.667     | 209592.19  | 0.0409 | P        | 0.7  |
| 5 | <input type="checkbox"/> | 125.000  | 102.840    | 555859.59  | 0.1034 | P        | 0.5  |
| 6 | <input type="checkbox"/> | 250.000  | 230.751    | 1145283.70 | 0.2320 | P        | 1.2  |
| 7 | <input type="checkbox"/> | 500.000  | 461.346    | 2299810.84 | 0.4639 | P        | 1.3  |
| 8 | <input type="checkbox"/> | 1000.000 | 1027.376   | 4613388.10 | 1.0329 | P        | 9.9  |
| 9 | <input type="checkbox"/> |          |            | 27560.58   | 0.0063 | P        | 1.2  |

$$y = 0.0010 * x + 4.5332E-005$$

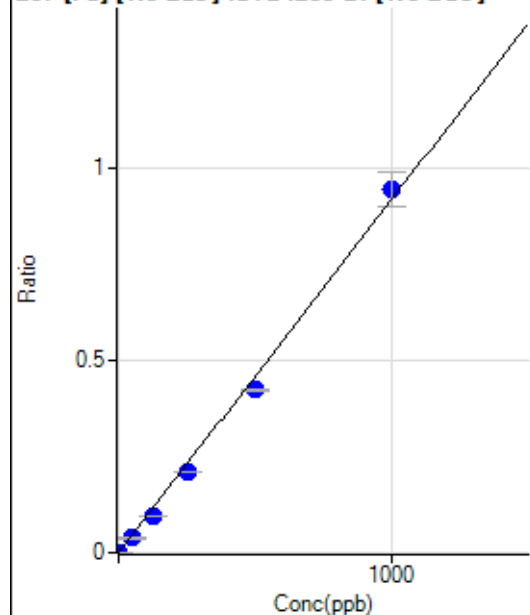
$$R = 0.9986$$

$$DL = 0.02097$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 172.23     | 0.0000 | P        | 19.7 |
| 2 | <input type="checkbox"/> | 0.100    |            |            |        |          |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.808      | 3676.54    | 0.0008 | P        | 4.2  |
| 4 | <input type="checkbox"/> | 50.000   | 41.004     | 192632.41  | 0.0376 | P        | 1.0  |
| 5 | <input type="checkbox"/> | 125.000  | 102.989    | 507453.66  | 0.0944 | P        | 1.1  |
| 6 | <input type="checkbox"/> | 250.000  | 229.726    | 1039424.02 | 0.2106 | P        | 1.0  |
| 7 | <input type="checkbox"/> | 500.000  | 461.191    | 2095787.88 | 0.4227 | P        | 1.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 1027.674   | 4207493.44 | 0.9419 | P        | 9.7  |
| 9 | <input type="checkbox"/> |          |            | 23289.37   | 0.0053 | P        | 1.5  |

$$y = 9.1651E-004 * x + 3.8340E-005$$

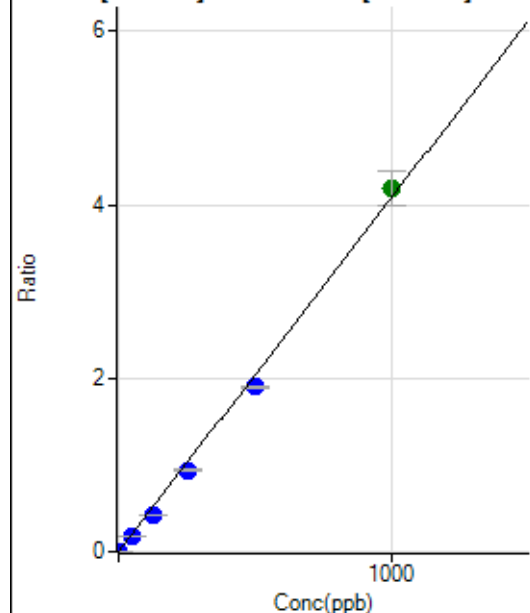
$$R = 0.9986$$

$$DL = 0.02467$$

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      | 842.63      | 0.0002 | P    | 9.2 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |     |
| 3 | <input type="checkbox"/> | 1.000    | 0.794      | 16187.65    | 0.0034 | P    | 2.7 |
| 4 | <input type="checkbox"/> | 50.000   | 41.046     | 858606.57   | 0.1677 | P    | 1.0 |
| 5 | <input type="checkbox"/> | 125.000  | 103.240    | 2264863.78  | 0.4215 | P    | 0.8 |
| 6 | <input type="checkbox"/> | 250.000  | 230.658    | 4646508.85  | 0.9414 | P    | 1.2 |
| 7 | <input type="checkbox"/> | 500.000  | 465.907    | 9426424.24  | 1.9013 | P    | 1.6 |
| 8 | <input type="checkbox"/> | 1000.000 | 1025.050   | 18685174.70 | 4.1829 | A    | 9.6 |
| 9 | <input type="checkbox"/> |          |            | 108413.48   | 0.0246 | P    | 1.0 |

$$y = 0.0041 * x + 1.8754E-004$$

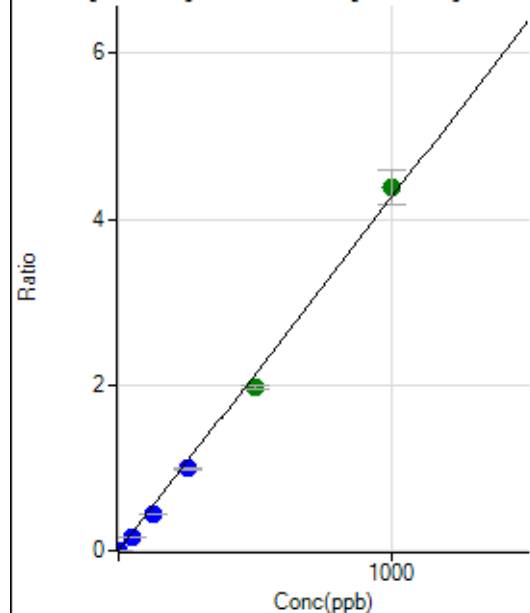
$$R = 0.9989$$

$$DL = 0.01269$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 72.23       | 0.0000 | P    | 54.4 |
| 2 | <input type="checkbox"/> | 0.100    |            |             |        |      |      |
| 3 | <input type="checkbox"/> | 1.000    | 0.768      | 15529.35    | 0.0033 | P    | 2.8  |
| 4 | <input type="checkbox"/> | 50.000   | 39.626     | 864833.23   | 0.1689 | P    | 1.2  |
| 5 | <input type="checkbox"/> | 125.000  | 101.214    | 2318084.47  | 0.4314 | P    | 0.9  |
| 6 | <input type="checkbox"/> | 250.000  | 232.145    | 4883404.06  | 0.9894 | P    | 0.9  |
| 7 | <input type="checkbox"/> | 500.000  | 461.888    | 9759251.69  | 1.9685 | A    | 1.7  |
| 8 | <input type="checkbox"/> | 1000.000 | 1027.012   | 19551555.82 | 4.3769 | A    | 9.7  |
| 9 | <input type="checkbox"/> |          |            | 3856.30     | 0.0009 | P    | 3.4  |

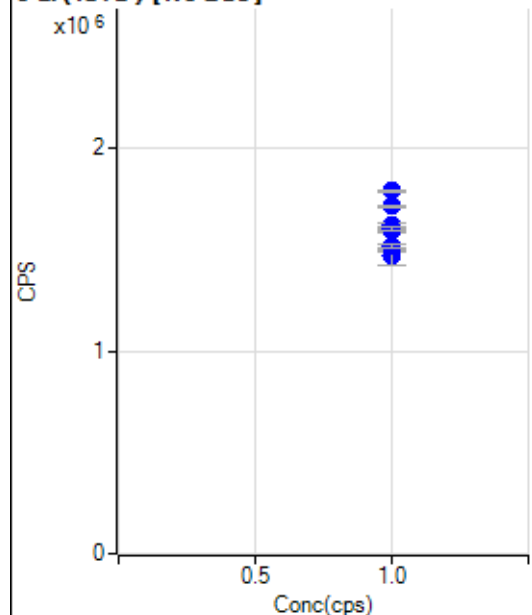
$$y = 0.0043 * x + 1.6065E-005$$

$$R = 0.9987$$

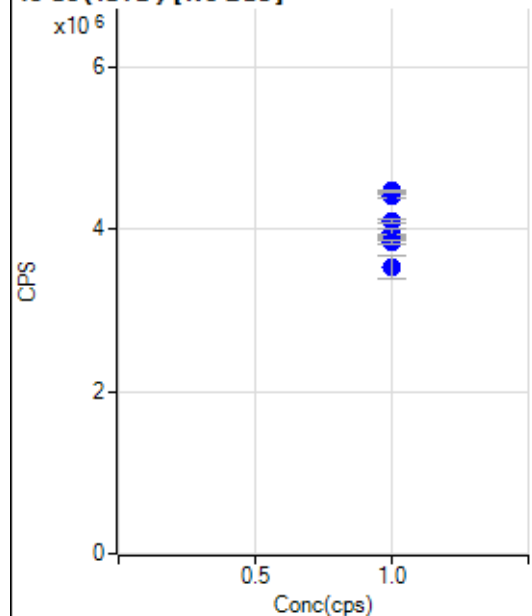
$$DL = 0.006156$$

Weight: &lt;None&gt;

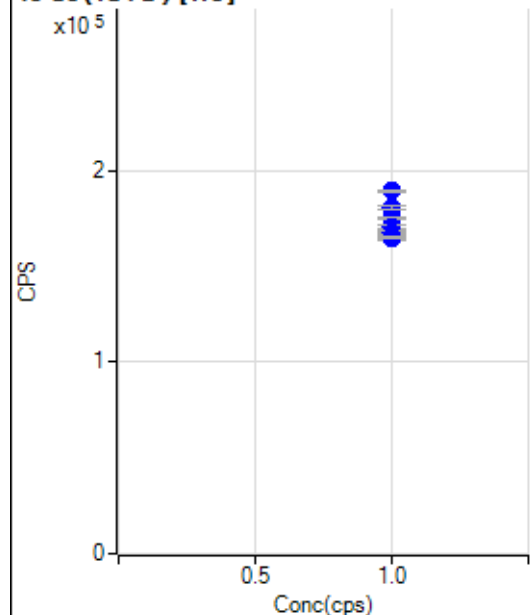
Min Conc: 0

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

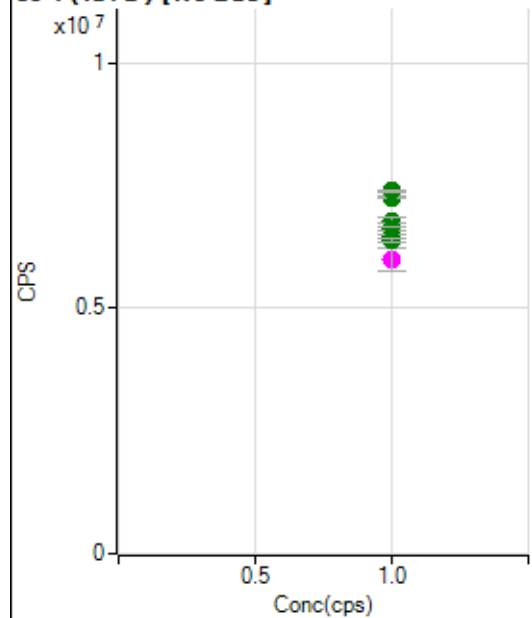
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1492399.72 |       | P        | 0.2 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1592612.22 |       | P        | 1.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1714574.91 |       | P        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1789307.66 |       | P        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1624127.84 |       | P        | 1.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1598788.55 |       | P        | 1.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1474362.48 |       | P        | 6.8 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1516307.96 |       | P        | 1.6 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 3906096.18 |       | P        | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 4102832.30 |       | P        | 1.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4414962.99 |       | P        | 0.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4470451.44 |       | P        | 0.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 3967852.65 |       | P        | 1.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 3840486.85 |       | P        | 1.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3519997.11 |       | P        | 8.0 |
| 9 | <input type="checkbox"/> | 1.000 |            | 3837733.24 |       | P        | 1.5 |

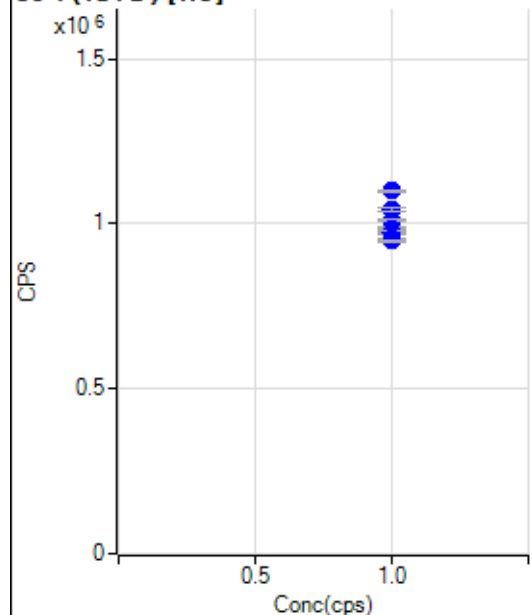
**45 Sc (ISTD) [He]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 168281.86 |       | P        | 1.2 |
| 2 | <input type="checkbox"/> | 1.000 |            |           |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 175276.68 |       | P        | 0.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 180658.53 |       | P        | 0.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 189483.36 |       | P        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 170949.08 |       | P        | 1.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 167629.30 |       | P        | 1.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 164484.62 |       | P        | 1.1 |
| 9 | <input type="checkbox"/> | 1.000 |            | 165309.04 |       | P        | 0.7 |

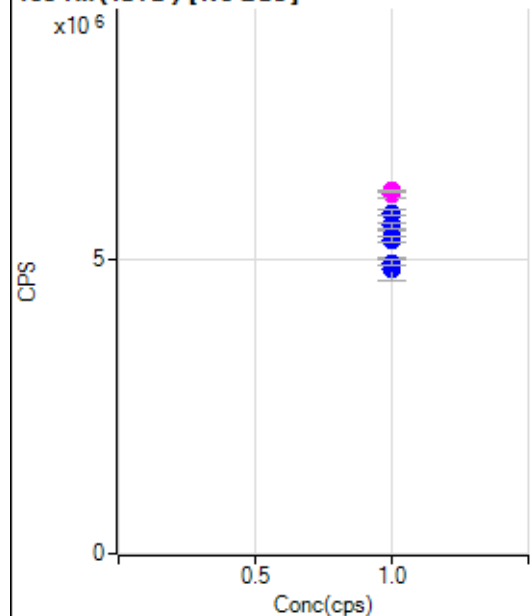
**89 Y (ISTD) [No Gas]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6411909.14 |       | A        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 6790865.18 |       | A        | 1.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 7258806.91 |       | A        | 0.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 7386094.61 |       | A        | 0.7 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6620332.47 |       | A        | 1.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6468996.15 |       | A        | 1.0 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5992346.16 |       | M        | 7.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 6385474.70 |       | A        | 1.3 |

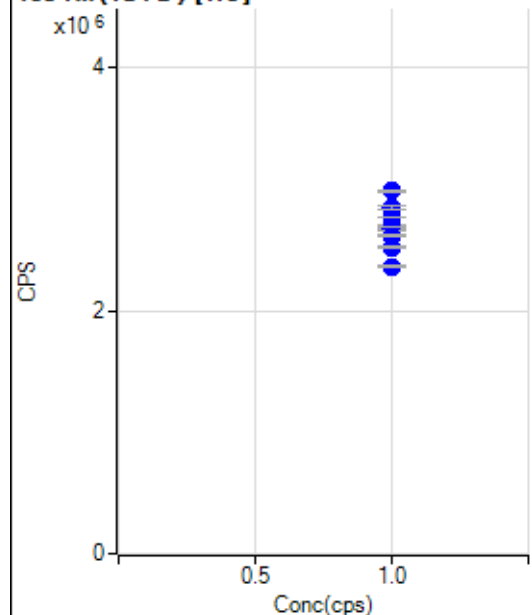


**89 Y(ISTD) [He]**

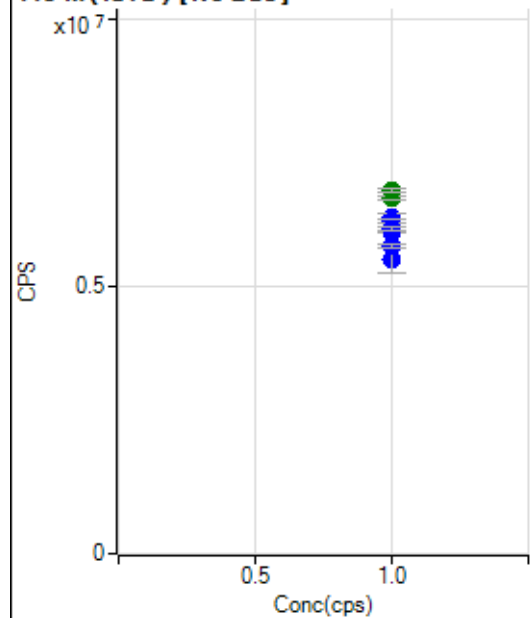
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 983195.75  |       | P        | 1.6 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1010154.04 |       | P        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1041695.13 |       | P        | 1.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1099207.98 |       | P        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 987438.98  |       | P        | 0.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 971682.00  |       | P        | 1.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 955259.06  |       | P        | 0.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 947038.19  |       | P        | 0.7 |

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

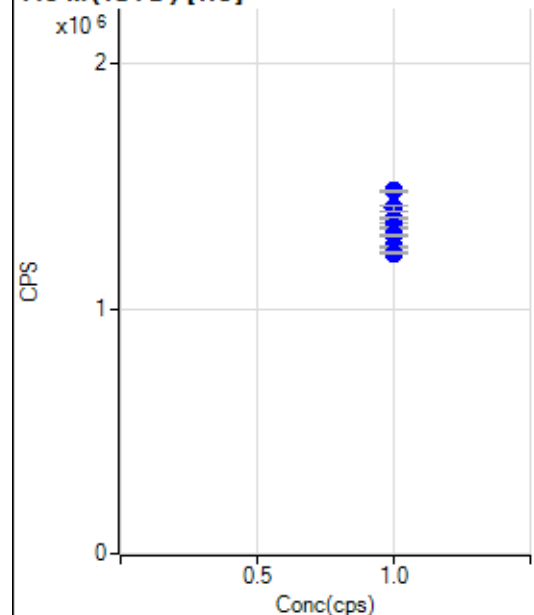
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 5488799.90 |       | P        | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 5790226.35 |       | P        | 1.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6110742.45 |       | M        | 1.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6162591.41 |       | M        | 0.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 5570713.62 |       | P        | 1.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 5338571.17 |       | P        | 1.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4828662.26 |       | P        | 8.0 |
| 9 | <input type="checkbox"/> | 1.000 |            | 4944449.33 |       | P        | 1.5 |

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

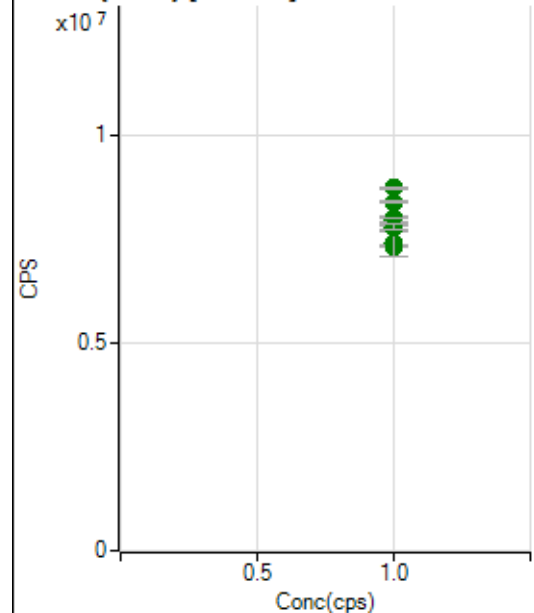
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2693509.20 |       | P        | 1.4 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 2770304.09 |       | P        | 0.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2845068.67 |       | P        | 1.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2986210.34 |       | P        | 0.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2676245.72 |       | P        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2612361.70 |       | P        | 0.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2523958.68 |       | P        | 0.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 2362810.21 |       | P        | 0.4 |

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

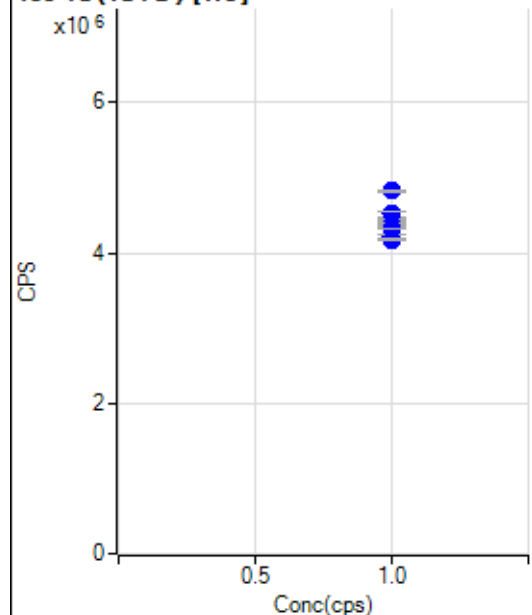
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6018439.96 |       | P        | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 6299413.74 |       | P        | 1.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6664125.48 |       | A        | 1.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6784627.37 |       | A        | 1.0 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6235156.41 |       | P        | 1.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6070846.03 |       | P        | 1.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5492267.70 |       | P        | 8.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 5767664.31 |       | P        | 1.2 |

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

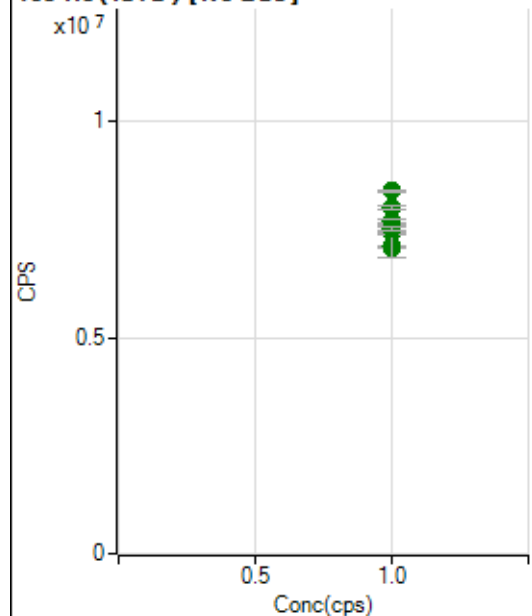
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1337701.38 |       | P        | 1.9 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 1369382.89 |       | P        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1412002.91 |       | P        | 1.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1481724.19 |       | P        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1332240.20 |       | P        | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1301571.93 |       | P        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1254365.12 |       | P        | 0.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 1226072.36 |       | P        | 0.5 |

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

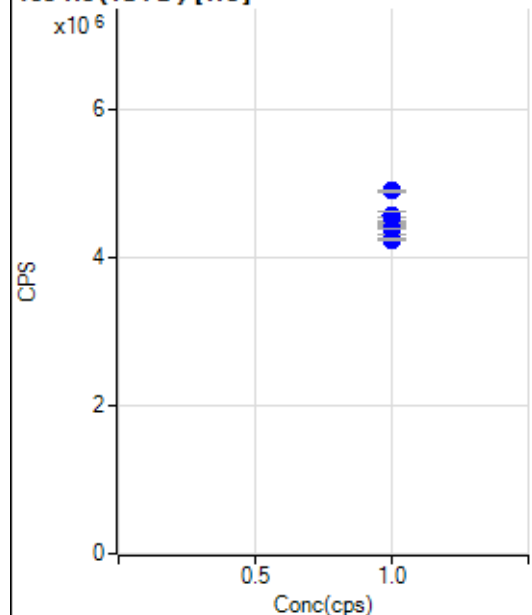
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 7326091.84 |       | A        | 0.7 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 7764192.38 |       | A        | 1.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 8390643.35 |       | A        | 1.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 8722195.01 |       | A        | 0.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 7976915.30 |       | A        | 1.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 7931237.87 |       | A        | 1.2 |
| 8 | <input type="checkbox"/> | 1.000 |            | 7377363.50 |       | A        | 8.1 |
| 9 | <input type="checkbox"/> | 1.000 |            | 7781754.40 |       | A        | 1.4 |

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

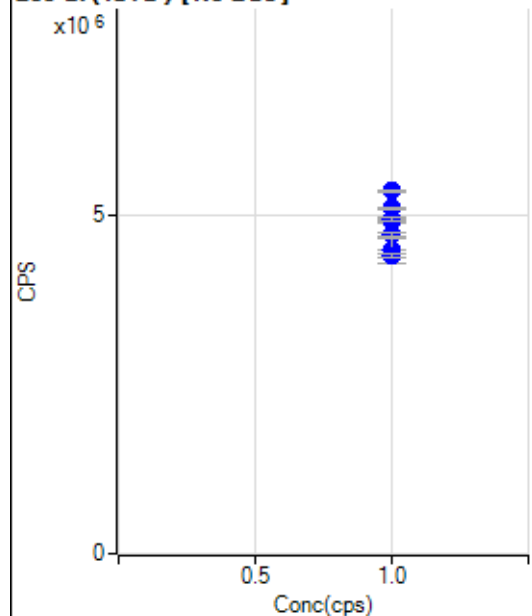
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4218487.65 |       | P        | 1.7 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 4354354.17 |       | P        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4517668.78 |       | P        | 1.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4827241.08 |       | P        | 0.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4430989.66 |       | P        | 0.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4383955.11 |       | P        | 0.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4325051.71 |       | P        | 0.5 |
| 9 | <input type="checkbox"/> | 1.000 |            | 4182580.18 |       | P        | 0.9 |

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

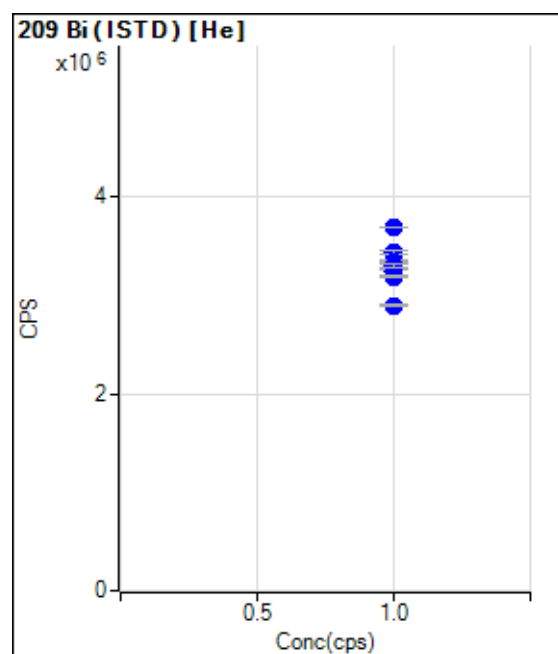
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 7075297.56 |       | A        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 7431371.26 |       | A        | 1.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 8013118.50 |       | A        | 0.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 8388725.27 |       | A        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 7679366.49 |       | A        | 1.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 7671474.48 |       | A        | 1.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 7119699.07 |       | A        | 8.0 |
| 9 | <input type="checkbox"/> | 1.000 |            | 7517854.51 |       | A        | 1.1 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4264836.43 |       | P        | 1.7 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 4388704.90 |       | P        | 0.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4578319.65 |       | P        | 1.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4894017.46 |       | P        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4483657.43 |       | P        | 0.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4441153.68 |       | P        | 0.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4385900.87 |       | P        | 0.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 4238649.17 |       | P        | 0.7 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4493829.73 |       | P        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 4721971.77 |       | P        | 1.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 5120767.18 |       | P        | 0.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 5374031.66 |       | P        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4936340.90 |       | P        | 1.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4958372.53 |       | P        | 1.0 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4490804.55 |       | P        | 8.2 |
| 9 | <input type="checkbox"/> | 1.000 |            | 4405830.18 |       | P        | 1.3 |



|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 3239648.08 |       | P        | 1.8 |
| 2 | <input type="checkbox"/> | 1.000 |            |            |       |          |     |
| 3 | <input type="checkbox"/> | 1.000 |            | 3330982.55 |       | P        | 0.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 3444270.92 |       | P        | 1.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 3689185.92 |       | P        | 0.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 3353369.22 |       | P        | 0.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 3306823.25 |       | P        | 0.9 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3193170.61 |       | P        | 0.4 |
| 9 | <input type="checkbox"/> | 1.000 |            | 2897262.74 |       | P        | 0.7 |

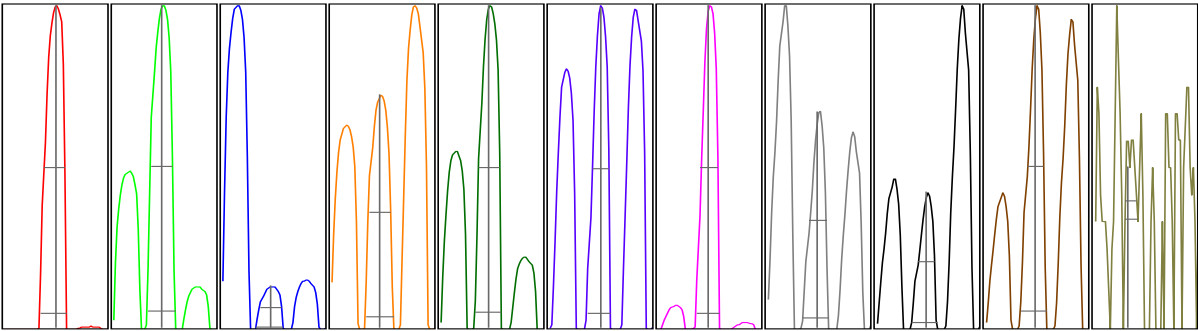
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P7061918MS.b  
Report Comment  
Instrument Name G8403A JP14410463

| [No Gas] |                 |                  |                    |                |
|----------|-----------------|------------------|--------------------|----------------|
| Mass     | Count<br>(Mean) | RSD%<br>(Actual) | RSD%<br>(Required) | RSD%<br>(Flag) |
| 9        | 4039            | 0.87             | 5.00               |                |
| 24       | 72228           | 0.53             | 5.00               |                |
| 25       | 9611            | 0.42             | 5.00               |                |
| 26       | 10939           | 0.67             | 5.00               |                |
| 59       | 37400           | 0.55             | 5.00               |                |
| 113      | 4882            | 0.40             | 5.00               |                |
| 115      | 65195           | 0.25             | 5.00               |                |
| 206      | 12875           | 0.82             | 5.00               |                |
| 207      | 11712           | 0.96             | 5.00               |                |
| 208      | 27793           | 0.97             | 5.00               |                |
| 220      | 0               | 60.86            |                    |                |

| Mass | Replicate 1<br>Count | Replicate 2<br>Count | Replicate 3<br>Count | Replicate 4<br>Count | Replicate 5<br>Count |
|------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 9    | 3990                 | 4023                 | 4082                 | 4045                 | 4057                 |
| 24   | 71729                | 72103                | 72081                | 72533                | 72693                |
| 25   | 9584                 | 9576                 | 9595                 | 9624                 | 9676                 |
| 26   | 10821                | 10956                | 10925                | 10981                | 11012                |
| 59   | 37101                | 37341                | 37374                | 37593                | 37591                |
| 113  | 4857                 | 4880                 | 4872                 | 4891                 | 4908                 |
| 115  | 65008                | 65289                | 65240                | 65391                | 65047                |
| 206  | 12757                | 12778                | 12919                | 12908                | 13011                |
| 207  | 11566                | 11632                | 11733                | 11791                | 11837                |
| 208  | 27412                | 27619                | 27891                | 28026                | 28019                |
| 220  | 0                    | 0                    | 0                    | 0                    | 0                    |

Integration Time [sec] = 0.1



| Mass | Peak<br>Height | Axis<br>(Actual) | Axis<br>(Required) | Axis<br>(Flag) | Width-X%<br>(Actual) | Width-X%<br>(Required) | Width-<br>X%<br>(Flag) |
|------|----------------|------------------|--------------------|----------------|----------------------|------------------------|------------------------|
| 9    | 6786           | 9.05             | 8.9 - 9.1          |                | 0.781                | 0.900                  |                        |
| 24   | 118361         | 23.95            | 23.9 - 24.1        |                | 0.822                | 0.900                  |                        |
| 25   | 15717          | 24.95            | 24.9 - 25.1        |                | 0.787                | 0.900                  |                        |
| 26   | 18002          | 25.95            | 25.9 - 26.1        |                | 0.823                | 0.900                  |                        |
| 59   | 64474          | 58.95            | 58.9 - 59.1        |                | 0.768                | 0.900                  |                        |
| 113  | 9813           | 113.05           | 112.9 - 113.1      |                | 0.689                | 0.900                  |                        |
| 115  | 132134         | 115.00           | 114.9 - 115.1      |                | 0.681                | 0.900                  |                        |
| 206  | 27087          | 206.00           | 205.9 - 206.1      |                | 0.734                | 0.900                  |                        |
| 207  | 24629          | 207.00           | 206.9 - 207.1      |                | 0.714                | 0.900                  |                        |
| 208  | 58435          | 208.00           | 207.9 - 208.1      |                | 0.756                | 0.900                  |                        |
| 220  | 0              | 219.55           | -                  |                | 0.343                |                        |                        |

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

Tune Parameters

## Plasma Paramters ##

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

## Lenses Parameters ##

| ParameterName | Value | Unit | ParameterName | Value | Unit | ParameterName | Value | Unit |
|---------------|-------|------|---------------|-------|------|---------------|-------|------|
| Extract 1     | 0.0   | V    | Omega Lens    | 7.6   | V    | Deflect       | 15.6  | V    |
| Extract 2     | -90.0 | V    | Cell Entrance | -30   | V    | Plate Bias    | -35   | V    |
| Omega Bias    | -45   | 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   | 9639            | 0.81             |                    |
| 89   | 24708           | 0.69             |                    |
| 205  | 13013           | 0.61             |                    |

| Mass | Replicate 1<br>Count | Replicate 2<br>Count | Replicate 3<br>Count | Replicate 4<br>Count | Replicate 5<br>Count |
|------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 59   | 9608                 | 9773                 | 9590                 | 9639                 | 9586                 |
| 89   | 24768                | 24981                | 24588                | 24613                | 24591                |
| 205  | 13051                | 13111                | 12979                | 13027                | 12899                |

Integration Time [sec] = 0.1

Tune Parameters

## Plasma Paramters ##

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

## Lenses Parameters ##

| ParameterName | Value  | Unit | ParameterName | Value | Unit | ParameterName | Value | Unit |
|---------------|--------|------|---------------|-------|------|---------------|-------|------|
| Extract 1     | 0.0    | V    | Omega Lens    | 9.1   | V    | Deflect       | 2.4   | V    |
| Extract 2     | -115.0 | V    | Cell Entrance | -40   | V    | Plate Bias    | -60   | V    |
| Omega Bias    | -60    | V    | Cell Exit     | -60   | V    |               |       |      |

## Cell Parameters ##

| ParameterName | Value | Unit   | ParameterName | Value | Unit | ParameterName         | Value | Unit  |
|---------------|-------|--------|---------------|-------|------|-----------------------|-------|-------|
| Use Gas       | Yes   |        | OctP Bias     | -18.0 | V    | Energy Discrimination |       | 5.0 V |
| He Flow       | 4.1   | mL/min | OctP RF       | 200   | V    |                       |       |       |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-06-19 16:11:18 | DataFile Name :   | 004CALB.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.06    | 0.21    | -0.27   | 0.00       | N/A     | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Arsenic    | 75-2  | 0.00    | 0.01    | -0.01   | 0.00       | N/A     | ppb   |
| Barium     | 135-1 | 0.00    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | -0.01   | 0.00       | N/A     | ppb   |
| Beryllium  | 9-1   | -0.01   | -0.01   | 0.02    | 0.00       | N/A     | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Bismuth    | 209-2 |         |         |         | 100        |         | %     |
| Boron      | 10-1  | -0.02   | -0.18   | 0.21    | 0.00       | N/A     | ppb   |
| Boron      | 11-1  | -0.05   | 0.24    | -0.18   | 0.00       | N/A     | ppb   |
| Cadmium    | 111-1 | 0.00    | 0.06    | -0.06   | 0.00       | N/A     | ppb   |
| Cadmium    | 106-1 | 0.11    | 0.78    | -0.89   | 0.00       | N/A     | ppb   |
| Cadmium    | 108-1 | 0.07    | -0.02   | -0.06   | 0.00       | N/A     | ppb   |
| Calcium    | 43-1  | 1.09    | -0.32   | -0.77   | 0.00       | N/A     | ppb   |
| Calcium    | 44-1  | -0.17   | -0.30   | 0.47    | 0.00       | N/A     | ppb   |
| Chromium   | 52-2  | 0.01    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Copper     | 63-2  | 0.01    | -0.03   | 0.02    | 0.00       | N/A     | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 100        |         | %     |
| Holmium    | 165-2 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Iron       | 56-2  | -0.09   | 0.12    | -0.04   | 0.00       | N/A     | ppb   |
| Iron       | 57-2  | 1.23    | -1.67   | 0.43    | 0.00       | N/A     | ppb   |
| Lead       | 206-1 | 0.00    | -0.01   | 0.01    | 0.00       | N/A     | ppb   |
| Lead       | 207-1 | 0.01    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |
| Lead       | 208-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Lithium    | 6-1   |         |         |         | 100        |         | %     |
| Magnesium  | 24-2  | 0.21    | -0.88   | 0.67    | 0.00       | N/A     | ppb   |
| Manganese  | 55-2  | 0.00    | 0.00    | 0.01    | 0.00       | N/A     | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-06-19 16:11:18 | DataFile Name :   | 004CALB.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | -0.03   | 0.01    | 0.01    | 0.00       | N/A     | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 96-1  | -0.01   | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 97-1  | 0.01    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.02   | 0.05    | -0.03   | 0.00       | N/A     | ppb   |
| Phosphorus | 31-2  | -12.39  | -15.70  | 11.10   | -5.66      |         | ppb   |
| Potassium  | 39-2  | 6.39    | 1.71    | -8.10   | 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  | 0.16    | -0.47   | 0.30    | 0.00       | N/A     | ppb   |
| Selenium   | 82-1  | 0.31    | -0.25   | -0.05   | 0.00       | N/A     | ppb   |
| Silicon    | 28-1  | 0.05    | -0.33   | 0.28    | 0.00       | N/A     | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Sodium     | 23-2  | -0.75   | -0.18   | 0.94    | 0.00       | N/A     | ppb   |
| Strontium  | 86-1  | 0.05    | -0.01   | -0.03   | 0.00       | N/A     | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Sulfur     | 34-1  | 211.95  | 140.94  | 73.46   | 142.12     | 48.73   | 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 | 0.03    | -0.02   | -0.01   | 0.00       | N/A     | ppb   |
| Titanium   | 47-1  | 0.00    | 0.00    | 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  | 0.09    | -0.12   | 0.03    | 0.00       | N/A     | ppb   |
| Zirconium  | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-06-19 16:11:18 | DataFile Name :   | 004CALB.d |

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

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S2                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-06-19 16:35:44 | DataFile Name :   | 007CALS.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 17.04   | 18.32   | 16.59   | 17.32      | 5.19    | ppb   |
| Antimony   | 121-1 | 1.60    | 1.68    | 1.69    | 1.65       | 3.12    | ppb   |
| Arsenic    | 75-2  | 0.91    | 0.91    | 1.03    | 0.95       | 7.34    | ppb   |
| Barium     | 135-1 | 8.30    | 8.52    | 8.20    | 8.34       | 1.96    | ppb   |
| Barium     | 137-1 | 8.66    | 8.10    | 8.52    | 8.43       | 3.41    | ppb   |
| Beryllium  | 9-1   | 0.98    | 0.99    | 0.83    | 0.93       | 9.69    | ppb   |
| Bismuth    | 209-1 |         |         |         | 105        |         | %     |
| Bismuth    | 209-2 |         |         |         | 103        |         | %     |
| Boron      | 10-1  | 21.35   | 20.18   | 19.12   | 20.22      | 5.52    | ppb   |
| Boron      | 11-1  | 19.76   | 20.99   | 20.69   | 20.48      | 3.12    | ppb   |
| Cadmium    | 111-1 | 0.76    | 0.85    | 0.84    | 0.82       | 6.23    | ppb   |
| Cadmium    | 106-1 | -0.76   | 0.34    | 0.38    | -0.01      |         | ppb   |
| Cadmium    | 108-1 | 0.94    | 1.12    | 1.11    | 1.06       | 9.52    | ppb   |
| Calcium    | 43-1  | 378.91  | 426.84  | 420.02  | 408.59     | 6.35    | ppb   |
| Calcium    | 44-1  | 416.00  | 412.09  | 415.91  | 414.67     | 0.54    | ppb   |
| Chromium   | 52-2  | 1.89    | 1.83    | 1.80    | 1.84       | 2.44    | ppb   |
| Cobalt     | 59-2  | 0.90    | 0.86    | 0.87    | 0.87       | 2.37    | ppb   |
| Copper     | 63-2  | 1.69    | 1.67    | 1.78    | 1.71       | 3.54    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 105        |         | %     |
| Holmium    | 165-2 |         |         |         | 103        |         | %     |
| Indium     | 115-1 |         |         |         | 105        |         | %     |
| Indium     | 115-2 |         |         |         | 102        |         | %     |
| Iron       | 56-2  | 44.37   | 45.98   | 44.73   | 45.03      | 1.88    | ppb   |
| Iron       | 57-2  | 40.75   | 41.35   | 48.04   | 43.38      | 9.33    | ppb   |
| Lead       | 206-1 | 0.82    | 0.79    | 0.81    | 0.81       | 1.64    | ppb   |
| Lead       | 207-1 | 0.80    | 0.78    | 0.85    | 0.81       | 4.45    | ppb   |
| Lead       | 208-1 | 0.80    | 0.77    | 0.81    | 0.79       | 2.83    | ppb   |
| Lithium    | 6-1   |         |         |         | 107        |         | %     |
| Magnesium  | 24-2  | 427.57  | 426.65  | 410.34  | 421.52     | 2.30    | ppb   |
| Manganese  | 55-2  | 0.83    | 0.72    | 0.90    | 0.82       | 10.81   | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB96130             | Operator :        | Jaswal     |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S2                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-06-19 16:35:44 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 4.23    | 4.03    | 4.16    | 4.14       | 2.43    | ppb   |
| Molybdenum | 95-1  | 4.12    | 4.11    | 4.09    | 4.10       | 0.38    | ppb   |
| Molybdenum | 96-1  | 4.13    | 3.88    | 4.08    | 4.03       | 3.25    | ppb   |
| Molybdenum | 97-1  | 3.79    | 4.10    | 4.14    | 4.01       | 4.76    | ppb   |
| Molybdenum | 98-1  | 4.04    | 3.99    | 3.95    | 3.99       | 1.19    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.89    | 0.96    | 0.86    | 0.90       | 5.61    | ppb   |
| Phosphorus | 31-2  | 9.30    | 24.19   | -16.49  | 5.66       | 363.32  | ppb   |
| Potassium  | 39-2  | 420.36  | 412.63  | 428.61  | 420.53     | 1.90    | ppb   |
| Rhodium    | 103-1 |         |         |         | 105        |         | %     |
| Rhodium    | 103-2 |         |         |         | 103        |         | %     |
| Scandium   | 45-1  |         |         |         | 105        |         | %     |
| Scandium   | 45-2  |         |         |         | 104        |         | %     |
| Selenium   | 77-2  | 4.24    | 6.79    | 3.40    | 4.81       | 36.64   | ppb   |
| Selenium   | 78-2  | 3.87    | 4.44    | 3.63    | 3.98       | 10.43   | ppb   |
| Selenium   | 82-1  | 4.54    | 4.34    | 4.68    | 4.52       | 3.79    | ppb   |
| Silicon    | 28-1  | 10.78   | 10.50   | 10.63   | 10.63      | 1.32    | ppb   |
| Silver     | 109-1 | 0.92    | 0.90    | 0.91    | 0.91       | 1.21    | ppb   |
| Silver     | 107-1 | 0.91    | 0.89    | 0.96    | 0.92       | 3.92    | ppb   |
| Sodium     | 23-2  | 434.48  | 432.99  | 418.21  | 428.56     | 2.10    | ppb   |
| Strontium  | 86-1  | 0.83    | 0.75    | 0.75    | 0.78       | 6.16    | ppb   |
| Strontium  | 88-1  | 0.82    | 0.84    | 0.84    | 0.84       | 1.22    | ppb   |
| Sulfur     | 34-1  | -131.51 | -157.44 | -137.40 | -142.12    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 106        |         | %     |
| Terbium    | 159-2 |         |         |         | 103        |         | %     |
| Thallium   | 203-1 | 0.83    | 0.79    | 0.77    | 0.80       | 3.89    | ppb   |
| Thallium   | 205-1 | 0.85    | 0.81    | 0.75    | 0.81       | 6.00    | ppb   |
| Tin        | 118-1 | 4.65    | 4.67    | 4.40    | 4.57       | 3.31    | ppb   |
| Titanium   | 47-1  | 4.05    | 4.17    | 4.25    | 4.16       | 2.51    | ppb   |
| Uranium    | 238-1 | 0.74    | 0.78    | 0.78    | 0.77       | 2.80    | ppb   |
| Vanadium   | 51-2  | 4.11    | 4.26    | 4.07    | 4.15       | 2.43    | ppb   |
| Yttrium    | 89-1  |         |         |         | 106        |         | %     |
| Yttrium    | 89-2  |         |         |         | 103        |         | %     |
| Zinc       | 66-2  | 2.01    | 2.20    | 2.22    | 2.14       | 5.43    | ppb   |
| Zirconium  | 90-1  | 0.83    | 0.85    | 0.83    | 0.84       | 1.79    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S2                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-06-19 16:35:44 | DataFile Name :   | 007CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.82    | 0.86    | 0.73    | 0.80       | 8.45    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB96130             | Operator :        | Jaswal     |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S3                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-06-19 16:39:37 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 916.24  | 890.44  | 914.88  | 907.19     | 1.60    | ppb   |
| Antimony   | 121-1 | 44.17   | 43.33   | 43.26   | 43.58      | 1.16    | ppb   |
| Arsenic    | 75-2  | 46.64   | 45.08   | 47.09   | 46.27      | 2.29    | ppb   |
| Barium     | 135-1 | 221.79  | 214.24  | 220.67  | 218.90     | 1.86    | ppb   |
| Barium     | 137-1 | 221.03  | 218.93  | 221.08  | 220.35     | 0.56    | ppb   |
| Beryllium  | 9-1   | 44.44   | 44.16   | 44.64   | 44.41      | 0.55    | ppb   |
| Bismuth    | 209-1 |         |         |         | 114        |         | %     |
| Bismuth    | 209-2 |         |         |         | 106        |         | %     |
| Boron      | 10-1  | 43.38   | 40.34   | 39.47   | 41.07      | 4.99    | ppb   |
| Boron      | 11-1  | 41.12   | 40.37   | 40.82   | 40.77      | 0.92    | ppb   |
| Cadmium    | 111-1 | 46.86   | 45.89   | 46.29   | 46.35      | 1.06    | ppb   |
| Cadmium    | 106-1 | 47.20   | 47.25   | 45.08   | 46.51      | 2.66    | ppb   |
| Cadmium    | 108-1 | 47.00   | 44.77   | 45.54   | 45.77      | 2.47    | ppb   |
| Calcium    | 43-1  | 4527.02 | 4408.31 | 4500.17 | 4478.50    | 1.39    | ppb   |
| Calcium    | 44-1  | 4507.85 | 4383.57 | 4440.99 | 4444.14    | 1.40    | ppb   |
| Chromium   | 52-2  | 45.49   | 43.92   | 46.81   | 45.40      | 3.19    | ppb   |
| Cobalt     | 59-2  | 45.54   | 45.47   | 47.72   | 46.24      | 2.76    | ppb   |
| Copper     | 63-2  | 94.49   | 92.33   | 94.71   | 93.84      | 1.40    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 113        |         | %     |
| Holmium    | 165-2 |         |         |         | 107        |         | %     |
| Indium     | 115-1 |         |         |         | 111        |         | %     |
| Indium     | 115-2 |         |         |         | 106        |         | %     |
| Iron       | 56-2  | 2384.95 | 2372.53 | 2450.20 | 2402.56    | 1.74    | ppb   |
| Iron       | 57-2  | 2393.36 | 2360.08 | 2439.34 | 2397.59    | 1.66    | ppb   |
| Lead       | 206-1 | 40.87   | 40.32   | 40.81   | 40.67      | 0.74    | ppb   |
| Lead       | 207-1 | 41.49   | 40.69   | 40.83   | 41.00      | 1.05    | ppb   |
| Lead       | 208-1 | 41.41   | 40.62   | 41.10   | 41.05      | 0.97    | ppb   |
| Lithium    | 6-1   |         |         |         | 115        |         | %     |
| Magnesium  | 24-2  | 4514.18 | 4510.75 | 4603.33 | 4542.75    | 1.16    | ppb   |
| Manganese  | 55-2  | 89.13   | 89.36   | 92.00   | 90.17      | 1.76    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB96130             | Operator :        | Jaswal     |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S3                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-06-19 16:39:37 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 214.62  | 209.57  | 212.77  | 212.32     | 1.21    | ppb   |
| Molybdenum | 95-1  | 215.58  | 208.51  | 213.00  | 212.36     | 1.68    | ppb   |
| Molybdenum | 96-1  | 215.42  | 208.55  | 213.69  | 212.55     | 1.68    | ppb   |
| Molybdenum | 97-1  | 213.86  | 208.51  | 212.89  | 211.75     | 1.35    | ppb   |
| Molybdenum | 98-1  | 214.00  | 208.07  | 212.58  | 211.55     | 1.47    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 46.80   | 46.86   | 48.34   | 47.34      | 1.85    | ppb   |
| Phosphorus | 31-2  | 909.23  | 955.62  | 913.09  | 925.98     | 2.78    | ppb   |
| Potassium  | 39-2  | 2239.29 | 2255.91 | 2336.41 | 2277.20    | 2.28    | ppb   |
| Rhodium    | 103-1 |         |         |         | 111        |         | %     |
| Rhodium    | 103-2 |         |         |         | 106        |         | %     |
| Scandium   | 45-1  |         |         |         | 113        |         | %     |
| Scandium   | 45-2  |         |         |         | 107        |         | %     |
| Selenium   | 77-2  | 53.23   | 44.14   | 45.82   | 47.73      | 10.13   | ppb   |
| Selenium   | 78-2  | 46.74   | 41.81   | 42.83   | 43.79      | 5.95    | ppb   |
| Selenium   | 82-1  | 44.32   | 44.33   | 43.46   | 44.04      | 1.14    | ppb   |
| Silicon    | 28-1  | 39.13   | 35.66   | 37.19   | 37.33      | 4.66    | ppb   |
| Silver     | 109-1 | 46.70   | 44.34   | 45.96   | 45.67      | 2.65    | ppb   |
| Silver     | 107-1 | 47.56   | 45.97   | 47.29   | 46.94      | 1.81    | ppb   |
| Sodium     | 23-2  | 4538.09 | 4579.59 | 4713.24 | 4610.31    | 1.99    | ppb   |
| Strontium  | 86-1  | 42.44   | 41.89   | 42.59   | 42.31      | 0.87    | ppb   |
| Strontium  | 88-1  | 42.99   | 41.95   | 43.20   | 42.71      | 1.57    | ppb   |
| Sulfur     | 34-1  | 217.87  | 64.89   | -16.09  | 88.89      | 133.66  | ppb   |
| Terbium    | 159-1 |         |         |         | 115        |         | %     |
| Terbium    | 159-2 |         |         |         | 107        |         | %     |
| Thallium   | 203-1 | 40.95   | 39.96   | 39.77   | 40.23      | 1.58    | ppb   |
| Thallium   | 205-1 | 41.30   | 40.55   | 41.25   | 41.03      | 1.03    | ppb   |
| Tin        | 118-1 | 45.33   | 44.03   | 44.16   | 44.51      | 1.61    | ppb   |
| Titanium   | 47-1  | 210.84  | 205.79  | 206.00  | 207.54     | 1.38    | ppb   |
| Uranium    | 238-1 | 39.77   | 39.10   | 40.01   | 39.63      | 1.19    | ppb   |
| Vanadium   | 51-2  | 45.52   | 44.86   | 46.12   | 45.50      | 1.38    | ppb   |
| Yttrium    | 89-1  |         |         |         | 113        |         | %     |
| Yttrium    | 89-2  |         |         |         | 106        |         | %     |
| Zinc       | 66-2  | 92.60   | 91.52   | 95.02   | 93.05      | 1.93    | ppb   |
| Zirconium  | 90-1  | 42.64   | 41.32   | 42.30   | 42.09      | 1.62    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S3                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-06-19 16:39:37 | DataFile Name :   | 008CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 42.26   | 41.12   | 43.36   | 42.25      | 2.65    | ppb   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB96130             | Operator :        | Jaswal     |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S4                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-06-19 16:43:30 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 2315.18  | 2291.15  | 2287.83  | 2298.05    | 0.65    | ppb   |
| Antimony   | 121-1 | 108.02   | 106.46   | 107.23   | 107.24     | 0.73    | ppb   |
| Arsenic    | 75-2  | 113.57   | 113.00   | 115.36   | 113.97     | 1.08    | ppb   |
| Barium     | 135-1 | 545.01   | 537.36   | 546.92   | 543.10     | 0.93    | ppb   |
| Barium     | 137-1 | 548.06   | 543.79   | 546.29   | 546.05     | 0.39    | ppb   |
| Beryllium  | 9-1   | 110.22   | 109.31   | 109.64   | 109.72     | 0.42    | ppb   |
| Bismuth    | 209-1 |          |          |          | 120        |         | %     |
| Bismuth    | 209-2 |          |          |          | 114        |         | %     |
| Boron      | 10-1  | 105.37   | 98.93    | 106.21   | 103.50     | 3.85    | ppb   |
| Boron      | 11-1  | 101.38   | 102.19   | 104.10   | 102.56     | 1.36    | ppb   |
| Cadmium    | 111-1 | 113.25   | 110.94   | 112.98   | 112.39     | 1.12    | ppb   |
| Cadmium    | 106-1 | 111.76   | 110.54   | 115.16   | 112.49     | 2.13    | ppb   |
| Cadmium    | 108-1 | 113.02   | 112.93   | 114.30   | 113.42     | 0.68    | ppb   |
| Calcium    | 43-1  | 11135.20 | 11221.06 | 11142.72 | 11166.33   | 0.43    | ppb   |
| Calcium    | 44-1  | 11294.67 | 11149.19 | 11192.93 | 11212.26   | 0.67    | ppb   |
| Chromium   | 52-2  | 114.06   | 112.92   | 114.26   | 113.75     | 0.63    | ppb   |
| Cobalt     | 59-2  | 116.34   | 115.65   | 115.18   | 115.73     | 0.51    | ppb   |
| Copper     | 63-2  | 234.84   | 233.31   | 234.91   | 234.35     | 0.39    | 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 |          |          |          | 119        |         | %     |
| Holmium    | 165-2 |          |          |          | 115        |         | %     |
| Indium     | 115-1 |          |          |          | 113        |         | %     |
| Indium     | 115-2 |          |          |          | 111        |         | %     |
| Iron       | 56-2  | 6006.05  | 5950.64  | 5949.41  | 5968.70    | 0.54    | ppb   |
| Iron       | 57-2  | 6087.63  | 5984.72  | 6010.18  | 6027.51    | 0.89    | ppb   |
| Lead       | 206-1 | 103.04   | 102.25   | 103.23   | 102.84     | 0.51    | ppb   |
| Lead       | 207-1 | 104.24   | 102.15   | 102.57   | 102.99     | 1.07    | ppb   |
| Lead       | 208-1 | 104.04   | 102.43   | 103.24   | 103.24     | 0.78    | ppb   |
| Lithium    | 6-1   |          |          |          | 120        |         | %     |
| Magnesium  | 24-2  | 11544.70 | 11529.71 | 11557.45 | 11543.95   | 0.12    | ppb   |
| Manganese  | 55-2  | 229.69   | 226.08   | 225.77   | 227.18     | 0.96    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB96130             | Operator :        | Jaswal     |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S4                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-06-19 16:43:30 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 537.38   | 531.91   | 541.31   | 536.87     | 0.88    | ppb   |
| Molybdenum | 95-1  | 535.49   | 532.31   | 538.17   | 535.32     | 0.55    | ppb   |
| Molybdenum | 96-1  | 539.40   | 534.14   | 538.67   | 537.40     | 0.53    | ppb   |
| Molybdenum | 97-1  | 538.06   | 533.22   | 533.09   | 534.79     | 0.53    | ppb   |
| Molybdenum | 98-1  | 537.06   | 532.68   | 531.60   | 533.78     | 0.54    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 118.12   | 117.24   | 116.51   | 117.29     | 0.69    | ppb   |
| Phosphorus | 31-2  | 2333.45  | 2395.98  | 2390.49  | 2373.31    | 1.46    | ppb   |
| Potassium  | 39-2  | 5774.43  | 5707.69  | 5737.37  | 5739.83    | 0.58    | ppb   |
| Rhodium    | 103-1 |          |          |          | 112        |         | %     |
| Rhodium    | 103-2 |          |          |          | 111        |         | %     |
| Scandium   | 45-1  |          |          |          | 114        |         | %     |
| Scandium   | 45-2  |          |          |          | 113        |         | %     |
| Selenium   | 77-2  | 94.33    | 126.84   | 139.27   | 120.15     | 19.31   | ppb   |
| Selenium   | 78-2  | 112.59   | 119.16   | 111.20   | 114.32     | 3.72    | ppb   |
| Selenium   | 82-1  | 112.95   | 110.32   | 112.36   | 111.88     | 1.24    | ppb   |
| Silicon    | 28-1  | 100.29   | 98.44    | 99.70    | 99.47      | 0.95    | ppb   |
| Silver     | 109-1 | 112.60   | 111.11   | 113.06   | 112.26     | 0.91    | ppb   |
| Silver     | 107-1 | 114.13   | 112.82   | 115.36   | 114.11     | 1.11    | ppb   |
| Sodium     | 23-2  | 11822.03 | 11682.46 | 11775.14 | 11759.88   | 0.60    | ppb   |
| Strontium  | 86-1  | 105.18   | 105.79   | 107.88   | 106.28     | 1.33    | ppb   |
| Strontium  | 88-1  | 107.68   | 106.05   | 107.71   | 107.15     | 0.88    | ppb   |
| Sulfur     | 34-1  | 945.01   | 921.96   | 873.08   | 913.35     | 4.02    | ppb   |
| Terbium    | 159-1 |          |          |          | 119        |         | %     |
| Terbium    | 159-2 |          |          |          | 114        |         | %     |
| Thallium   | 203-1 | 101.82   | 101.56   | 102.80   | 102.06     | 0.64    | ppb   |
| Thallium   | 205-1 | 103.80   | 102.27   | 103.80   | 103.29     | 0.85    | ppb   |
| Tin        | 118-1 | 108.38   | 107.33   | 108.91   | 108.21     | 0.74    | ppb   |
| Titanium   | 47-1  | 524.28   | 518.90   | 521.38   | 521.52     | 0.52    | ppb   |
| Uranium    | 238-1 | 101.83   | 100.18   | 101.64   | 101.21     | 0.89    | ppb   |
| Vanadium   | 51-2  | 114.14   | 113.06   | 115.15   | 114.12     | 0.91    | ppb   |
| Yttrium    | 89-1  |          |          |          | 115        |         | %     |
| Yttrium    | 89-2  |          |          |          | 112        |         | %     |
| Zinc       | 66-2  | 235.72   | 230.23   | 232.55   | 232.83     | 1.18    | ppb   |
| Zirconium  | 90-1  | 105.57   | 104.60   | 106.32   | 105.50     | 0.82    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S4                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-06-19 16:43:30 | DataFile Name :   | 009CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 106.07  | 105.83  | 105.21  | 105.70     | 0.42    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB96130             | Operator :        | Jaswal     |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S5                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-06-19 16:47:20 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 5100.90  | 4984.86  | 4922.83  | 5002.86    | 1.81    | ppb   |
| Antimony   | 121-1 | 238.33   | 232.16   | 235.48   | 235.32     | 1.31    | ppb   |
| Arsenic    | 75-2  | 252.56   | 248.49   | 250.90   | 250.65     | 0.82    | ppb   |
| Barium     | 135-1 | 1206.89  | 1183.03  | 1194.96  | 1194.96    | 1.00    | ppb   |
| Barium     | 137-1 | 1214.67  | 1187.27  | 1204.62  | 1202.18    | 1.15    | ppb   |
| Beryllium  | 9-1   | 243.73   | 236.50   | 240.77   | 240.33     | 1.51    | ppb   |
| Bismuth    | 209-1 |          |          |          | 110        |         | %     |
| Bismuth    | 209-2 |          |          |          | 104        |         | %     |
| Boron      | 10-1  | 224.72   | 234.21   | 225.10   | 228.01     | 2.36    | ppb   |
| Boron      | 11-1  | 227.60   | 230.95   | 235.75   | 231.43     | 1.77    | ppb   |
| Cadmium    | 111-1 | 247.25   | 238.13   | 242.95   | 242.78     | 1.88    | ppb   |
| Cadmium    | 106-1 | 246.50   | 239.28   | 238.71   | 241.50     | 1.80    | ppb   |
| Cadmium    | 108-1 | 248.21   | 239.58   | 241.83   | 243.21     | 1.84    | ppb   |
| Calcium    | 43-1  | 25281.52 | 24396.68 | 24622.54 | 24766.91   | 1.86    | ppb   |
| Calcium    | 44-1  | 25064.46 | 24280.50 | 24581.71 | 24642.22   | 1.60    | ppb   |
| Chromium   | 52-2  | 252.64   | 247.09   | 246.40   | 248.71     | 1.37    | ppb   |
| Cobalt     | 59-2  | 254.58   | 247.68   | 247.04   | 249.77     | 1.67    | ppb   |
| Copper     | 63-2  | 514.95   | 499.04   | 498.16   | 504.05     | 1.87    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 109        |         | %     |
| Holmium    | 165-2 |          |          |          | 105        |         | %     |
| Indium     | 115-1 |          |          |          | 104        |         | %     |
| Indium     | 115-2 |          |          |          | 100        |         | %     |
| Iron       | 56-2  | 13303.13 | 12933.09 | 12833.97 | 13023.40   | 1.90    | ppb   |
| Iron       | 57-2  | 13410.26 | 12941.76 | 12921.85 | 13091.29   | 2.11    | ppb   |
| Lead       | 206-1 | 233.80   | 228.38   | 230.07   | 230.75     | 1.20    | ppb   |
| Lead       | 207-1 | 231.91   | 227.46   | 229.80   | 229.73     | 0.97    | ppb   |
| Lead       | 208-1 | 233.34   | 228.00   | 230.64   | 230.66     | 1.16    | ppb   |
| Lithium    | 6-1   |          |          |          | 109        |         | %     |
| Magnesium  | 24-2  | 25849.01 | 25264.56 | 25210.31 | 25441.29   | 1.39    | ppb   |
| Manganese  | 55-2  | 504.97   | 487.99   | 489.30   | 494.09     | 1.91    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB96130             | Operator :        | Jaswal     |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S5                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-06-19 16:47:20 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1212.41  | 1172.55  | 1186.65  | 1190.54    | 1.70    | ppb   |
| Molybdenum | 95-1  | 1215.31  | 1176.52  | 1193.56  | 1195.13    | 1.63    | ppb   |
| Molybdenum | 96-1  | 1211.88  | 1173.98  | 1197.05  | 1194.30    | 1.60    | ppb   |
| Molybdenum | 97-1  | 1205.78  | 1168.43  | 1186.06  | 1186.76    | 1.57    | ppb   |
| Molybdenum | 98-1  | 1220.18  | 1179.71  | 1208.74  | 1202.88    | 1.73    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 258.87   | 254.01   | 250.01   | 254.29     | 1.75    | ppb   |
| Phosphorus | 31-2  | 5058.64  | 4857.34  | 4966.27  | 4960.75    | 2.03    | ppb   |
| Potassium  | 39-2  | 12784.84 | 12466.01 | 12432.50 | 12561.11   | 1.55    | ppb   |
| Rhodium    | 103-1 |          |          |          | 101        |         | %     |
| Rhodium    | 103-2 |          |          |          | 99         |         | %     |
| Scandium   | 45-1  |          |          |          | 102        |         | %     |
| Scandium   | 45-2  |          |          |          | 102        |         | %     |
| Selenium   | 77-2  | 228.33   | 255.32   | 266.50   | 250.05     | 7.85    | ppb   |
| Selenium   | 78-2  | 254.88   | 263.21   | 245.86   | 254.65     | 3.41    | ppb   |
| Selenium   | 82-1  | 243.80   | 238.63   | 242.35   | 241.59     | 1.10    | ppb   |
| Silicon    | 28-1  | 238.53   | 231.74   | 237.35   | 235.88     | 1.54    | ppb   |
| Silver     | 109-1 | 245.73   | 239.15   | 241.31   | 242.06     | 1.38    | ppb   |
| Silver     | 107-1 | 248.42   | 242.25   | 246.38   | 245.68     | 1.28    | ppb   |
| Sodium     | 23-2  | 25950.81 | 25311.30 | 25348.69 | 25536.93   | 1.41    | ppb   |
| Strontium  | 86-1  | 237.64   | 230.62   | 234.74   | 234.33     | 1.51    | ppb   |
| Strontium  | 88-1  | 240.98   | 234.83   | 238.70   | 238.17     | 1.31    | ppb   |
| Sulfur     | 34-1  | 4497.51  | 4140.03  | 4308.39  | 4315.31    | 4.14    | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 105        |         | %     |
| Thallium   | 203-1 | 229.72   | 224.32   | 227.92   | 227.32     | 1.21    | ppb   |
| Thallium   | 205-1 | 236.34   | 230.88   | 234.32   | 233.85     | 1.18    | ppb   |
| Tin        | 118-1 | 240.53   | 232.31   | 238.26   | 237.03     | 1.79    | ppb   |
| Titanium   | 47-1  | 1168.68  | 1141.25  | 1157.99  | 1155.97    | 1.20    | ppb   |
| Uranium    | 238-1 | 234.17   | 230.14   | 232.13   | 232.14     | 0.87    | ppb   |
| Vanadium   | 51-2  | 250.19   | 245.93   | 245.72   | 247.28     | 1.02    | ppb   |
| Yttrium    | 89-1  |          |          |          | 103        |         | %     |
| Yttrium    | 89-2  |          |          |          | 100        |         | %     |
| Zinc       | 66-2  | 508.94   | 501.94   | 492.47   | 501.11     | 1.65    | ppb   |
| Zirconium  | 90-1  | 238.56   | 232.13   | 235.13   | 235.27     | 1.37    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S5                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-06-19 16:47:20 | DataFile Name :   | 010CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 237.60  | 231.17  | 235.92  | 234.90     | 1.42    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB96130             | Operator :        | Jaswal     |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S6                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-06-19 16:51:07 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 9902.37  | 9823.62  | 9630.75  | 9785.58    | 1.43    | ppb   |
| Antimony   | 121-1 | 479.55   | 465.11   | 462.93   | 469.20     | 1.93    | ppb   |
| Arsenic    | 75-2  | 496.51   | 486.97   | 481.50   | 488.32     | 1.56    | ppb   |
| Barium     | 135-1 | 2451.64  | 2369.09  | 2363.29  | 2394.67    | 2.06    | ppb   |
| Barium     | 137-1 | 2395.81  | 2318.13  | 2332.12  | 2348.69    | 1.76    | ppb   |
| Beryllium  | 9-1   | 488.51   | 473.93   | 473.11   | 478.52     | 1.81    | ppb   |
| Bismuth    | 209-1 |          |          |          | 110        |         | %     |
| Bismuth    | 209-2 |          |          |          | 102        |         | %     |
| Boron      | 10-1  | 471.90   | 471.81   | 466.15   | 469.96     | 0.70    | ppb   |
| Boron      | 11-1  | 469.79   | 467.18   | 473.30   | 470.09     | 0.65    | ppb   |
| Cadmium    | 111-1 | 485.57   | 471.16   | 469.32   | 475.35     | 1.87    | ppb   |
| Cadmium    | 106-1 | 491.33   | 468.61   | 475.07   | 478.34     | 2.45    | ppb   |
| Cadmium    | 108-1 | 488.57   | 471.76   | 474.77   | 478.37     | 1.87    | ppb   |
| Calcium    | 43-1  | 50621.65 | 49424.28 | 48964.25 | 49670.06   | 1.72    | ppb   |
| Calcium    | 44-1  | 50283.49 | 49046.40 | 48694.08 | 49341.32   | 1.69    | ppb   |
| Chromium   | 52-2  | 493.63   | 494.56   | 479.17   | 489.12     | 1.76    | ppb   |
| Cobalt     | 59-2  | 498.20   | 490.55   | 479.95   | 489.57     | 1.87    | ppb   |
| Copper     | 63-2  | 993.69   | 990.93   | 974.86   | 986.49     | 1.03    | 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 |          |          |          | 108        |         | %     |
| Holmium    | 165-2 |          |          |          | 104        |         | %     |
| Indium     | 115-1 |          |          |          | 101        |         | %     |
| Indium     | 115-2 |          |          |          | 97         |         | %     |
| Iron       | 56-2  | 25888.17 | 25612.88 | 25227.43 | 25576.16   | 1.30    | ppb   |
| Iron       | 57-2  | 26058.09 | 25813.76 | 25374.62 | 25748.82   | 1.35    | ppb   |
| Lead       | 206-1 | 468.42   | 457.92   | 457.70   | 461.35     | 1.33    | ppb   |
| Lead       | 207-1 | 470.00   | 456.89   | 456.68   | 461.19     | 1.65    | ppb   |
| Lead       | 208-1 | 474.18   | 462.75   | 460.79   | 465.91     | 1.55    | ppb   |
| Lithium    | 6-1   |          |          |          | 107        |         | %     |
| Magnesium  | 24-2  | 49877.98 | 50007.36 | 48841.64 | 49575.66   | 1.29    | ppb   |
| Manganese  | 55-2  | 986.09   | 984.38   | 960.19   | 976.89     | 1.48    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB96130             | Operator :        | Jaswal     |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S6                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-06-19 16:51:07 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 2392.48  | 2331.62  | 2378.10  | 2367.40    | 1.34    | ppb   |
| Molybdenum | 95-1  | 2405.23  | 2336.93  | 2320.12  | 2354.10    | 1.91    | ppb   |
| Molybdenum | 96-1  | 2410.51  | 2333.72  | 2321.32  | 2355.18    | 2.05    | ppb   |
| Molybdenum | 97-1  | 2432.39  | 2374.51  | 2353.81  | 2386.90    | 1.71    | ppb   |
| Molybdenum | 98-1  | 2380.43  | 2335.06  | 2319.33  | 2344.94    | 1.35    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 494.74   | 496.98   | 488.49   | 493.40     | 0.89    | ppb   |
| Phosphorus | 31-2  | 9963.28  | 10167.08 | 9795.85  | 9975.40    | 1.86    | ppb   |
| Potassium  | 39-2  | 24873.58 | 24929.04 | 24512.34 | 24771.65   | 0.91    | ppb   |
| Rhodium    | 103-1 |          |          |          | 97         |         | %     |
| Rhodium    | 103-2 |          |          |          | 97         |         | %     |
| Scandium   | 45-1  |          |          |          | 98         |         | %     |
| Scandium   | 45-2  |          |          |          | 100        |         | %     |
| Selenium   | 77-2  | 477.87   | 462.29   | 498.95   | 479.70     | 3.84    | ppb   |
| Selenium   | 78-2  | 490.16   | 487.92   | 496.82   | 491.64     | 0.94    | ppb   |
| Selenium   | 82-1  | 492.07   | 476.45   | 475.29   | 481.27     | 1.95    | ppb   |
| Silicon    | 28-1  | 490.95   | 475.50   | 475.76   | 480.74     | 1.84    | ppb   |
| Silver     | 109-1 | 485.77   | 469.50   | 470.94   | 475.40     | 1.89    | ppb   |
| Silver     | 107-1 | 491.20   | 478.66   | 475.72   | 481.86     | 1.71    | ppb   |
| Sodium     | 23-2  | 50750.64 | 50713.05 | 49555.63 | 50339.77   | 1.35    | ppb   |
| Strontium  | 86-1  | 479.63   | 470.00   | 464.26   | 471.29     | 1.65    | ppb   |
| Strontium  | 88-1  | 481.89   | 469.28   | 466.80   | 472.66     | 1.71    | ppb   |
| Sulfur     | 34-1  | 9378.32  | 8482.22  | 8553.78  | 8804.77    | 5.66    | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 104        |         | %     |
| Thallium   | 203-1 | 462.97   | 457.44   | 454.99   | 458.47     | 0.89    | ppb   |
| Thallium   | 205-1 | 483.36   | 478.08   | 474.99   | 478.81     | 0.88    | ppb   |
| Tin        | 118-1 | 484.30   | 468.78   | 468.20   | 473.76     | 1.93    | ppb   |
| Titanium   | 47-1  | 2371.03  | 2308.21  | 2292.46  | 2323.90    | 1.79    | ppb   |
| Uranium    | 238-1 | 470.63   | 459.48   | 455.56   | 461.89     | 1.69    | ppb   |
| Vanadium   | 51-2  | 490.82   | 489.98   | 482.69   | 487.83     | 0.92    | ppb   |
| Yttrium    | 89-1  |          |          |          | 101        |         | %     |
| Yttrium    | 89-2  |          |          |          | 99         |         | %     |
| Zinc       | 66-2  | 1001.04  | 980.20   | 967.57   | 982.94     | 1.72    | ppb   |
| Zirconium  | 90-1  | 486.84   | 473.75   | 470.27   | 476.96     | 1.83    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S6                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-06-19 16:51:07 | DataFile Name :   | 011CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 482.40  | 465.67  | 464.44  | 470.84     | 2.13    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB96130             | Operator :        | Jaswal     |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S7                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-06-19 16:54:53 | DataFile Name :   | 012CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 20591.72  | 20085.53  | 19962.03  | 20213.09   | 1.65    | ppb   |
| Antimony   | 121-1 | 1127.88   | 980.76    | 956.20    | 1021.61    | 9.09    | ppb   |
| Arsenic    | 75-2  | 1012.25   | 1006.36   | 1003.12   | 1007.24    | 0.46    | ppb   |
| Barium     | 135-1 | 5629.18   | 4842.43   | 4763.06   | 5078.22    | 9.43    | ppb   |
| Barium     | 137-1 | 5662.23   | 4881.76   | 4752.91   | 5098.97    | 9.65    | ppb   |
| Beryllium  | 9-1   | 1109.36   | 976.70    | 959.98    | 1015.35    | 8.06    | ppb   |
| Bismuth    | 209-1 |           |           |           | 100        |         | %     |
| Bismuth    | 209-2 |           |           |           | 99         |         | %     |
| Boron      | 10-1  | 1093.37   | 987.46    | 990.49    | 1023.77    | 5.89    | ppb   |
| Boron      | 11-1  | 1076.71   | 998.39    | 993.83    | 1022.98    | 4.55    | ppb   |
| Cadmium    | 111-1 | 1124.67   | 972.98    | 950.02    | 1015.89    | 9.34    | ppb   |
| Cadmium    | 106-1 | 1142.95   | 959.24    | 941.90    | 1014.70    | 10.98   | ppb   |
| Cadmium    | 108-1 | 1127.87   | 972.19    | 942.47    | 1014.17    | 9.82    | ppb   |
| Calcium    | 43-1  | 120634.52 | 103021.31 | 101902.20 | 108519.34  | 9.68    | ppb   |
| Calcium    | 44-1  | 120303.07 | 103482.20 | 101349.59 | 108378.28  | 9.58    | ppb   |
| Chromium   | 52-2  | 1024.89   | 994.69    | 1002.63   | 1007.40    | 1.55    | ppb   |
| Cobalt     | 59-2  | 1024.72   | 1003.64   | 991.51    | 1006.62    | 1.67    | ppb   |
| Copper     | 63-2  | 2040.15   | 1999.76   | 1984.10   | 2008.01    | 1.44    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 101        |         | %     |
| Holmium    | 165-2 |           |           |           | 103        |         | %     |
| Indium     | 115-1 |           |           |           | 91         |         | %     |
| Indium     | 115-2 |           |           |           | 94         |         | %     |
| Iron       | 56-2  | 53963.66  | 52134.40  | 51919.86  | 52672.64   | 2.13    | ppb   |
| Iron       | 57-2  | 53943.81  | 52807.39  | 52240.32  | 52997.18   | 1.64    | ppb   |
| Lead       | 206-1 | 1144.84   | 977.78    | 959.51    | 1027.38    | 9.94    | ppb   |
| Lead       | 207-1 | 1141.98   | 978.53    | 962.52    | 1027.67    | 9.66    | ppb   |
| Lead       | 208-1 | 1138.77   | 974.97    | 961.41    | 1025.05    | 9.63    | ppb   |
| Lithium    | 6-1   |           |           |           | 99         |         | %     |
| Magnesium  | 24-2  | 104103.49 | 100770.49 | 100798.07 | 101890.68  | 1.88    | ppb   |
| Manganese  | 55-2  | 2045.76   | 2002.12   | 2001.26   | 2016.38    | 1.26    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB96130             | Operator :        | Jaswal     |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S7                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-06-19 16:54:53 | DataFile Name :   | 012CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 5602.92   | 4893.08   | 4786.20   | 5094.07    | 8.71    | ppb   |
| Molybdenum | 95-1  | 5603.45   | 4898.67   | 4797.17   | 5099.76    | 8.61    | ppb   |
| Molybdenum | 96-1  | 5581.39   | 4918.49   | 4797.59   | 5099.16    | 8.28    | ppb   |
| Molybdenum | 97-1  | 5585.60   | 4879.03   | 4792.01   | 5085.55    | 8.56    | ppb   |
| Molybdenum | 98-1  | 5617.65   | 4883.59   | 4806.67   | 5102.64    | 8.77    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 1025.88   | 995.04    | 989.04    | 1003.32    | 1.97    | ppb   |
| Phosphorus | 31-2  | 20433.22  | 19916.99  | 19774.73  | 20041.65   | 1.73    | ppb   |
| Potassium  | 39-2  | 51159.23  | 49847.29  | 49770.67  | 50259.06   | 1.55    | ppb   |
| Rhodium    | 103-1 |           |           |           | 88         |         | %     |
| Rhodium    | 103-2 |           |           |           | 94         |         | %     |
| Scandium   | 45-1  |           |           |           | 90         |         | %     |
| Scandium   | 45-2  |           |           |           | 98         |         | %     |
| Selenium   | 77-2  | 1020.98   | 1026.67   | 984.93    | 1010.86    | 2.24    | ppb   |
| Selenium   | 78-2  | 1007.21   | 1013.00   | 993.80    | 1004.67    | 0.98    | ppb   |
| Selenium   | 82-1  | 1115.61   | 971.72    | 952.89    | 1013.41    | 8.78    | ppb   |
| Silicon    | 28-1  | 1128.56   | 965.06    | 957.33    | 1016.98    | 9.51    | ppb   |
| Silver     | 109-1 | 1116.13   | 978.54    | 953.61    | 1016.09    | 8.61    | ppb   |
| Silver     | 107-1 | 1121.83   | 966.24    | 946.93    | 1011.67    | 9.48    | ppb   |
| Sodium     | 23-2  | 105117.45 | 102073.72 | 102369.58 | 103186.92  | 1.63    | ppb   |
| Strontium  | 86-1  | 1127.87   | 979.15    | 955.97    | 1020.99    | 9.14    | ppb   |
| Strontium  | 88-1  | 1121.34   | 978.63    | 957.70    | 1019.22    | 8.74    | ppb   |
| Sulfur     | 34-1  | 24112.02  | 19723.70  | 19202.29  | 21012.67   | 12.83   | ppb   |
| Terbium    | 159-1 |           |           |           | 101        |         | %     |
| Terbium    | 159-2 |           |           |           | 103        |         | %     |
| Thallium   | 203-1 | 1144.72   | 975.90    | 968.75    | 1029.79    | 9.67    | ppb   |
| Thallium   | 205-1 | 1126.37   | 969.00    | 958.02    | 1017.80    | 9.25    | ppb   |
| Tin        | 118-1 | 1130.14   | 975.70    | 950.38    | 1018.74    | 9.55    | ppb   |
| Titanium   | 47-1  | 5710.73   | 4887.66   | 4781.46   | 5126.62    | 9.92    | ppb   |
| Uranium    | 238-1 | 1140.79   | 981.27    | 958.98    | 1027.01    | 9.66    | ppb   |
| Vanadium   | 51-2  | 1022.57   | 1006.14   | 996.35    | 1008.35    | 1.31    | ppb   |
| Yttrium    | 89-1  |           |           |           | 93         |         | %     |
| Yttrium    | 89-2  |           |           |           | 97         |         | %     |
| Zinc       | 66-2  | 2042.22   | 1984.50   | 2005.52   | 2010.75    | 1.45    | ppb   |
| Zirconium  | 90-1  | 1120.53   | 977.00    | 956.59    | 1018.04    | 8.78    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S7                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-06-19 16:54:53 | DataFile Name :   | 012CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1123.15 | 982.59  | 957.73  | 1021.16    | 8.73    | ppb   |

LB Number : LB96130 Operator : Jaswal  
 Lab Sample ID : S8 Instrumnet Name : P7  
 Client Sample ID : S8 Dilution Factor : 1  
 Date & Time Acquired :: 2018-06-19 16:58:38 DataFile Name : 013CAL.S.d

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 99624.02  | 100286.06 | 100043.89 | 99984.66   | 0.34    | ppb   |
| Antimony   | 121-1 | 1.25      | 1.20      | 1.23      | 1.23       | 2.00    | ppb   |
| Arsenic    | 75-2  | 0.65      | 0.59      | 0.46      | 0.57       | 17.23   | ppb   |
| Barium     | 135-1 | 2.15      | 2.17      | 2.11      | 2.15       | 1.50    | ppb   |
| Barium     | 137-1 | 2.11      | 2.11      | 2.06      | 2.09       | 1.28    | ppb   |
| Beryllium  | 9-1   | 0.70      | 0.73      | 0.64      | 0.69       | 6.84    | ppb   |
| Bismuth    | 209-1 |           |           |           | 98         |         | %     |
| Bismuth    | 209-2 |           |           |           | 89         |         | %     |
| Boron      | 10-1  | 65.64     | 57.59     | 53.36     | 58.86      | 10.60   | ppb   |
| Boron      | 11-1  | 65.73     | 58.62     | 53.48     | 59.28      | 10.38   | ppb   |
| Cadmium    | 111-1 | 0.17      | 0.09      | 0.15      | 0.14       | 32.97   | ppb   |
| Cadmium    | 106-1 | -1.49     | -1.77     | -1.19     | -1.48      |         | ppb   |
| Cadmium    | 108-1 | 0.23      | 0.39      | 0.31      | 0.31       | 25.59   | ppb   |
| Calcium    | 43-1  | 504710.42 | 493688.19 | 496739.67 | 498379.43  | 1.14    | ppb   |
| Calcium    | 44-1  | 504973.09 | 493308.98 | 497055.75 | 498445.94  | 1.19    | ppb   |
| Chromium   | 52-2  | 45.35     | 44.50     | 44.44     | 44.76      | 1.14    | ppb   |
| Cobalt     | 59-2  | 1.82      | 1.79      | 1.83      | 1.81       | 1.06    | ppb   |
| Copper     | 63-2  | 4.46      | 4.30      | 4.40      | 4.39       | 1.84    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 106        |         | %     |
| Holmium    | 165-2 |           |           |           | 99         |         | %     |
| Indium     | 115-1 |           |           |           | 96         |         | %     |
| Indium     | 115-2 |           |           |           | 92         |         | %     |
| Iron       | 56-2  | 249568.24 | 248889.27 | 249711.58 | 249389.69  | 0.18    | ppb   |
| Iron       | 57-2  | 249204.11 | 249734.97 | 248969.04 | 249302.71  | 0.16    | ppb   |
| Lead       | 206-1 | 6.23      | 6.21      | 6.09      | 6.18       | 1.21    | ppb   |
| Lead       | 207-1 | 5.83      | 5.67      | 5.68      | 5.73       | 1.49    | ppb   |
| Lead       | 208-1 | 6.06      | 5.95      | 5.94      | 5.98       | 1.04    | ppb   |
| Lithium    | 6-1   |           |           |           | 102        |         | %     |
| Magnesium  | 24-2  | 499099.61 | 501977.35 | 497935.39 | 499670.79  | 0.42    | ppb   |
| Manganese  | 55-2  | 10.29     | 10.62     | 10.50     | 10.47      | 1.57    | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB96130             | Operator :        | Jaswal     |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S8                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-06-19 16:58:38 | DataFile Name :   | 013CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 6.29      | 6.07      | 6.49      | 6.28       | 3.30    | ppb   |
| Molybdenum | 95-1  | 8.31      | 8.29      | 8.43      | 8.34       | 0.86    | ppb   |
| Molybdenum | 96-1  | 9.46      | 8.91      | 8.95      | 9.11       | 3.38    | ppb   |
| Molybdenum | 97-1  | 8.85      | 8.01      | 8.27      | 8.37       | 5.12    | ppb   |
| Molybdenum | 98-1  | 8.38      | 8.01      | 8.08      | 8.15       | 2.40    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 27.92     | 28.87     | 27.61     | 28.13      | 2.33    | ppb   |
| Phosphorus | 31-2  | 0.00      | 9.47      | 28.76     | 12.74      | 115.05  | ppb   |
| Potassium  | 39-2  | 250044.48 | 249930.64 | 249974.20 | 249983.11  | 0.02    | ppb   |
| Rhodium    | 103-1 |           |           |           | 90         |         | %     |
| Rhodium    | 103-2 |           |           |           | 88         |         | %     |
| Scandium   | 45-1  |           |           |           | 98         |         | %     |
| Scandium   | 45-2  |           |           |           | 98         |         | %     |
| Selenium   | 77-2  | 1.80      | 0.00      | 1.82      | 1.21       | 86.61   | ppb   |
| Selenium   | 78-2  | -1.24     | -1.35     | 1.20      | -0.46      |         | ppb   |
| Selenium   | 82-1  | 1.13      | 1.15      | 1.44      | 1.24       | 13.59   | ppb   |
| Silicon    | 28-1  | 61.19     | 60.03     | 59.22     | 60.15      | 1.64    | ppb   |
| Silver     | 109-1 | 0.17      | 0.17      | 0.17      | 0.17       | 2.70    | ppb   |
| Silver     | 107-1 | 0.17      | 0.16      | 0.14      | 0.16       | 8.60    | ppb   |
| Sodium     | 23-2  | 498582.11 | 499322.84 | 500067.84 | 499324.26  | 0.15    | ppb   |
| Strontium  | 86-1  | 34.66     | 32.69     | 32.62     | 33.32      | 3.48    | ppb   |
| Strontium  | 88-1  | 34.05     | 33.03     | 33.31     | 33.46      | 1.57    | ppb   |
| Sulfur     | 34-1  | -1110.90  | -1117.51  | -1174.17  | -1134.19   |         | ppb   |
| Terbium    | 159-1 |           |           |           | 106        |         | %     |
| Terbium    | 159-2 |           |           |           | 99         |         | %     |
| Thallium   | 203-1 | 0.66      | 0.59      | 0.55      | 0.60       | 8.48    | ppb   |
| Thallium   | 205-1 | 0.69      | 0.65      | 0.61      | 0.65       | 6.19    | ppb   |
| Tin        | 118-1 | 2.73      | 2.62      | 2.71      | 2.69       | 2.07    | ppb   |
| Titanium   | 47-1  | 3.25      | 3.11      | 2.86      | 3.07       | 6.43    | ppb   |
| Uranium    | 238-1 | 0.20      | 0.21      | 0.20      | 0.20       | 3.45    | ppb   |
| Vanadium   | 51-2  | 0.65      | 0.55      | 0.61      | 0.61       | 8.29    | ppb   |
| Yttrium    | 89-1  |           |           |           | 100        |         | %     |
| Yttrium    | 89-2  |           |           |           | 96         |         | %     |
| Zinc       | 66-2  | 11.51     | 11.06     | 11.15     | 11.24      | 2.12    | ppb   |
| Zirconium  | 90-1  | 0.39      | 0.34      | 0.38      | 0.37       | 6.31    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S8                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-06-19 16:58:38 | DataFile Name :   | 013CALS.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.39    | 0.33    | 0.32    | 0.35       | 11.53   | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB96130             | Operator :        | Jaswal     |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P7         |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-06-19 17:10:39 | DataFile Name :   | 014ICV01.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 494.84  | 491.94  | 494.85  | 493.88     | 0.34    | ppb   |
| Antimony   | 121-1 | 183.28  | 182.41  | 181.27  | 182.32     | 0.55    | ppb   |
| Arsenic    | 75-2  | 196.67  | 193.16  | 192.08  | 193.97     | 1.24    | ppb   |
| Barium     | 135-1 | 94.59   | 94.98   | 93.42   | 94.33      | 0.86    | ppb   |
| Barium     | 137-1 | 94.00   | 94.44   | 93.13   | 93.86      | 0.71    | ppb   |
| Beryllium  | 9-1   | 93.08   | 93.26   | 92.87   | 93.07      | 0.21    | ppb   |
| Bismuth    | 209-1 |         |         |         | 106        |         | %     |
| Bismuth    | 209-2 |         |         |         | 101        |         | %     |
| Boron      | 10-1  | 9.68    | 12.11   | 9.78    | 10.52      | 13.07   | ppb   |
| Boron      | 11-1  | 9.57    | 9.66    | 8.66    | 9.30       | 5.97    | ppb   |
| Cadmium    | 111-1 | 96.17   | 96.41   | 95.43   | 96.01      | 0.53    | ppb   |
| Cadmium    | 106-1 | 84.50   | 83.84   | 82.16   | 83.50      | 1.45    | ppb   |
| Cadmium    | 108-1 | 88.75   | 86.04   | 84.02   | 86.27      | 2.75    | ppb   |
| Calcium    | 43-1  | 1922.79 | 1884.68 | 1886.35 | 1897.94    | 1.13    | ppb   |
| Calcium    | 44-1  | 1894.10 | 1896.15 | 1903.19 | 1897.81    | 0.25    | ppb   |
| Chromium   | 52-2  | 94.55   | 92.92   | 92.86   | 93.44      | 1.02    | ppb   |
| Cobalt     | 59-2  | 97.49   | 96.96   | 96.96   | 97.13      | 0.31    | ppb   |
| Copper     | 63-2  | 99.21   | 99.16   | 98.33   | 98.90      | 0.50    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 104        |         | %     |
| Holmium    | 165-2 |         |         |         | 102        |         | %     |
| Indium     | 115-1 |         |         |         | 102        |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Iron       | 56-2  | 1003.11 | 987.34  | 987.39  | 992.61     | 0.92    | ppb   |
| Iron       | 57-2  | 1012.78 | 999.27  | 1003.95 | 1005.34    | 0.68    | ppb   |
| Lead       | 206-1 | 181.14  | 179.92  | 178.98  | 180.01     | 0.60    | ppb   |
| Lead       | 207-1 | 175.00  | 172.20  | 171.42  | 172.88     | 1.09    | ppb   |
| Lead       | 208-1 | 178.27  | 176.99  | 176.79  | 177.35     | 0.45    | ppb   |
| Lithium    | 6-1   |         |         |         | 105        |         | %     |
| Magnesium  | 24-2  | 1135.51 | 1130.83 | 1130.30 | 1132.21    | 0.25    | ppb   |
| Manganese  | 55-2  | 94.29   | 92.75   | 93.71   | 93.58      | 0.83    | ppb   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB96130             | Operator :        | Jaswal     |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P7         |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-06-19 17:10:39 | DataFile Name :   | 014ICV01.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.06    | 0.08    | 0.03    | 0.06       | 47.39   | ppb   |
| Molybdenum | 95-1  | 0.04    | 0.03    | 0.02    | 0.03       | 46.43   | ppb   |
| Molybdenum | 96-1  | 0.06    | 0.07    | 0.07    | 0.07       | 9.28    | ppb   |
| Molybdenum | 97-1  | 0.02    | 0.01    | 0.02    | 0.02       | 15.69   | ppb   |
| Molybdenum | 98-1  | 0.04    | 0.04    | 0.03    | 0.04       | 19.87   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 99.37   | 98.67   | 99.44   | 99.16      | 0.43    | ppb   |
| Phosphorus | 31-2  | -7.99   | -10.64  | -6.42   | -8.35      |         | ppb   |
| Potassium  | 39-2  | 1943.31 | 1938.40 | 1912.77 | 1931.50    | 0.85    | ppb   |
| Rhodium    | 103-1 |         |         |         | 102        |         | %     |
| Rhodium    | 103-2 |         |         |         | 101        |         | %     |
| Scandium   | 45-1  |         |         |         | 102        |         | %     |
| Scandium   | 45-2  |         |         |         | 102        |         | %     |
| Selenium   | 77-2  | 200.13  | 196.67  | 196.86  | 197.89     | 0.99    | ppb   |
| Selenium   | 78-2  | 207.93  | 198.72  | 202.60  | 203.08     | 2.28    | ppb   |
| Selenium   | 82-1  | 195.56  | 191.53  | 190.98  | 192.69     | 1.30    | ppb   |
| Silicon    | 28-1  | -1.88   | -1.44   | -3.34   | -2.22      |         | ppb   |
| Silver     | 109-1 | 96.37   | 96.48   | 96.01   | 96.28      | 0.26    | ppb   |
| Silver     | 107-1 | 98.15   | 98.52   | 97.87   | 98.18      | 0.33    | ppb   |
| Sodium     | 23-2  | 1983.25 | 1955.90 | 1950.64 | 1963.27    | 0.89    | ppb   |
| Strontium  | 86-1  | 2.08    | 2.19    | 2.10    | 2.13       | 2.77    | ppb   |
| Strontium  | 88-1  | 2.23    | 2.13    | 2.22    | 2.19       | 2.35    | ppb   |
| Sulfur     | 34-1  | -699.95 | -728.29 | -551.00 | -659.75    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 105        |         | %     |
| Terbium    | 159-2 |         |         |         | 102        |         | %     |
| Thallium   | 203-1 | 181.23  | 178.18  | 178.15  | 179.19     | 0.99    | ppb   |
| Thallium   | 205-1 | 185.47  | 183.65  | 183.95  | 184.36     | 0.53    | ppb   |
| Tin        | 118-1 | 0.05    | 0.04    | 0.04    | 0.05       | 16.01   | ppb   |
| Titanium   | 47-1  | 0.13    | 0.14    | 0.10    | 0.12       | 16.36   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 199.49  | ppb   |
| Vanadium   | 51-2  | 95.35   | 93.27   | 93.91   | 94.18      | 1.13    | ppb   |
| Yttrium    | 89-1  |         |         |         | 103        |         | %     |
| Yttrium    | 89-2  |         |         |         | 101        |         | %     |
| Zinc       | 66-2  | 195.03  | 192.96  | 194.13  | 194.04     | 0.53    | ppb   |
| Zirconium  | 90-1  | 0.02    | 0.00    | 0.00    | 0.01       | 175.23  | ppb   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB96130             | Operator :        | Jaswal     |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P7         |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-06-19 17:10:39 | DataFile Name :   | 014ICV01.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.04    | 0.03    | 0.05    | 0.04       | 22.25   | ppb   |

LB Number : LB96130 Operator : Jaswal  
 Lab Sample ID : ICB01 Instrumnet Name : P7  
 Client Sample ID : ICB01 Dilution Factor : 1  
 Date & Time Acquired :: 2018-06-19 17:35:50 DataFile Name : 015CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.10    | -0.56   | -0.09   | -0.19      |         | ppb   |
| Antimony   | 121-1 | 0.02    | 0.02    | 0.02    | 0.02       | 17.88   | ppb   |
| Arsenic    | 75-2  | 0.00    | 0.03    | -0.02   | 0.01       | 521.45  | ppb   |
| Barium     | 135-1 | 0.02    | 0.08    | 0.06    | 0.05       | 51.92   | ppb   |
| Barium     | 137-1 | 0.04    | 0.05    | 0.03    | 0.04       | 17.67   | ppb   |
| Beryllium  | 9-1   | 0.06    | 0.05    | 0.02    | 0.04       | 50.22   | ppb   |
| Bismuth    | 209-1 |         |         |         | 93         |         | %     |
| Bismuth    | 209-2 |         |         |         | 93         |         | %     |
| Boron      | 10-1  | 3.12    | 3.05    | 2.63    | 2.93       | 8.97    | ppb   |
| Boron      | 11-1  | 2.08    | 1.85    | 1.69    | 1.87       | 10.40   | ppb   |
| Cadmium    | 111-1 | -0.03   | -0.19   | -0.05   | -0.09      |         | ppb   |
| Cadmium    | 106-1 | -0.43   | -2.54   | -0.68   | -1.22      |         | ppb   |
| Cadmium    | 108-1 | -0.06   | -0.06   | -0.01   | -0.04      |         | ppb   |
| Calcium    | 43-1  | 1.42    | -0.07   | 2.84    | 1.40       | 103.99  | ppb   |
| Calcium    | 44-1  | 3.13    | 1.55    | 3.00    | 2.56       | 34.30   | ppb   |
| Chromium   | 52-2  | -0.02   | 0.01    | 0.01    | 0.00       | 906.12  | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.00    | 0.01    | 0.00       | 90.81   | ppb   |
| Copper     | 63-2  | 0.02    | 0.03    | -0.01   | 0.01       | 174.07  | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 94         |         | %     |
| Holmium    | 165-2 |         |         |         | 93         |         | %     |
| Indium     | 115-1 |         |         |         | 93         |         | %     |
| Indium     | 115-2 |         |         |         | 93         |         | %     |
| Iron       | 56-2  | 0.87    | 0.90    | 0.72    | 0.83       | 11.65   | ppb   |
| Iron       | 57-2  | -1.32   | 3.64    | -0.39   | 0.65       | 407.97  | ppb   |
| Lead       | 206-1 | 0.02    | 0.01    | 0.02    | 0.02       | 21.83   | ppb   |
| Lead       | 207-1 | 0.02    | 0.00    | 0.01    | 0.01       | 102.68  | ppb   |
| Lead       | 208-1 | 0.02    | 0.00    | 0.01    | 0.01       | 70.67   | ppb   |
| Lithium    | 6-1   |         |         |         | 95         |         | %     |
| Magnesium  | 24-2  | -0.17   | -0.96   | -0.85   | -0.66      |         | ppb   |
| Manganese  | 55-2  | 0.03    | 0.03    | 0.02    | 0.03       | 5.18    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-06-19 17:35:50 | DataFile Name :   | 015CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.01    | -0.02   | 0.04    | 0.01       | 271.86  | ppb   |
| Molybdenum | 95-1  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Molybdenum | 96-1  | 0.01    | 0.01    | 0.01    | 0.01       | 17.51   | ppb   |
| Molybdenum | 97-1  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Molybdenum | 98-1  | 0.02    | 0.01    | 0.01    | 0.01       | 58.86   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.05   | -0.04   | -0.05   | -0.05      |         | ppb   |
| Phosphorus | 31-2  | 47.10   | 1.83    | -12.03  | 12.30      | 251.43  | ppb   |
| Potassium  | 39-2  | 13.00   | 7.41    | 7.63    | 9.35       | 33.86   | ppb   |
| Rhodium    | 103-1 |         |         |         | 93         |         | %     |
| Rhodium    | 103-2 |         |         |         | 93         |         | %     |
| Scandium   | 45-1  |         |         |         | 93         |         | %     |
| Scandium   | 45-2  |         |         |         | 96         |         | %     |
| Selenium   | 77-2  | 0.00    | 1.89    | 0.00    | 0.63       | 173.21  | ppb   |
| Selenium   | 78-2  | -0.74   | 0.65    | 0.27    | 0.06       | 1199.77 | ppb   |
| Selenium   | 82-1  | 0.65    | 0.25    | 0.50    | 0.47       | 42.88   | ppb   |
| Silicon    | 28-1  | 4.56    | 4.50    | 3.63    | 4.23       | 12.21   | ppb   |
| Silver     | 109-1 | 0.00    | 0.01    | 0.00    | 0.00       | 119.81  | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.01    | 0.00       | 767.22  | ppb   |
| Sodium     | 23-2  | 13.28   | 12.95   | 12.23   | 12.82      | 4.18    | ppb   |
| Strontium  | 86-1  | -0.01   | 0.00    | -0.04   | -0.02      |         | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | 24.09   | ppb   |
| Sulfur     | 34-1  | 600.73  | 547.34  | 434.71  | 527.59     | 16.06   | ppb   |
| Terbium    | 159-1 |         |         |         | 95         |         | %     |
| Terbium    | 159-2 |         |         |         | 94         |         | %     |
| Thallium   | 203-1 | -0.01   | 0.00    | -0.01   | 0.00       |         | ppb   |
| Thallium   | 205-1 | 0.00    | 0.01    | 0.01    | 0.00       | 87.90   | ppb   |
| Tin        | 118-1 | 0.02    | 0.02    | 0.04    | 0.03       | 54.69   | ppb   |
| Titanium   | 47-1  | -0.01   | -0.05   | 0.01    | -0.01      |         | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.01    | 0.01    | 0.01       | 19.84   | ppb   |
| Yttrium    | 89-1  |         |         |         | 94         |         | %     |
| Yttrium    | 89-2  |         |         |         | 94         |         | %     |
| Zinc       | 66-2  | 0.61    | 0.67    | 0.66    | 0.65       | 4.58    | ppb   |
| Zirconium  | 90-1  | -0.01   | -0.02   | -0.01   | -0.01      |         | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-06-19 17:35:50 | DataFile Name :   | 015CCBE.d |

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

LB Number : LB96130 Operator : Jaswal  
 Lab Sample ID : ICSA01 Instrumnet Name : P7  
 Client Sample ID : ICSA01 Dilution Factor : 1  
 Date & Time Acquired :: 2018-06-19 17:39:25 DataFile Name : 016ICSA01.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 87379.13 | 87436.47 | 88250.20 | 87688.60   | 0.56    | ppb   |
| Antimony   | 121-1 | 1.21     | 1.25     | 1.19     | 1.22       | 2.50    | ppb   |
| Arsenic    | 75-2  | 0.32     | 0.31     | 0.29     | 0.31       | 6.19    | ppb   |
| Barium     | 135-1 | 1.60     | 1.26     | 1.30     | 1.39       | 13.37   | ppb   |
| Barium     | 137-1 | 1.31     | 1.36     | 1.51     | 1.39       | 7.37    | ppb   |
| Beryllium  | 9-1   | 0.38     | 0.30     | 0.29     | 0.32       | 14.75   | ppb   |
| Bismuth    | 209-1 |          |          |          | 99         |         | %     |
| Bismuth    | 209-2 |          |          |          | 98         |         | %     |
| Boron      | 10-1  | 3.50     | 3.59     | 4.77     | 3.95       | 17.99   | ppb   |
| Boron      | 11-1  | 3.33     | 3.56     | 3.60     | 3.50       | 4.24    | ppb   |
| Cadmium    | 111-1 | 0.06     | 0.35     | 0.31     | 0.24       | 64.86   | ppb   |
| Cadmium    | 106-1 | -2.94    | -1.28    | -0.98    | -1.73      |         | ppb   |
| Cadmium    | 108-1 | 9.14     | 8.78     | 7.73     | 8.55       | 8.60    | ppb   |
| Calcium    | 43-1  | 96644.13 | 95964.73 | 95309.40 | 95972.76   | 0.70    | ppb   |
| Calcium    | 44-1  | 96169.24 | 95532.36 | 94914.15 | 95538.58   | 0.66    | ppb   |
| Chromium   | 52-2  | 18.59    | 18.32    | 18.31    | 18.41      | 0.85    | ppb   |
| Cobalt     | 59-2  | 1.05     | 1.05     | 1.03     | 1.04       | 1.37    | ppb   |
| Copper     | 63-2  | 7.33     | 7.11     | 7.27     | 7.24       | 1.53    | 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 |          |          |          | 104        |         | %     |
| Indium     | 115-1 |          |          |          | 96         |         | %     |
| Indium     | 115-2 |          |          |          | 97         |         | %     |
| Iron       | 56-2  | 97738.12 | 96680.36 | 94730.09 | 96382.86   | 1.58    | ppb   |
| Iron       | 57-2  | 97769.76 | 98007.56 | 95961.26 | 97246.19   | 1.15    | ppb   |
| Lead       | 206-1 | 4.38     | 4.50     | 4.32     | 4.40       | 2.13    | ppb   |
| Lead       | 207-1 | 4.04     | 3.71     | 3.64     | 3.80       | 5.69    | ppb   |
| Lead       | 208-1 | 4.11     | 4.03     | 3.89     | 4.01       | 2.83    | ppb   |
| Lithium    | 6-1   |          |          |          | 98         |         | %     |
| Magnesium  | 24-2  | 92669.92 | 92339.83 | 91579.52 | 92196.43   | 0.61    | ppb   |
| Manganese  | 55-2  | 7.59     | 7.67     | 7.44     | 7.57       | 1.55    | ppb   |

|                         |                     |                   |             |
|-------------------------|---------------------|-------------------|-------------|
| LB Number :             | LB96130             | Operator :        | Jaswal      |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P7          |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1           |
| Date & Time Acquired :: | 2018-06-19 17:39:25 | DataFile Name :   | 016ICSA01.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1296.81  | 1271.12  | 1269.86  | 1279.27    | 1.19    | ppb   |
| Molybdenum | 95-1  | 1889.61  | 1859.39  | 1847.81  | 1865.61    | 1.16    | ppb   |
| Molybdenum | 96-1  | 1829.02  | 1791.62  | 1788.97  | 1803.20    | 1.24    | ppb   |
| Molybdenum | 97-1  | 1875.49  | 1840.43  | 1843.81  | 1853.24    | 1.04    | ppb   |
| Molybdenum | 98-1  | 1847.80  | 1817.73  | 1821.15  | 1828.89    | 0.90    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 4.94     | 5.07     | 4.68     | 4.90       | 4.06    | ppb   |
| Phosphorus | 31-2  | 94318.00 | 92259.51 | 91881.99 | 92819.83   | 1.41    | ppb   |
| Potassium  | 39-2  | 94271.43 | 93301.10 | 92928.48 | 93500.34   | 0.74    | ppb   |
| Rhodium    | 103-1 |          |          |          | 92         |         | %     |
| Rhodium    | 103-2 |          |          |          | 96         |         | %     |
| Scandium   | 45-1  |          |          |          | 95         |         | %     |
| Scandium   | 45-2  |          |          |          | 100        |         | %     |
| Selenium   | 77-2  | 0.00     | 0.00     | 0.00     | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -0.58    | -0.90    | -0.81    | -0.76      |         | ppb   |
| Selenium   | 82-1  | 0.04     | -0.33    | 0.13     | -0.05      |         | ppb   |
| Silicon    | 28-1  | 22.19    | 20.47    | 20.53    | 21.07      | 4.64    | ppb   |
| Silver     | 109-1 | 0.07     | 0.06     | 0.07     | 0.07       | 4.88    | ppb   |
| Silver     | 107-1 | 0.06     | 0.07     | 0.06     | 0.06       | 8.38    | ppb   |
| Sodium     | 23-2  | 94633.93 | 94551.26 | 94017.04 | 94400.74   | 0.35    | ppb   |
| Strontium  | 86-1  | 33.12    | 32.04    | 31.64    | 32.27      | 2.37    | ppb   |
| Strontium  | 88-1  | 32.68    | 32.40    | 32.43    | 32.50      | 0.47    | ppb   |
| Sulfur     | 34-1  | 95654.78 | 94587.83 | 93863.30 | 94701.97   | 0.95    | ppb   |
| Terbium    | 159-1 |          |          |          | 103        |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 0.23     | 0.17     | 0.24     | 0.21       | 18.79   | ppb   |
| Thallium   | 205-1 | 0.23     | 0.20     | 0.23     | 0.22       | 9.29    | ppb   |
| Tin        | 118-1 | 0.17     | 0.15     | 0.15     | 0.16       | 7.00    | ppb   |
| Titanium   | 47-1  | 1875.38  | 1856.76  | 1826.93  | 1853.02    | 1.32    | ppb   |
| Uranium    | 238-1 | 0.01     | 0.01     | 0.02     | 0.01       | 12.47   | ppb   |
| Vanadium   | 51-2  | 0.16     | 0.18     | 0.12     | 0.15       | 19.39   | ppb   |
| Yttrium    | 89-1  |          |          |          | 97         |         | %     |
| Yttrium    | 89-2  |          |          |          | 100        |         | %     |
| Zinc       | 66-2  | 10.85    | 11.71    | 10.96    | 11.18      | 4.17    | ppb   |
| Zirconium  | 90-1  | 0.03     | 0.01     | 0.01     | 0.02       | 60.59   | ppb   |

|                         |                     |                   |             |
|-------------------------|---------------------|-------------------|-------------|
| LB Number :             | LB96130             | Operator :        | Jaswal      |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P7          |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1           |
| Date & Time Acquired :: | 2018-06-19 17:39:25 | DataFile Name :   | 016ICSA01.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.02    | 0.00    | 0.02    | 0.01       | 109.27  | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSBA01             | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSBA01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-06-19 17:42:57 | DataFile Name :   | 017ICSB.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 87514.88 | 85101.59 | 86933.25 | 86516.57   | 1.46    | ppb   |
| Antimony   | 121-1 | 19.34    | 18.75    | 18.69    | 18.92      | 1.89    | ppb   |
| Arsenic    | 75-2  | 17.99    | 18.75    | 17.72    | 18.15      | 2.92    | ppb   |
| Barium     | 135-1 | 20.15    | 19.64    | 19.32    | 19.71      | 2.13    | ppb   |
| Barium     | 137-1 | 19.78    | 19.56    | 19.78    | 19.71      | 0.66    | ppb   |
| Beryllium  | 9-1   | 18.88    | 18.62    | 18.78    | 18.76      | 0.68    | ppb   |
| Bismuth    | 209-1 |          |          |          | 107        |         | %     |
| Bismuth    | 209-2 |          |          |          | 98         |         | %     |
| Boron      | 10-1  | 59.34    | 58.76    | 58.39    | 58.83      | 0.81    | ppb   |
| Boron      | 11-1  | 55.91    | 58.22    | 58.23    | 57.45      | 2.33    | ppb   |
| Cadmium    | 111-1 | 18.73    | 17.94    | 18.07    | 18.25      | 2.32    | ppb   |
| Cadmium    | 106-1 | 21.52    | 18.67    | 22.89    | 21.03      | 10.24   | ppb   |
| Cadmium    | 108-1 | 28.60    | 28.47    | 29.08    | 28.72      | 1.12    | ppb   |
| Calcium    | 43-1  | 93462.47 | 93046.77 | 91472.16 | 92660.47   | 1.13    | ppb   |
| Calcium    | 44-1  | 92694.32 | 92467.84 | 91030.13 | 92064.10   | 0.98    | ppb   |
| Chromium   | 52-2  | 37.12    | 36.77    | 37.02    | 36.97      | 0.48    | ppb   |
| Cobalt     | 59-2  | 19.93    | 19.42    | 19.59    | 19.64      | 1.32    | ppb   |
| Copper     | 63-2  | 26.07    | 25.84    | 25.57    | 25.83      | 0.96    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 111        |         | %     |
| Holmium    | 165-2 |          |          |          | 104        |         | %     |
| Indium     | 115-1 |          |          |          | 105        |         | %     |
| Indium     | 115-2 |          |          |          | 99         |         | %     |
| Iron       | 56-2  | 95486.60 | 94128.87 | 94037.27 | 94550.91   | 0.86    | ppb   |
| Iron       | 57-2  | 96573.52 | 95338.25 | 94979.35 | 95630.37   | 0.87    | ppb   |
| Lead       | 206-1 | 22.71    | 22.42    | 22.13    | 22.42      | 1.31    | ppb   |
| Lead       | 207-1 | 20.66    | 20.39    | 20.30    | 20.45      | 0.94    | ppb   |
| Lead       | 208-1 | 21.53    | 21.21    | 21.03    | 21.25      | 1.19    | ppb   |
| Lithium    | 6-1   |          |          |          | 104        |         | %     |
| Magnesium  | 24-2  | 90487.36 | 89825.40 | 90074.12 | 90128.96   | 0.37    | ppb   |
| Manganese  | 55-2  | 26.39    | 26.42    | 25.74    | 26.18      | 1.46    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSBA01             | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSBA01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-06-19 17:42:57 | DataFile Name :   | 017ICSB.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 1363.82  | 1354.40  | 1334.95  | 1351.06    | 1.09    | ppb   |
| Molybdenum | 95-1  | 1868.22  | 1851.23  | 1834.27  | 1851.24    | 0.92    | ppb   |
| Molybdenum | 96-1  | 1769.21  | 1756.16  | 1732.25  | 1752.54    | 1.07    | ppb   |
| Molybdenum | 97-1  | 1852.14  | 1828.25  | 1810.86  | 1830.42    | 1.13    | ppb   |
| Molybdenum | 98-1  | 1824.89  | 1810.33  | 1788.70  | 1807.98    | 1.01    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 23.73    | 23.88    | 24.17    | 23.93      | 0.95    | ppb   |
| Phosphorus | 31-2  | 91241.28 | 89014.58 | 90348.42 | 90201.42   | 1.24    | ppb   |
| Potassium  | 39-2  | 92287.22 | 91160.22 | 91668.85 | 91705.43   | 0.62    | ppb   |
| Rhodium    | 103-1 |          |          |          | 100        |         | %     |
| Rhodium    | 103-2 |          |          |          | 97         |         | %     |
| Scandium   | 45-1  |          |          |          | 102        |         | %     |
| Scandium   | 45-2  |          |          |          | 101        |         | %     |
| Selenium   | 77-2  | 16.47    | 22.35    | 22.39    | 20.40      | 16.67   | ppb   |
| Selenium   | 78-2  | 22.35    | 16.02    | 17.19    | 18.52      | 18.17   | ppb   |
| Selenium   | 82-1  | 18.37    | 18.69    | 17.13    | 18.06      | 4.57    | ppb   |
| Silicon    | 28-1  | 66.84    | 67.34    | 64.48    | 66.22      | 2.31    | ppb   |
| Silver     | 109-1 | 17.54    | 17.30    | 17.03    | 17.29      | 1.47    | ppb   |
| Silver     | 107-1 | 17.60    | 17.97    | 17.54    | 17.70      | 1.31    | ppb   |
| Sodium     | 23-2  | 92959.43 | 92148.72 | 92533.04 | 92547.06   | 0.44    | ppb   |
| Strontium  | 86-1  | 84.19    | 82.65    | 82.38    | 83.07      | 1.17    | ppb   |
| Strontium  | 88-1  | 84.25    | 84.10    | 82.68    | 83.68      | 1.04    | ppb   |
| Sulfur     | 34-1  | 90067.15 | 89594.13 | 88821.80 | 89494.36   | 0.70    | ppb   |
| Terbium    | 159-1 |          |          |          | 111        |         | %     |
| Terbium    | 159-2 |          |          |          | 104        |         | %     |
| Thallium   | 203-1 | 18.45    | 18.09    | 17.91    | 18.15      | 1.52    | ppb   |
| Thallium   | 205-1 | 18.53    | 18.15    | 18.34    | 18.34      | 1.04    | ppb   |
| Tin        | 118-1 | 54.32    | 53.80    | 53.48    | 53.87      | 0.78    | ppb   |
| Titanium   | 47-1  | 1842.56  | 1832.51  | 1800.73  | 1825.26    | 1.20    | ppb   |
| Uranium    | 238-1 | 52.67    | 52.30    | 51.38    | 52.12      | 1.27    | ppb   |
| Vanadium   | 51-2  | 18.32    | 18.46    | 18.68    | 18.49      | 1.00    | ppb   |
| Yttrium    | 89-1  |          |          |          | 106        |         | %     |
| Yttrium    | 89-2  |          |          |          | 101        |         | %     |
| Zinc       | 66-2  | 29.09    | 29.29    | 28.49    | 28.95      | 1.44    | ppb   |
| Zirconium  | 90-1  | 51.72    | 51.30    | 50.23    | 51.08      | 1.50    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSBA01             | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSBA01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-06-19 17:42:57 | DataFile Name :   | 017ICSB.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 51.48   | 51.49   | 50.57   | 51.18      | 1.03    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB96130             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV30               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV30               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-06-19 17:46:30 | DataFile Name :   | 018CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 51026.74  | 51194.87  | 51206.05  | 51142.55   | 0.20    | ppb   |
| Antimony   | 121-1 | 486.05    | 477.23    | 474.77    | 479.35     | 1.24    | ppb   |
| Arsenic    | 75-2  | 511.00    | 498.98    | 497.82    | 502.60     | 1.45    | ppb   |
| Barium     | 135-1 | 2520.36   | 2491.60   | 2474.01   | 2495.33    | 0.94    | ppb   |
| Barium     | 137-1 | 2481.43   | 2438.93   | 2495.50   | 2471.95    | 1.19    | ppb   |
| Beryllium  | 9-1   | 500.13    | 496.41    | 486.10    | 494.22     | 1.47    | ppb   |
| Bismuth    | 209-1 |           |           |           | 96         |         | %     |
| Bismuth    | 209-2 |           |           |           | 93         |         | %     |
| Boron      | 10-1  | 482.44    | 475.67    | 476.56    | 478.22     | 0.77    | ppb   |
| Boron      | 11-1  | 483.58    | 486.25    | 489.87    | 486.57     | 0.65    | ppb   |
| Cadmium    | 111-1 | 478.66    | 474.52    | 472.18    | 475.12     | 0.69    | ppb   |
| Cadmium    | 106-1 | 476.94    | 464.90    | 472.74    | 471.53     | 1.30    | ppb   |
| Cadmium    | 108-1 | 482.12    | 478.31    | 480.49    | 480.30     | 0.40    | ppb   |
| Calcium    | 43-1  | 272852.08 | 269434.08 | 265433.11 | 269239.76  | 1.38    | ppb   |
| Calcium    | 44-1  | 266417.68 | 263870.52 | 261814.18 | 264034.12  | 0.87    | ppb   |
| Chromium   | 52-2  | 523.81    | 516.64    | 519.17    | 519.87     | 0.70    | ppb   |
| Cobalt     | 59-2  | 496.55    | 488.37    | 496.01    | 493.64     | 0.93    | ppb   |
| Copper     | 63-2  | 973.81    | 963.66    | 970.41    | 969.29     | 0.53    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 102        |         | %     |
| Holmium    | 165-2 |           |           |           | 100        |         | %     |
| Indium     | 115-1 |           |           |           | 96         |         | %     |
| Indium     | 115-2 |           |           |           | 94         |         | %     |
| Iron       | 56-2  | 127356.55 | 126367.88 | 126481.90 | 126735.45  | 0.43    | ppb   |
| Iron       | 57-2  | 130273.48 | 127985.86 | 129923.11 | 129394.15  | 0.95    | ppb   |
| Lead       | 206-1 | 487.93    | 486.77    | 484.23    | 486.31     | 0.39    | ppb   |
| Lead       | 207-1 | 485.93    | 483.42    | 484.54    | 484.63     | 0.26    | ppb   |
| Lead       | 208-1 | 493.39    | 490.30    | 488.20    | 490.63     | 0.53    | ppb   |
| Lithium    | 6-1   |           |           |           | 96         |         | %     |
| Magnesium  | 24-2  | 249023.69 | 248030.36 | 248232.34 | 248428.80  | 0.21    | ppb   |
| Manganese  | 55-2  | 998.22    | 991.73    | 999.74    | 996.57     | 0.43    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB96130             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV30               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV30               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-06-19 17:46:30 | DataFile Name :   | 018CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 2444.51   | 2412.21   | 2378.58   | 2411.77    | 1.37    | ppb   |
| Molybdenum | 95-1  | 2439.03   | 2412.29   | 2396.85   | 2416.06    | 0.88    | ppb   |
| Molybdenum | 96-1  | 2426.44   | 2400.40   | 2384.39   | 2403.75    | 0.88    | ppb   |
| Molybdenum | 97-1  | 2480.64   | 2441.11   | 2434.25   | 2452.00    | 1.02    | ppb   |
| Molybdenum | 98-1  | 2425.82   | 2397.74   | 2401.83   | 2408.46    | 0.63    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 504.49    | 499.62    | 500.03    | 501.38     | 0.54    | ppb   |
| Phosphorus | 31-2  | 9865.03   | 10090.77  | 10028.73  | 9994.85    | 1.17    | ppb   |
| Potassium  | 39-2  | 126395.78 | 124890.75 | 126096.12 | 125794.22  | 0.63    | ppb   |
| Rhodium    | 103-1 |           |           |           | 91         |         | %     |
| Rhodium    | 103-2 |           |           |           | 91         |         | %     |
| Scandium   | 45-1  |           |           |           | 96         |         | %     |
| Scandium   | 45-2  |           |           |           | 99         |         | %     |
| Selenium   | 77-2  | 523.46    | 510.09    | 477.17    | 503.57     | 4.73    | ppb   |
| Selenium   | 78-2  | 500.16    | 505.85    | 497.35    | 501.12     | 0.86    | ppb   |
| Selenium   | 82-1  | 480.49    | 466.04    | 467.38    | 471.30     | 1.69    | ppb   |
| Silicon    | 28-1  | 578.48    | 591.38    | 597.89    | 589.25     | 1.68    | ppb   |
| Silver     | 109-1 | 479.19    | 471.80    | 473.23    | 474.74     | 0.83    | ppb   |
| Silver     | 107-1 | 486.77    | 479.33    | 480.44    | 482.18     | 0.83    | ppb   |
| Sodium     | 23-2  | 252217.07 | 249868.33 | 251285.22 | 251123.54  | 0.47    | ppb   |
| Strontium  | 86-1  | 501.51    | 494.61    | 492.96    | 496.36     | 0.91    | ppb   |
| Strontium  | 88-1  | 500.95    | 497.63    | 493.69    | 497.43     | 0.73    | ppb   |
| Sulfur     | 34-1  | 9256.90   | 9062.71   | 8868.81   | 9062.80    | 2.14    | ppb   |
| Terbium    | 159-1 |           |           |           | 103        |         | %     |
| Terbium    | 159-2 |           |           |           | 100        |         | %     |
| Thallium   | 203-1 | 487.79    | 485.67    | 482.54    | 485.33     | 0.54    | ppb   |
| Thallium   | 205-1 | 503.62    | 506.43    | 503.15    | 504.40     | 0.35    | ppb   |
| Tin        | 118-1 | 492.06    | 485.29    | 480.06    | 485.80     | 1.24    | ppb   |
| Titanium   | 47-1  | 2424.66   | 2403.39   | 2366.06   | 2398.04    | 1.24    | ppb   |
| Uranium    | 238-1 | 493.93    | 488.50    | 486.43    | 489.62     | 0.79    | ppb   |
| Vanadium   | 51-2  | 508.13    | 504.11    | 505.95    | 506.06     | 0.40    | ppb   |
| Yttrium    | 89-1  |           |           |           | 99         |         | %     |
| Yttrium    | 89-2  |           |           |           | 98         |         | %     |
| Zinc       | 66-2  | 942.52    | 929.93    | 944.56    | 939.00     | 0.84    | ppb   |
| Zirconium  | 90-1  | 496.57    | 489.95    | 487.21    | 491.24     | 0.98    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB96130             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV30               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV30               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-06-19 17:46:30 | DataFile Name :   | 018CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 491.78  | 486.94  | 479.32  | 486.02     | 1.29    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB30               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB30               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-06-19 17:50:04 | DataFile Name :   | 019CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.22    | 1.16    | 0.83    | 0.74       | 64.49   | ppb   |
| Antimony   | 121-1 | 0.24    | 0.23    | 0.23    | 0.23       | 2.25    | ppb   |
| Arsenic    | 75-2  | 0.04    | 0.04    | 0.03    | 0.04       | 16.47   | ppb   |
| Barium     | 135-1 | 0.07    | 0.08    | 0.06    | 0.07       | 8.52    | ppb   |
| Barium     | 137-1 | 0.10    | 0.09    | 0.09    | 0.09       | 5.65    | ppb   |
| Beryllium  | 9-1   | 0.25    | 0.18    | 0.24    | 0.22       | 18.46   | ppb   |
| Bismuth    | 209-1 |         |         |         | 103        |         | %     |
| Bismuth    | 209-2 |         |         |         | 100        |         | %     |
| Boron      | 10-1  | 22.58   | 19.64   | 18.34   | 20.19      | 10.76   | ppb   |
| Boron      | 11-1  | 22.46   | 19.43   | 18.74   | 20.21      | 9.79    | ppb   |
| Cadmium    | 111-1 | 0.01    | -0.07   | 0.00    | -0.02      |         | ppb   |
| Cadmium    | 106-1 | -0.40   | -1.31   | -0.22   | -0.64      |         | ppb   |
| Cadmium    | 108-1 | 0.03    | 0.07    | 0.11    | 0.07       | 58.58   | ppb   |
| Calcium    | 43-1  | 12.81   | 9.62    | 13.14   | 11.86      | 16.42   | ppb   |
| Calcium    | 44-1  | 11.29   | 9.64    | 10.74   | 10.56      | 7.97    | ppb   |
| Chromium   | 52-2  | 0.03    | 0.01    | -0.01   | 0.01       | 303.75  | ppb   |
| Cobalt     | 59-2  | 0.01    | -0.01   | -0.01   | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.16    | 0.12    | 0.15    | 0.14       | 15.62   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 102        |         | %     |
| Holmium    | 165-2 |         |         |         | 99         |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Indium     | 115-2 |         |         |         | 98         |         | %     |
| Iron       | 56-2  | 6.39    | 6.19    | 6.37    | 6.32       | 1.74    | ppb   |
| Iron       | 57-2  | 5.02    | 4.93    | 5.86    | 5.27       | 9.75    | ppb   |
| Lead       | 206-1 | 0.09    | 0.09    | 0.10    | 0.09       | 7.14    | ppb   |
| Lead       | 207-1 | 0.08    | 0.08    | 0.10    | 0.09       | 17.14   | ppb   |
| Lead       | 208-1 | 0.09    | 0.08    | 0.09    | 0.09       | 1.75    | ppb   |
| Lithium    | 6-1   |         |         |         | 100        |         | %     |
| Magnesium  | 24-2  | 7.09    | 4.90    | 5.14    | 5.71       | 21.04   | ppb   |
| Manganese  | 55-2  | -0.02   | 0.00    | 0.06    | 0.01       | 323.28  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB30               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB30               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-06-19 17:50:04 | DataFile Name :   | 019CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.26    | 0.24    | 0.21    | 0.24       | 11.70   | ppb   |
| Molybdenum | 95-1  | 0.35    | 0.30    | 0.24    | 0.30       | 19.85   | ppb   |
| Molybdenum | 96-1  | 0.34    | 0.24    | 0.26    | 0.28       | 19.25   | ppb   |
| Molybdenum | 97-1  | 0.29    | 0.30    | 0.29    | 0.29       | 1.95    | ppb   |
| Molybdenum | 98-1  | 0.30    | 0.31    | 0.26    | 0.29       | 9.17    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.03    | -0.02   | -0.10   | -0.03      |         | ppb   |
| Phosphorus | 31-2  | 0.21    | -21.64  | -21.78  | -14.40     |         | ppb   |
| Potassium  | 39-2  | 11.99   | 10.77   | 6.30    | 9.69       | 30.92   | ppb   |
| Rhodium    | 103-1 |         |         |         | 99         |         | %     |
| Rhodium    | 103-2 |         |         |         | 99         |         | %     |
| Scandium   | 45-1  |         |         |         | 98         |         | %     |
| Scandium   | 45-2  |         |         |         | 99         |         | %     |
| Selenium   | 77-2  | 0.89    | 0.00    | 0.00    | 0.30       | 173.21  | ppb   |
| Selenium   | 78-2  | -0.52   | -0.66   | -1.29   | -0.82      |         | ppb   |
| Selenium   | 82-1  | -0.05   | 0.41    | 0.48    | 0.28       | 102.61  | ppb   |
| Silicon    | 28-1  | 2.90    | -0.25   | -0.23   | 0.81       | 224.77  | ppb   |
| Silver     | 109-1 | 0.07    | 0.05    | 0.05    | 0.06       | 16.40   | ppb   |
| Silver     | 107-1 | 0.06    | 0.05    | 0.06    | 0.05       | 11.02   | ppb   |
| Sodium     | 23-2  | 74.47   | 72.12   | 69.01   | 71.87      | 3.81    | ppb   |
| Strontium  | 86-1  | -0.01   | 0.03    | -0.03   | 0.00       |         | ppb   |
| Strontium  | 88-1  | 0.02    | 0.02    | 0.02    | 0.02       | 11.71   | ppb   |
| Sulfur     | 34-1  | -679.48 | -828.81 | -999.01 | -835.77    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 103        |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 0.15    | 0.11    | 0.11    | 0.12       | 21.18   | ppb   |
| Thallium   | 205-1 | 0.15    | 0.14    | 0.12    | 0.13       | 11.28   | ppb   |
| Tin        | 118-1 | 0.03    | 0.07    | 0.04    | 0.05       | 40.97   | ppb   |
| Titanium   | 47-1  | 0.24    | 0.17    | 0.26    | 0.22       | 20.25   | ppb   |
| Uranium    | 238-1 | 0.02    | 0.02    | 0.01    | 0.02       | 25.09   | ppb   |
| Vanadium   | 51-2  | 0.02    | 0.02    | 0.01    | 0.02       | 52.84   | ppb   |
| Yttrium    | 89-1  |         |         |         | 100        |         | %     |
| Yttrium    | 89-2  |         |         |         | 98         |         | %     |
| Zinc       | 66-2  | 0.27    | 0.03    | 0.09    | 0.13       | 97.64   | ppb   |
| Zirconium  | 90-1  | 0.03    | 0.02    | 0.03    | 0.03       | 29.08   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB30               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB30               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-06-19 17:50:04 | DataFile Name :   | 019CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.05    | 0.07    | 0.04    | 0.06       | 30.02   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-06-19 17:53:49 | DataFile Name :   | 020LLIC.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 15.00   | 21.38   | 20.86   | 19.08      | 18.58   | ppb   |
| Antimony   | 121-1 | 1.92    | 1.91    | 1.97    | 1.93       | 1.46    | ppb   |
| Arsenic    | 75-2  | 1.05    | 0.96    | 0.98    | 1.00       | 4.86    | ppb   |
| Barium     | 135-1 | 9.41    | 9.48    | 8.58    | 9.16       | 5.44    | ppb   |
| Barium     | 137-1 | 9.74    | 9.48    | 9.51    | 9.58       | 1.46    | ppb   |
| Beryllium  | 9-1   | 1.09    | 1.27    | 1.19    | 1.18       | 7.78    | ppb   |
| Bismuth    | 209-1 |         |         |         | 102        |         | %     |
| Bismuth    | 209-2 |         |         |         | 97         |         | %     |
| Boron      | 10-1  | 30.48   | 33.27   | 35.52   | 33.09      | 7.63    | ppb   |
| Boron      | 11-1  | 31.20   | 33.40   | 32.51   | 32.37      | 3.41    | ppb   |
| Cadmium    | 111-1 | 1.07    | 1.03    | 0.89    | 1.00       | 9.32    | ppb   |
| Cadmium    | 106-1 | 1.23    | 1.16    | 0.28    | 0.89       | 59.72   | ppb   |
| Cadmium    | 108-1 | 0.81    | 0.66    | 1.10    | 0.86       | 26.06   | ppb   |
| Calcium    | 43-1  | 479.32  | 454.91  | 489.16  | 474.46     | 3.72    | ppb   |
| Calcium    | 44-1  | 470.50  | 463.22  | 471.56  | 468.43     | 0.97    | ppb   |
| Chromium   | 52-2  | 2.04    | 2.06    | 2.04    | 2.05       | 0.29    | ppb   |
| Cobalt     | 59-2  | 0.94    | 1.02    | 0.95    | 0.97       | 4.22    | ppb   |
| Copper     | 63-2  | 2.14    | 2.20    | 2.21    | 2.19       | 1.71    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 101        |         | %     |
| Holmium    | 165-2 |         |         |         | 97         |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Indium     | 115-2 |         |         |         | 96         |         | %     |
| Iron       | 56-2  | 55.62   | 53.86   | 54.06   | 54.52      | 1.77    | ppb   |
| Iron       | 57-2  | 57.83   | 52.13   | 58.84   | 56.27      | 6.43    | ppb   |
| Lead       | 206-1 | 0.97    | 0.95    | 0.95    | 0.96       | 1.36    | ppb   |
| Lead       | 207-1 | 1.02    | 1.03    | 0.97    | 1.01       | 2.74    | ppb   |
| Lead       | 208-1 | 0.98    | 0.96    | 0.97    | 0.97       | 0.86    | ppb   |
| Lithium    | 6-1   |         |         |         | 98         |         | %     |
| Magnesium  | 24-2  | 482.97  | 475.81  | 475.77  | 478.18     | 0.87    | ppb   |
| Manganese  | 55-2  | 1.01    | 1.00    | 1.01    | 1.01       | 0.49    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-06-19 17:53:49 | DataFile Name :   | 020LLIC.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 4.85    | 4.88    | 4.78    | 4.84       | 1.06    | ppb   |
| Molybdenum | 95-1  | 4.77    | 4.78    | 4.78    | 4.78       | 0.15    | ppb   |
| Molybdenum | 96-1  | 4.66    | 4.73    | 4.75    | 4.71       | 0.94    | ppb   |
| Molybdenum | 97-1  | 4.64    | 4.70    | 4.77    | 4.70       | 1.35    | ppb   |
| Molybdenum | 98-1  | 4.78    | 4.38    | 4.70    | 4.62       | 4.63    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.09    | 1.04    | 0.95    | 1.02       | 7.02    | ppb   |
| Phosphorus | 31-2  | 6.65    | -18.45  | 16.41   | 1.54       | 1169.98 | ppb   |
| Potassium  | 39-2  | 497.54  | 490.64  | 477.87  | 488.68     | 2.04    | ppb   |
| Rhodium    | 103-1 |         |         |         | 99         |         | %     |
| Rhodium    | 103-2 |         |         |         | 97         |         | %     |
| Scandium   | 45-1  |         |         |         | 98         |         | %     |
| Scandium   | 45-2  |         |         |         | 98         |         | %     |
| Selenium   | 77-2  | 4.51    | 8.12    | 8.20    | 6.94       | 30.36   | ppb   |
| Selenium   | 78-2  | 4.12    | 5.46    | 5.11    | 4.90       | 14.23   | ppb   |
| Selenium   | 82-1  | 4.62    | 5.56    | 4.43    | 4.87       | 12.38   | ppb   |
| Silicon    | 28-1  | 12.07   | 11.12   | 10.45   | 11.21      | 7.25    | ppb   |
| Silver     | 109-1 | 0.97    | 1.03    | 1.05    | 1.02       | 4.45    | ppb   |
| Silver     | 107-1 | 1.05    | 1.06    | 1.03    | 1.05       | 1.27    | ppb   |
| Sodium     | 23-2  | 538.07  | 520.72  | 520.87  | 526.55     | 1.89    | ppb   |
| Strontium  | 86-1  | 0.89    | 0.86    | 1.16    | 0.97       | 16.82   | ppb   |
| Strontium  | 88-1  | 0.99    | 0.95    | 0.97    | 0.97       | 2.22    | ppb   |
| Sulfur     | 34-1  | -595.75 | -670.81 | -458.86 | -575.14    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 102        |         | %     |
| Terbium    | 159-2 |         |         |         | 97         |         | %     |
| Thallium   | 203-1 | 0.90    | 0.95    | 0.89    | 0.91       | 3.05    | ppb   |
| Thallium   | 205-1 | 0.99    | 0.95    | 0.93    | 0.96       | 3.09    | ppb   |
| Tin        | 118-1 | 5.33    | 5.00    | 5.09    | 5.14       | 3.28    | ppb   |
| Titanium   | 47-1  | 4.48    | 4.49    | 4.60    | 4.52       | 1.41    | ppb   |
| Uranium    | 238-1 | 0.91    | 0.89    | 0.90    | 0.90       | 1.41    | ppb   |
| Vanadium   | 51-2  | 4.93    | 4.65    | 4.71    | 4.77       | 3.12    | ppb   |
| Yttrium    | 89-1  |         |         |         | 100        |         | %     |
| Yttrium    | 89-2  |         |         |         | 96         |         | %     |
| Zinc       | 66-2  | 2.45    | 2.58    | 2.10    | 2.38       | 10.43   | ppb   |
| Zirconium  | 90-1  | 1.04    | 0.98    | 0.91    | 0.98       | 6.40    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-06-19 17:53:49 | DataFile Name :   | 020LLIC.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 1.09    | 1.01    | 0.92    | 1.01       | 8.50    | ppb   |

LB Number : LB96130 Operator : Jaswal  
 Lab Sample ID : J3479-01DLX10 Instrumnet Name : P7  
 Client Sample ID : SS003RW114R-180611D Dilution Factor : 10  
 Date & Time Acquired :: 2018-06-19 17:57:22 DataFile Name : 021SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 4048.48  | 3979.13  | 3939.65  | 3989.09    | 1.38    | ppb   |
| Antimony   | 121-1 | 0.72     | 0.75     | 0.79     | 0.75       | 4.15    | ppb   |
| Arsenic    | 75-2  | 12.04    | 11.71    | 11.55    | 11.77      | 2.14    | ppb   |
| Barium     | 135-1 | 2.96     | 3.09     | 2.93     | 2.99       | 2.81    | ppb   |
| Barium     | 137-1 | 3.20     | 3.02     | 2.97     | 3.06       | 4.05    | ppb   |
| Beryllium  | 9-1   | 0.28     | 0.23     | 0.29     | 0.27       | 11.46   | ppb   |
| Bismuth    | 209-1 |          |          |          | 108        |         | %     |
| Bismuth    | 209-2 |          |          |          | 103        |         | %     |
| Boron      | 10-1  | 82.48    | 84.97    | 83.32    | 83.59      | 1.52    | ppb   |
| Boron      | 11-1  | 85.55    | 83.94    | 81.32    | 83.60      | 2.55    | ppb   |
| Cadmium    | 111-1 | 1.59     | 1.50     | 1.54     | 1.54       | 2.98    | ppb   |
| Cadmium    | 106-1 | 0.52     | 0.73     | 1.11     | 0.78       | 38.13   | ppb   |
| Cadmium    | 108-1 | 1.54     | 1.73     | 0.95     | 1.40       | 28.92   | ppb   |
| Calcium    | 43-1  | 40682.84 | 39090.88 | 37818.99 | 39197.57   | 3.66    | ppb   |
| Calcium    | 44-1  | 40964.47 | 39323.54 | 38330.01 | 39539.34   | 3.36    | ppb   |
| Chromium   | 52-2  | 79.80    | 79.01    | 78.89    | 79.23      | 0.62    | ppb   |
| Cobalt     | 59-2  | 20.36    | 19.97    | 19.83    | 20.05      | 1.37    | ppb   |
| Copper     | 63-2  | 81.28    | 80.81    | 78.70    | 80.27      | 1.71    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 111        |         | %     |
| Holmium    | 165-2 |          |          |          | 109        |         | %     |
| Indium     | 115-1 |          |          |          | 105        |         | %     |
| Indium     | 115-2 |          |          |          | 103        |         | %     |
| Iron       | 56-2  | 10352.21 | 10216.91 | 10091.67 | 10220.26   | 1.27    | ppb   |
| Iron       | 57-2  | 10306.61 | 10211.30 | 10184.24 | 10234.05   | 0.63    | ppb   |
| Lead       | 206-1 | 52.26    | 50.61    | 49.17    | 50.68      | 3.05    | ppb   |
| Lead       | 207-1 | 49.14    | 47.30    | 46.49    | 47.64      | 2.85    | ppb   |
| Lead       | 208-1 | 50.80    | 48.89    | 47.43    | 49.04      | 3.44    | ppb   |
| Lithium    | 6-1   |          |          |          | 103        |         | %     |
| Magnesium  | 24-2  | 6270.71  | 6241.14  | 6100.46  | 6204.10    | 1.47    | ppb   |
| Manganese  | 55-2  | 732.69   | 728.42   | 719.24   | 726.79     | 0.95    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | J3479-01DLX10       | Instrumnet Name : | P7        |
| Client Sample ID :      | SS003RW114R-180611D | Dilution Factor : | 10        |
| Date & Time Acquired :: | 2018-06-19 17:57:22 | DataFile Name :   | 021SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 2.52      | 2.32      | 2.46      | 2.43       | 4.13    | ppb   |
| Molybdenum | 95-1  | 2.00      | 1.84      | 1.98      | 1.94       | 4.40    | ppb   |
| Molybdenum | 96-1  | 2.14      | 2.05      | 2.01      | 2.06       | 3.37    | ppb   |
| Molybdenum | 97-1  | 2.06      | 1.98      | 1.73      | 1.93       | 8.94    | ppb   |
| Molybdenum | 98-1  | 1.94      | 1.97      | 1.89      | 1.93       | 2.17    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 42.96     | 42.39     | 42.33     | 42.56      | 0.82    | ppb   |
| Phosphorus | 31-2  | 231.14    | 247.20    | 246.37    | 241.57     | 3.74    | ppb   |
| Potassium  | 39-2  | 2393.95   | 2374.45   | 2382.58   | 2383.66    | 0.41    | ppb   |
| Rhodium    | 103-1 |           |           |           | 101        |         | %     |
| Rhodium    | 103-2 |           |           |           | 100        |         | %     |
| Scandium   | 45-1  |           |           |           | 103        |         | %     |
| Scandium   | 45-2  |           |           |           | 106        |         | %     |
| Selenium   | 77-2  | 2.49      | 1.65      | 6.62      | 3.59       | 74.21   | ppb   |
| Selenium   | 78-2  | 0.14      | 0.65      | -1.64     | -0.28      |         | ppb   |
| Selenium   | 82-1  | 0.60      | 0.24      | 0.38      | 0.41       | 44.94   | ppb   |
| Silicon    | 28-1  | 2987.59   | 2841.99   | 2762.40   | 2863.99    | 3.99    | ppb   |
| Silver     | 109-1 | 0.12      | 0.15      | 0.15      | 0.14       | 11.82   | ppb   |
| Silver     | 107-1 | 0.14      | 0.14      | 0.15      | 0.14       | 4.12    | ppb   |
| Sodium     | 23-2  | 400195.70 | 396255.69 | 392301.07 | 396250.82  | 1.00    | ppb   |
| Strontium  | 86-1  | 134.66    | 129.54    | 126.86    | 130.36     | 3.04    | ppb   |
| Strontium  | 88-1  | 137.31    | 131.73    | 126.76    | 131.93     | 4.00    | ppb   |
| Sulfur     | 34-1  | 309005.95 | 294907.14 | 287221.38 | 297044.82  | 3.72    | ppb   |
| Terbium    | 159-1 |           |           |           | 112        |         | %     |
| Terbium    | 159-2 |           |           |           | 108        |         | %     |
| Thallium   | 203-1 | 0.40      | 0.38      | 0.35      | 0.38       | 7.00    | ppb   |
| Thallium   | 205-1 | 0.41      | 0.39      | 0.35      | 0.38       | 7.25    | ppb   |
| Tin        | 118-1 | 0.11      | 0.12      | 0.08      | 0.10       | 21.53   | ppb   |
| Titanium   | 47-1  | 4.74      | 5.34      | 4.67      | 4.92       | 7.43    | ppb   |
| Uranium    | 238-1 | 1.20      | 1.19      | 1.11      | 1.16       | 4.19    | ppb   |
| Vanadium   | 51-2  | 16.85     | 16.68     | 16.39     | 16.64      | 1.38    | ppb   |
| Yttrium    | 89-1  |           |           |           | 108        |         | %     |
| Yttrium    | 89-2  |           |           |           | 105        |         | %     |
| Zinc       | 66-2  | 54.29     | 53.27     | 52.58     | 53.38      | 1.61    | ppb   |
| Zirconium  | 90-1  | 0.74      | 0.65      | 0.61      | 0.67       | 10.36   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | J3479-01DLX10       | Instrumnet Name : | P7        |
| Client Sample ID :      | SS003RW114R-180611D | Dilution Factor : | 10        |
| Date & Time Acquired :: | 2018-06-19 17:57:22 | DataFile Name :   | 021SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.73    | 0.58    | 0.61    | 0.64       | 12.38   | ppb   |

LB Number : LB96130 Operator : Jaswal  
 Lab Sample ID : J3479-01DUPDLX10 Instrumnet Name : P7  
 Client Sample ID : SS003RW114R-180611D Dilution Factor : 10  
 Date & Time Acquired :: 2018-06-19 18:00:55 DataFile Name : 022SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 4210.56  | 4181.32  | 4177.42  | 4189.77    | 0.43    | ppb   |
| Antimony   | 121-1 | 0.63     | 0.65     | 0.69     | 0.66       | 4.94    | ppb   |
| Arsenic    | 75-2  | 12.62    | 12.20    | 12.33    | 12.38      | 1.73    | ppb   |
| Barium     | 135-1 | 3.23     | 3.18     | 3.29     | 3.23       | 1.64    | ppb   |
| Barium     | 137-1 | 3.23     | 3.12     | 3.48     | 3.27       | 5.68    | ppb   |
| Beryllium  | 9-1   | 0.28     | 0.29     | 0.26     | 0.28       | 6.07    | ppb   |
| Bismuth    | 209-1 |          |          |          | 106        |         | %     |
| Bismuth    | 209-2 |          |          |          | 100        |         | %     |
| Boron      | 10-1  | 81.40    | 84.70    | 87.39    | 84.50      | 3.55    | ppb   |
| Boron      | 11-1  | 84.74    | 85.69    | 86.95    | 85.79      | 1.29    | ppb   |
| Cadmium    | 111-1 | 1.40     | 1.43     | 1.54     | 1.46       | 4.96    | ppb   |
| Cadmium    | 106-1 | -1.70    | -1.31    | 0.61     | -0.80      |         | ppb   |
| Cadmium    | 108-1 | 1.34     | 1.21     | 1.51     | 1.35       | 11.08   | ppb   |
| Calcium    | 43-1  | 40848.88 | 40301.01 | 39597.74 | 40249.21   | 1.56    | ppb   |
| Calcium    | 44-1  | 41147.97 | 40585.43 | 40067.33 | 40600.24   | 1.33    | ppb   |
| Chromium   | 52-2  | 84.25    | 83.26    | 83.27    | 83.59      | 0.67    | ppb   |
| Cobalt     | 59-2  | 21.07    | 21.14    | 20.84    | 21.01      | 0.75    | ppb   |
| Copper     | 63-2  | 85.17    | 85.50    | 83.75    | 84.81      | 1.09    | 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 |          |          |          | 111        |         | %     |
| Holmium    | 165-2 |          |          |          | 106        |         | %     |
| Indium     | 115-1 |          |          |          | 105        |         | %     |
| Indium     | 115-2 |          |          |          | 101        |         | %     |
| Iron       | 56-2  | 10849.56 | 10830.39 | 10785.58 | 10821.84   | 0.30    | ppb   |
| Iron       | 57-2  | 10847.15 | 10799.64 | 10758.52 | 10801.77   | 0.41    | ppb   |
| Lead       | 206-1 | 53.26    | 52.56    | 51.30    | 52.37      | 1.89    | ppb   |
| Lead       | 207-1 | 49.69    | 48.93    | 47.73    | 48.78      | 2.03    | ppb   |
| Lead       | 208-1 | 51.45    | 50.80    | 49.60    | 50.62      | 1.85    | ppb   |
| Lithium    | 6-1   |          |          |          | 102        |         | %     |
| Magnesium  | 24-2  | 6505.68  | 6598.40  | 6500.85  | 6534.98    | 0.84    | ppb   |
| Manganese  | 55-2  | 766.54   | 764.16   | 766.25   | 765.65     | 0.17    | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | J3479-01DUPDLX10    | Instrumnet Name : | P7        |
| Client Sample ID :      | SS003RW114R-180611D | Dilution Factor : | 10        |
| Date & Time Acquired :: | 2018-06-19 18:00:55 | DataFile Name :   | 022SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 2.47      | 2.51      | 2.37      | 2.45       | 2.88    | ppb   |
| Molybdenum | 95-1  | 1.99      | 2.06      | 2.07      | 2.04       | 1.92    | ppb   |
| Molybdenum | 96-1  | 2.06      | 2.09      | 2.02      | 2.06       | 1.74    | ppb   |
| Molybdenum | 97-1  | 2.02      | 2.02      | 1.85      | 1.96       | 4.97    | ppb   |
| Molybdenum | 98-1  | 1.99      | 1.98      | 1.98      | 1.98       | 0.26    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 45.97     | 44.98     | 44.77     | 45.24      | 1.42    | ppb   |
| Phosphorus | 31-2  | 266.90    | 266.66    | 271.73    | 268.43     | 1.07    | ppb   |
| Potassium  | 39-2  | 2548.91   | 2510.03   | 2507.08   | 2522.01    | 0.93    | ppb   |
| Rhodium    | 103-1 |           |           |           | 99         |         | %     |
| Rhodium    | 103-2 |           |           |           | 98         |         | %     |
| Scandium   | 45-1  |           |           |           | 102        |         | %     |
| Scandium   | 45-2  |           |           |           | 103        |         | %     |
| Selenium   | 77-2  | 5.08      | 1.70      | 1.69      | 2.82       | 69.25   | ppb   |
| Selenium   | 78-2  | 0.94      | 0.25      | -0.04     | 0.38       | 132.38  | ppb   |
| Selenium   | 82-1  | 0.58      | -0.32     | 0.28      | 0.18       | 254.81  | ppb   |
| Silicon    | 28-1  | 2955.32   | 2909.29   | 2881.13   | 2915.25    | 1.28    | ppb   |
| Silver     | 109-1 | 0.16      | 0.14      | 0.16      | 0.16       | 6.51    | ppb   |
| Silver     | 107-1 | 0.14      | 0.16      | 0.17      | 0.16       | 11.97   | ppb   |
| Sodium     | 23-2  | 419624.68 | 421160.56 | 417745.48 | 419510.24  | 0.41    | ppb   |
| Strontium  | 86-1  | 135.39    | 134.12    | 134.89    | 134.80     | 0.47    | ppb   |
| Strontium  | 88-1  | 137.73    | 135.39    | 133.77    | 135.63     | 1.47    | ppb   |
| Sulfur     | 34-1  | 307032.17 | 303013.15 | 299560.05 | 303201.79  | 1.23    | ppb   |
| Terbium    | 159-1 |           |           |           | 110        |         | %     |
| Terbium    | 159-2 |           |           |           | 106        |         | %     |
| Thallium   | 203-1 | 0.28      | 0.29      | 0.31      | 0.29       | 5.52    | ppb   |
| Thallium   | 205-1 | 0.32      | 0.30      | 0.29      | 0.30       | 4.49    | ppb   |
| Tin        | 118-1 | 0.11      | 0.09      | 0.08      | 0.09       | 17.59   | ppb   |
| Titanium   | 47-1  | 4.55      | 5.18      | 5.04      | 4.92       | 6.67    | ppb   |
| Uranium    | 238-1 | 1.21      | 1.17      | 1.19      | 1.19       | 1.36    | ppb   |
| Vanadium   | 51-2  | 17.16     | 17.78     | 17.38     | 17.44      | 1.80    | ppb   |
| Yttrium    | 89-1  |           |           |           | 106        |         | %     |
| Yttrium    | 89-2  |           |           |           | 103        |         | %     |
| Zinc       | 66-2  | 56.71     | 56.13     | 55.53     | 56.12      | 1.05    | ppb   |
| Zirconium  | 90-1  | 0.66      | 0.71      | 0.69      | 0.68       | 3.84    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | J3479-01DUPDLX10    | Instrumnet Name : | P7        |
| Client Sample ID :      | SS003RW114R-180611D | Dilution Factor : | 10        |
| Date & Time Acquired :: | 2018-06-19 18:00:55 | DataFile Name :   | 022SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.71    | 0.71    | 0.72    | 0.71       | 1.07    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | J3479-01LDLX50      | Instrumnet Name : | P7        |
| Client Sample ID :      | SS003RW114R-180611L | Dilution Factor : | 50        |
| Date & Time Acquired :: | 2018-06-19 18:04:28 | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 895.82  | 891.79  | 858.58  | 882.06     | 2.32    | ppb   |
| Antimony   | 121-1 | 0.08    | 0.08    | 0.08    | 0.08       | 5.07    | ppb   |
| Arsenic    | 75-2  | 2.45    | 2.41    | 2.48    | 2.45       | 1.32    | ppb   |
| Barium     | 135-1 | 0.68    | 0.62    | 0.76    | 0.68       | 10.61   | ppb   |
| Barium     | 137-1 | 0.66    | 0.72    | 0.64    | 0.67       | 6.31    | ppb   |
| Beryllium  | 9-1   | 0.18    | 0.12    | 0.11    | 0.14       | 25.66   | ppb   |
| Bismuth    | 209-1 |         |         |         | 104        |         | %     |
| Bismuth    | 209-2 |         |         |         | 100        |         | %     |
| Boron      | 10-1  | 23.10   | 22.87   | 23.04   | 23.01      | 0.52    | ppb   |
| Boron      | 11-1  | 24.16   | 23.52   | 23.83   | 23.84      | 1.34    | ppb   |
| Cadmium    | 111-1 | 0.28    | 0.18    | 0.25    | 0.24       | 20.64   | ppb   |
| Cadmium    | 106-1 | -0.74   | -1.42   | -1.02   | -1.06      |         | ppb   |
| Cadmium    | 108-1 | 0.32    | 0.27    | 0.35    | 0.31       | 12.95   | ppb   |
| Calcium    | 43-1  | 8469.30 | 8377.35 | 8386.80 | 8411.15    | 0.60    | ppb   |
| Calcium    | 44-1  | 8616.33 | 8506.08 | 8432.78 | 8518.40    | 1.08    | ppb   |
| Chromium   | 52-2  | 17.89   | 17.68   | 17.97   | 17.85      | 0.83    | ppb   |
| Cobalt     | 59-2  | 4.58    | 4.48    | 4.47    | 4.51       | 1.30    | ppb   |
| Copper     | 63-2  | 18.90   | 18.58   | 18.38   | 18.62      | 1.40    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 105        |         | %     |
| Holmium    | 165-2 |         |         |         | 103        |         | %     |
| Indium     | 115-1 |         |         |         | 101        |         | %     |
| Indium     | 115-2 |         |         |         | 99         |         | %     |
| Iron       | 56-2  | 2324.89 | 2295.49 | 2285.05 | 2301.81    | 0.90    | ppb   |
| Iron       | 57-2  | 2308.56 | 2272.05 | 2314.70 | 2298.43    | 1.00    | ppb   |
| Lead       | 206-1 | 10.65   | 10.94   | 10.69   | 10.76      | 1.46    | ppb   |
| Lead       | 207-1 | 9.94    | 10.10   | 10.11   | 10.05      | 0.95    | ppb   |
| Lead       | 208-1 | 10.43   | 10.46   | 10.39   | 10.43      | 0.35    | ppb   |
| Lithium    | 6-1   |         |         |         | 96         |         | %     |
| Magnesium  | 24-2  | 1378.68 | 1356.70 | 1356.59 | 1363.99    | 0.93    | ppb   |
| Manganese  | 55-2  | 164.02  | 163.16  | 162.75  | 163.31     | 0.40    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | J3479-01LDLX50      | Instrumnet Name : | P7        |
| Client Sample ID :      | SS003RW114R-180611L | Dilution Factor : | 50        |
| Date & Time Acquired :: | 2018-06-19 18:04:28 | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 0.51     | 0.49     | 0.59     | 0.53       | 10.14   | ppb   |
| Molybdenum | 95-1  | 0.40     | 0.45     | 0.40     | 0.42       | 6.75    | ppb   |
| Molybdenum | 96-1  | 0.43     | 0.47     | 0.45     | 0.45       | 4.17    | ppb   |
| Molybdenum | 97-1  | 0.49     | 0.48     | 0.40     | 0.46       | 11.36   | ppb   |
| Molybdenum | 98-1  | 0.41     | 0.43     | 0.39     | 0.41       | 5.67    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 10.09    | 9.92     | 9.75     | 9.92       | 1.75    | ppb   |
| Phosphorus | 31-2  | 36.64    | 50.40    | 53.27    | 46.77      | 19.01   | ppb   |
| Potassium  | 39-2  | 542.17   | 526.44   | 524.20   | 530.93     | 1.84    | ppb   |
| Rhodium    | 103-1 |          |          |          | 98         |         | %     |
| Rhodium    | 103-2 |          |          |          | 99         |         | %     |
| Scandium   | 45-1  |          |          |          | 97         |         | %     |
| Scandium   | 45-2  |          |          |          | 101        |         | %     |
| Selenium   | 77-2  | 0.88     | 0.87     | 0.00     | 0.58       | 86.61   | ppb   |
| Selenium   | 78-2  | -0.86    | -0.78    | -0.95    | -0.87      |         | ppb   |
| Selenium   | 82-1  | -0.20    | 0.18     | 0.36     | 0.11       | 255.00  | ppb   |
| Silicon    | 28-1  | 816.51   | 807.81   | 807.71   | 810.68     | 0.62    | ppb   |
| Silver     | 109-1 | 0.07     | 0.07     | 0.07     | 0.07       | 3.09    | ppb   |
| Silver     | 107-1 | 0.08     | 0.06     | 0.08     | 0.07       | 11.26   | ppb   |
| Sodium     | 23-2  | 88003.31 | 87333.01 | 87192.67 | 87509.66   | 0.50    | ppb   |
| Strontium  | 86-1  | 29.00    | 29.06    | 28.09    | 28.72      | 1.91    | ppb   |
| Strontium  | 88-1  | 28.78    | 28.49    | 28.20    | 28.49      | 1.02    | ppb   |
| Sulfur     | 34-1  | 73074.45 | 71904.36 | 71303.20 | 72094.00   | 1.25    | ppb   |
| Terbium    | 159-1 |          |          |          | 105        |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 0.05     | 0.06     | 0.05     | 0.05       | 11.01   | ppb   |
| Thallium   | 205-1 | 0.05     | 0.06     | 0.03     | 0.05       | 30.74   | ppb   |
| Tin        | 118-1 | 0.00     | 0.50     | 0.01     | 0.17       | 165.14  | ppb   |
| Titanium   | 47-1  | 1.23     | 1.11     | 0.85     | 1.06       | 18.27   | ppb   |
| Uranium    | 238-1 | 0.25     | 0.25     | 0.24     | 0.25       | 3.26    | ppb   |
| Vanadium   | 51-2  | 3.88     | 3.65     | 3.66     | 3.73       | 3.54    | ppb   |
| Yttrium    | 89-1  |          |          |          | 101        |         | %     |
| Yttrium    | 89-2  |          |          |          | 100        |         | %     |
| Zinc       | 66-2  | 12.95    | 11.79    | 11.34    | 12.02      | 6.94    | ppb   |
| Zirconium  | 90-1  | 0.13     | 0.13     | 0.13     | 0.13       | 0.86    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | J3479-01LDLX50      | Instrumnet Name : | P7        |
| Client Sample ID :      | SS003RW114R-180611L | Dilution Factor : | 50        |
| Date & Time Acquired :: | 2018-06-19 18:04:28 | DataFile Name :   | 023SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.16    | 0.13    | 0.21    | 0.17       | 23.31   | ppb   |

LB Number : LB96130 Operator : Jaswal  
 Lab Sample ID : J3479-02DLX10 Instrumnet Name : P7  
 Client Sample ID : SS003RW114R-180611-1 Dilution Factor : 10  
 Date & Time Acquired :: 2018-06-19 18:08:01 DataFile Name : 024SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 5535.50  | 5527.08  | 5411.06  | 5491.21    | 1.27    | ppb   |
| Antimony   | 121-1 | 48.44    | 45.87    | 45.92    | 46.75      | 3.14    | ppb   |
| Arsenic    | 75-2  | 62.21    | 61.43    | 59.69    | 61.11      | 2.11    | ppb   |
| Barium     | 135-1 | 151.12   | 144.77   | 142.82   | 146.24     | 2.97    | ppb   |
| Barium     | 137-1 | 153.48   | 145.52   | 142.70   | 147.24     | 3.80    | ppb   |
| Beryllium  | 9-1   | 50.91    | 47.93    | 47.18    | 48.67      | 4.05    | ppb   |
| Bismuth    | 209-1 |          |          |          | 98         |         | %     |
| Bismuth    | 209-2 |          |          |          | 92         |         | %     |
| Boron      | 10-1  | 140.99   | 136.44   | 138.91   | 138.78     | 1.64    | ppb   |
| Boron      | 11-1  | 143.11   | 139.86   | 141.66   | 141.54     | 1.15    | ppb   |
| Cadmium    | 111-1 | 51.65    | 48.29    | 48.52    | 49.49      | 3.80    | ppb   |
| Cadmium    | 106-1 | 48.96    | 45.45    | 47.53    | 47.31      | 3.73    | ppb   |
| Cadmium    | 108-1 | 52.19    | 52.45    | 50.01    | 51.55      | 2.60    | ppb   |
| Calcium    | 43-1  | 53013.92 | 49196.40 | 48878.57 | 50362.96   | 4.57    | ppb   |
| Calcium    | 44-1  | 53017.62 | 49474.55 | 49352.71 | 50614.96   | 4.11    | ppb   |
| Chromium   | 52-2  | 137.99   | 136.68   | 136.08   | 136.92     | 0.71    | ppb   |
| Cobalt     | 59-2  | 70.59    | 71.53    | 69.41    | 70.51      | 1.50    | ppb   |
| Copper     | 63-2  | 187.28   | 186.28   | 182.90   | 185.48     | 1.24    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 102        |         | %     |
| Holmium    | 165-2 |          |          |          | 97         |         | %     |
| Indium     | 115-1 |          |          |          | 96         |         | %     |
| Indium     | 115-2 |          |          |          | 92         |         | %     |
| Iron       | 56-2  | 14067.94 | 14014.32 | 13756.36 | 13946.21   | 1.19    | ppb   |
| Iron       | 57-2  | 14047.00 | 14052.86 | 13772.21 | 13957.36   | 1.15    | ppb   |
| Lead       | 206-1 | 106.55   | 99.44    | 98.58    | 101.52     | 4.31    | ppb   |
| Lead       | 207-1 | 100.88   | 94.16    | 93.76    | 96.27      | 4.16    | ppb   |
| Lead       | 208-1 | 103.42   | 97.28    | 96.61    | 99.11      | 3.79    | ppb   |
| Lithium    | 6-1   |          |          |          | 95         |         | %     |
| Magnesium  | 24-2  | 11984.94 | 11893.62 | 11718.43 | 11865.67   | 1.14    | ppb   |
| Manganese  | 55-2  | 910.78   | 901.95   | 893.35   | 902.03     | 0.97    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB96130              | Operator :        | Jaswal    |
| Lab Sample ID :         | J3479-02DLX10        | Instrumnet Name : | P7        |
| Client Sample ID :      | SS003RW114R-180611-1 | Dilution Factor : | 10        |
| Date & Time Acquired :: | 2018-06-19 18:08:01  | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 251.22    | 238.83    | 235.96    | 242.00     | 3.35    | ppb   |
| Molybdenum | 95-1  | 250.03    | 232.71    | 230.49    | 237.74     | 4.50    | ppb   |
| Molybdenum | 96-1  | 250.11    | 235.82    | 232.49    | 239.47     | 3.91    | ppb   |
| Molybdenum | 97-1  | 248.24    | 236.10    | 232.77    | 239.04     | 3.41    | ppb   |
| Molybdenum | 98-1  | 248.88    | 235.41    | 231.33    | 238.54     | 3.85    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 97.99     | 96.74     | 96.34     | 97.03      | 0.89    | ppb   |
| Phosphorus | 31-2  | 250.11    | 232.58    | 229.88    | 237.52     | 4.62    | ppb   |
| Potassium  | 39-2  | 5136.92   | 5106.57   | 5018.67   | 5087.39    | 1.21    | ppb   |
| Rhodium    | 103-1 |           |           |           | 91         |         | %     |
| Rhodium    | 103-2 |           |           |           | 89         |         | %     |
| Scandium   | 45-1  |           |           |           | 93         |         | %     |
| Scandium   | 45-2  |           |           |           | 95         |         | %     |
| Selenium   | 77-2  | 34.28     | 38.76     | 46.72     | 39.92      | 15.79   | ppb   |
| Selenium   | 78-2  | 48.30     | 49.78     | 53.68     | 50.59      | 5.50    | ppb   |
| Selenium   | 82-1  | 49.07     | 47.93     | 45.53     | 47.51      | 3.81    | ppb   |
| Silicon    | 28-1  | 3563.58   | 3324.61   | 3293.07   | 3393.75    | 4.36    | ppb   |
| Silver     | 109-1 | 40.25     | 38.70     | 38.03     | 38.99      | 2.93    | ppb   |
| Silver     | 107-1 | 41.00     | 38.80     | 38.56     | 39.45      | 3.41    | ppb   |
| Sodium     | 23-2  | 455125.52 | 451196.36 | 443139.21 | 449820.36  | 1.36    | ppb   |
| Strontium  | 86-1  | 206.27    | 195.53    | 189.47    | 197.09     | 4.32    | ppb   |
| Strontium  | 88-1  | 207.84    | 195.93    | 193.94    | 199.24     | 3.77    | ppb   |
| Sulfur     | 34-1  | 357472.37 | 334087.75 | 330397.35 | 340652.49  | 4.31    | ppb   |
| Terbium    | 159-1 |           |           |           | 102        |         | %     |
| Terbium    | 159-2 |           |           |           | 97         |         | %     |
| Thallium   | 203-1 | 49.36     | 47.11     | 46.54     | 47.67      | 3.14    | ppb   |
| Thallium   | 205-1 | 50.80     | 47.90     | 47.42     | 48.71      | 3.76    | ppb   |
| Tin        | 118-1 | 52.26     | 49.96     | 48.45     | 50.22      | 3.82    | ppb   |
| Titanium   | 47-1  | 248.75    | 233.56    | 231.17    | 237.83     | 4.01    | ppb   |
| Uranium    | 238-1 | 52.89     | 49.42     | 49.49     | 50.60      | 3.92    | ppb   |
| Vanadium   | 51-2  | 67.80     | 67.13     | 67.43     | 67.45      | 0.49    | ppb   |
| Yttrium    | 89-1  |           |           |           | 98         |         | %     |
| Yttrium    | 89-2  |           |           |           | 94         |         | %     |
| Zinc       | 66-2  | 152.46    | 149.26    | 148.90    | 150.21     | 1.31    | ppb   |
| Zirconium  | 90-1  | 50.86     | 47.99     | 47.54     | 48.80      | 3.69    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB96130              | Operator :        | Jaswal    |
| Lab Sample ID :         | J3479-02DLX10        | Instrumnet Name : | P7        |
| Client Sample ID :      | SS003RW114R-180611-1 | Dilution Factor : | 10        |
| Date & Time Acquired :: | 2018-06-19 18:08:01  | DataFile Name :   | 024SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 51.59   | 49.15   | 48.09   | 49.61      | 3.62    | ppb   |



LB Number : LB96130 Operator : Jaswal  
 Lab Sample ID : J3479-03DLX10 Instrumnet Name : P7  
 Client Sample ID : SS003RW114R-180611-1 Dilution Factor : 10  
 Date & Time Acquired :: 2018-06-19 18:11:35 DataFile Name : 025SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 5528.23  | 5534.85  | 5484.83  | 5515.97    | 0.49    | ppb   |
| Antimony   | 121-1 | 45.95    | 45.66    | 44.83    | 45.48      | 1.28    | ppb   |
| Arsenic    | 75-2  | 60.53    | 61.39    | 61.53    | 61.15      | 0.88    | ppb   |
| Barium     | 135-1 | 141.03   | 140.88   | 139.39   | 140.43     | 0.64    | ppb   |
| Barium     | 137-1 | 140.04   | 142.18   | 140.24   | 140.82     | 0.84    | ppb   |
| Beryllium  | 9-1   | 47.09    | 46.91    | 46.90    | 46.97      | 0.23    | ppb   |
| Bismuth    | 209-1 |          |          |          | 98         |         | %     |
| Bismuth    | 209-2 |          |          |          | 90         |         | %     |
| Boron      | 10-1  | 132.28   | 136.65   | 137.34   | 135.42     | 2.03    | ppb   |
| Boron      | 11-1  | 137.11   | 140.91   | 143.79   | 140.60     | 2.38    | ppb   |
| Cadmium    | 111-1 | 47.09    | 47.60    | 47.96    | 47.55      | 0.92    | ppb   |
| Cadmium    | 106-1 | 45.25    | 45.99    | 46.89    | 46.04      | 1.78    | ppb   |
| Cadmium    | 108-1 | 49.60    | 46.67    | 45.96    | 47.41      | 4.07    | ppb   |
| Calcium    | 43-1  | 49608.85 | 48341.87 | 48546.16 | 48832.29   | 1.39    | ppb   |
| Calcium    | 44-1  | 49494.99 | 48860.95 | 48821.91 | 49059.28   | 0.77    | ppb   |
| Chromium   | 52-2  | 140.00   | 140.41   | 138.90   | 139.77     | 0.56    | ppb   |
| Cobalt     | 59-2  | 71.88    | 71.77    | 71.14    | 71.60      | 0.56    | ppb   |
| Copper     | 63-2  | 186.82   | 188.66   | 184.07   | 186.52     | 1.24    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 103        |         | %     |
| Holmium    | 165-2 |          |          |          | 95         |         | %     |
| Indium     | 115-1 |          |          |          | 96         |         | %     |
| Indium     | 115-2 |          |          |          | 90         |         | %     |
| Iron       | 56-2  | 14178.34 | 14194.06 | 14007.18 | 14126.53   | 0.73    | ppb   |
| Iron       | 57-2  | 14143.44 | 14162.58 | 14085.81 | 14130.61   | 0.28    | ppb   |
| Lead       | 206-1 | 98.57    | 97.83    | 97.30    | 97.90      | 0.65    | ppb   |
| Lead       | 207-1 | 94.05    | 92.89    | 93.19    | 93.38      | 0.64    | ppb   |
| Lead       | 208-1 | 96.37    | 95.50    | 94.84    | 95.57      | 0.80    | ppb   |
| Lithium    | 6-1   |          |          |          | 94         |         | %     |
| Magnesium  | 24-2  | 12121.02 | 12167.79 | 11952.50 | 12080.44   | 0.94    | ppb   |
| Manganese  | 55-2  | 923.69   | 924.88   | 911.84   | 920.14     | 0.78    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB96130              | Operator :        | Jaswal    |
| Lab Sample ID :         | J3479-03DLX10        | Instrumnet Name : | P7        |
| Client Sample ID :      | SS003RW114R-180611-I | Dilution Factor : | 10        |
| Date & Time Acquired :: | 2018-06-19 18:11:35  | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 232.96    | 230.19    | 229.68    | 230.94     | 0.77    | ppb   |
| Molybdenum | 95-1  | 227.23    | 226.90    | 224.01    | 226.05     | 0.78    | ppb   |
| Molybdenum | 96-1  | 227.91    | 226.24    | 225.77    | 226.64     | 0.50    | ppb   |
| Molybdenum | 97-1  | 229.34    | 225.87    | 226.88    | 227.37     | 0.79    | ppb   |
| Molybdenum | 98-1  | 227.92    | 225.78    | 225.36    | 226.35     | 0.61    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 98.19     | 98.69     | 98.47     | 98.45      | 0.26    | ppb   |
| Phosphorus | 31-2  | 290.42    | 269.28    | 228.27    | 262.66     | 12.03   | ppb   |
| Potassium  | 39-2  | 5207.54   | 5172.07   | 5092.64   | 5157.42    | 1.14    | ppb   |
| Rhodium    | 103-1 |           |           |           | 91         |         | %     |
| Rhodium    | 103-2 |           |           |           | 88         |         | %     |
| Scandium   | 45-1  |           |           |           | 94         |         | %     |
| Scandium   | 45-2  |           |           |           | 93         |         | %     |
| Selenium   | 77-2  | 50.04     | 50.16     | 44.34     | 48.18      | 6.90    | ppb   |
| Selenium   | 78-2  | 48.38     | 50.22     | 44.61     | 47.74      | 5.99    | ppb   |
| Selenium   | 82-1  | 45.06     | 46.49     | 43.84     | 45.13      | 2.94    | ppb   |
| Silicon    | 28-1  | 3319.40   | 3262.59   | 3269.71   | 3283.90    | 0.94    | ppb   |
| Silver     | 109-1 | 37.51     | 37.76     | 37.22     | 37.50      | 0.72    | ppb   |
| Silver     | 107-1 | 38.71     | 38.56     | 38.37     | 38.55      | 0.44    | ppb   |
| Sodium     | 23-2  | 462688.50 | 461302.59 | 455760.93 | 459917.34  | 0.80    | ppb   |
| Strontium  | 86-1  | 190.50    | 187.92    | 188.65    | 189.03     | 0.70    | ppb   |
| Strontium  | 88-1  | 193.32    | 191.55    | 191.37    | 192.08     | 0.56    | ppb   |
| Sulfur     | 34-1  | 335456.20 | 328233.80 | 328448.81 | 330712.94  | 1.24    | ppb   |
| Terbium    | 159-1 |           |           |           | 103        |         | %     |
| Terbium    | 159-2 |           |           |           | 95         |         | %     |
| Thallium   | 203-1 | 47.10     | 45.94     | 46.14     | 46.39      | 1.34    | ppb   |
| Thallium   | 205-1 | 47.51     | 47.21     | 46.68     | 47.13      | 0.89    | ppb   |
| Tin        | 118-1 | 48.22     | 47.60     | 47.60     | 47.81      | 0.75    | ppb   |
| Titanium   | 47-1  | 230.20    | 222.82    | 222.98    | 225.33     | 1.87    | ppb   |
| Uranium    | 238-1 | 49.76     | 49.23     | 48.91     | 49.30      | 0.88    | ppb   |
| Vanadium   | 51-2  | 68.68     | 68.37     | 67.85     | 68.30      | 0.61    | ppb   |
| Yttrium    | 89-1  |           |           |           | 98         |         | %     |
| Yttrium    | 89-2  |           |           |           | 92         |         | %     |
| Zinc       | 66-2  | 155.34    | 155.12    | 150.93    | 153.80     | 1.62    | ppb   |
| Zirconium  | 90-1  | 47.21     | 47.42     | 46.84     | 47.16      | 0.63    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB96130              | Operator :        | Jaswal    |
| Lab Sample ID :         | J3479-03DLX10        | Instrumnet Name : | P7        |
| Client Sample ID :      | SS003RW114R-180611-1 | Dilution Factor : | 10        |
| Date & Time Acquired :: | 2018-06-19 18:11:35  | DataFile Name :   | 025SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 47.97   | 46.99   | 47.54   | 47.50      | 1.03    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB96130              | Operator :        | Jaswal    |
| Lab Sample ID :         | J3479-02ADLX10       | Instrumnet Name : | P7        |
| Client Sample ID :      | SS003RW114R-180611-I | Dilution Factor : | 10        |
| Date & Time Acquired :: | 2018-06-19 18:15:09  | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 5321.34  | 5260.46  | 5278.18  | 5286.66    | 0.59    | ppb   |
| Antimony   | 121-1 | 43.58    | 42.66    | 42.57    | 42.94      | 1.30    | ppb   |
| Arsenic    | 75-2  | 59.24    | 58.10    | 60.48    | 59.28      | 2.01    | ppb   |
| Barium     | 135-1 | 135.61   | 134.40   | 132.66   | 134.22     | 1.11    | ppb   |
| Barium     | 137-1 | 136.45   | 135.34   | 134.65   | 135.48     | 0.67    | ppb   |
| Beryllium  | 9-1   | 45.76    | 46.00    | 45.45    | 45.74      | 0.60    | ppb   |
| Bismuth    | 209-1 |          |          |          | 100        |         | %     |
| Bismuth    | 209-2 |          |          |          | 90         |         | %     |
| Boron      | 10-1  | 129.80   | 131.74   | 141.72   | 134.42     | 4.76    | ppb   |
| Boron      | 11-1  | 133.55   | 135.22   | 139.55   | 136.11     | 2.28    | ppb   |
| Cadmium    | 111-1 | 45.72    | 45.65    | 45.02    | 45.46      | 0.85    | ppb   |
| Cadmium    | 106-1 | 43.73    | 40.28    | 41.61    | 41.87      | 4.16    | ppb   |
| Cadmium    | 108-1 | 48.91    | 45.00    | 46.06    | 46.66      | 4.33    | ppb   |
| Calcium    | 43-1  | 46958.12 | 46408.88 | 46666.58 | 46677.86   | 0.59    | ppb   |
| Calcium    | 44-1  | 47144.79 | 46869.09 | 46909.10 | 46974.32   | 0.32    | ppb   |
| Chromium   | 52-2  | 136.50   | 133.06   | 135.10   | 134.89     | 1.28    | ppb   |
| Cobalt     | 59-2  | 70.52    | 68.11    | 69.65    | 69.43      | 1.76    | ppb   |
| Copper     | 63-2  | 179.96   | 177.76   | 182.45   | 180.06     | 1.30    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 105        |         | %     |
| Holmium    | 165-2 |          |          |          | 95         |         | %     |
| Indium     | 115-1 |          |          |          | 98         |         | %     |
| Indium     | 115-2 |          |          |          | 90         |         | %     |
| Iron       | 56-2  | 13749.33 | 13553.44 | 13723.29 | 13675.35   | 0.78    | ppb   |
| Iron       | 57-2  | 13813.02 | 13577.90 | 13784.68 | 13725.20   | 0.94    | ppb   |
| Lead       | 206-1 | 94.23    | 93.19    | 92.71    | 93.38      | 0.83    | ppb   |
| Lead       | 207-1 | 89.47    | 88.46    | 88.78    | 88.90      | 0.58    | ppb   |
| Lead       | 208-1 | 91.98    | 91.42    | 91.00    | 91.47      | 0.54    | ppb   |
| Lithium    | 6-1   |          |          |          | 96         |         | %     |
| Magnesium  | 24-2  | 11711.16 | 11411.44 | 11588.48 | 11570.36   | 1.30    | ppb   |
| Manganese  | 55-2  | 888.35   | 873.50   | 888.12   | 883.33     | 0.96    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB96130              | Operator :        | Jaswal    |
| Lab Sample ID :         | J3479-02ADLX10       | Instrumnet Name : | P7        |
| Client Sample ID :      | SS003RW114R-180611-1 | Dilution Factor : | 10        |
| Date & Time Acquired :: | 2018-06-19 18:15:09  | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 223.81    | 219.85    | 221.35    | 221.67     | 0.90    | ppb   |
| Molybdenum | 95-1  | 222.71    | 217.15    | 216.73    | 218.86     | 1.53    | ppb   |
| Molybdenum | 96-1  | 221.33    | 217.91    | 217.47    | 218.90     | 0.97    | ppb   |
| Molybdenum | 97-1  | 222.34    | 219.48    | 216.61    | 219.48     | 1.31    | ppb   |
| Molybdenum | 98-1  | 220.66    | 216.79    | 216.07    | 217.84     | 1.13    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 95.41     | 94.46     | 96.08     | 95.32      | 0.86    | ppb   |
| Phosphorus | 31-2  | 237.74    | 252.23    | 271.77    | 253.91     | 6.73    | ppb   |
| Potassium  | 39-2  | 4978.09   | 4884.13   | 4990.30   | 4950.84    | 1.17    | ppb   |
| Rhodium    | 103-1 |           |           |           | 93         |         | %     |
| Rhodium    | 103-2 |           |           |           | 88         |         | %     |
| Scandium   | 45-1  |           |           |           | 95         |         | %     |
| Scandium   | 45-2  |           |           |           | 93         |         | %     |
| Selenium   | 77-2  | 44.89     | 55.92     | 39.74     | 46.85      | 17.64   | ppb   |
| Selenium   | 78-2  | 48.19     | 43.91     | 44.76     | 45.62      | 4.97    | ppb   |
| Selenium   | 82-1  | 43.84     | 42.89     | 42.81     | 43.18      | 1.33    | ppb   |
| Silicon    | 28-1  | 3151.55   | 3147.38   | 3113.59   | 3137.51    | 0.66    | ppb   |
| Silver     | 109-1 | 36.27     | 35.87     | 35.73     | 35.96      | 0.78    | ppb   |
| Silver     | 107-1 | 37.05     | 36.62     | 36.31     | 36.66      | 1.02    | ppb   |
| Sodium     | 23-2  | 444653.49 | 434147.95 | 444274.58 | 441025.34  | 1.35    | ppb   |
| Strontium  | 86-1  | 183.65    | 180.35    | 180.62    | 181.54     | 1.01    | ppb   |
| Strontium  | 88-1  | 186.32    | 183.68    | 182.95    | 184.32     | 0.96    | ppb   |
| Sulfur     | 34-1  | 316606.95 | 313532.07 | 312686.26 | 314275.09  | 0.66    | ppb   |
| Terbium    | 159-1 |           |           |           | 105        |         | %     |
| Terbium    | 159-2 |           |           |           | 95         |         | %     |
| Thallium   | 203-1 | 44.21     | 44.00     | 44.06     | 44.09      | 0.24    | ppb   |
| Thallium   | 205-1 | 45.29     | 44.86     | 45.07     | 45.08      | 0.48    | ppb   |
| Tin        | 118-1 | 46.38     | 45.50     | 45.79     | 45.89      | 0.98    | ppb   |
| Titanium   | 47-1  | 215.22    | 220.37    | 214.28    | 216.62     | 1.51    | ppb   |
| Uranium    | 238-1 | 47.29     | 47.32     | 46.78     | 47.13      | 0.65    | ppb   |
| Vanadium   | 51-2  | 66.45     | 64.69     | 65.62     | 65.58      | 1.34    | ppb   |
| Yttrium    | 89-1  |           |           |           | 100        |         | %     |
| Yttrium    | 89-2  |           |           |           | 92         |         | %     |
| Zinc       | 66-2  | 150.91    | 143.43    | 146.86    | 147.07     | 2.54    | ppb   |
| Zirconium  | 90-1  | 45.56     | 45.01     | 44.52     | 45.03      | 1.16    | ppb   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB96130              | Operator :        | Jaswal    |
| Lab Sample ID :         | J3479-02ADLX10       | Instrumnet Name : | P7        |
| Client Sample ID :      | SS003RW114R-180611-1 | Dilution Factor : | 10        |
| Date & Time Acquired :: | 2018-06-19 18:15:09  | DataFile Name :   | 026SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 46.10   | 44.80   | 45.21   | 45.37      | 1.46    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | J3535-09DLX2        | Instrumnet Name : | P7        |
| Client Sample ID :      | DUP-0448-180613DL   | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-06-19 18:18:43 | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 15.74    | 14.03    | 15.80    | 15.19      | 6.62    | ppb   |
| Antimony   | 121-1 | 1.22     | 1.18     | 1.23     | 1.21       | 2.30    | ppb   |
| Arsenic    | 75-2  | 3.89     | 3.60     | 3.72     | 3.74       | 3.86    | ppb   |
| Barium     | 135-1 | 122.76   | 119.90   | 120.96   | 121.21     | 1.19    | ppb   |
| Barium     | 137-1 | 123.28   | 120.33   | 121.45   | 121.69     | 1.22    | ppb   |
| Beryllium  | 9-1   | 0.18     | 0.03     | 0.14     | 0.12       | 63.96   | ppb   |
| Bismuth    | 209-1 |          |          |          | 103        |         | %     |
| Bismuth    | 209-2 |          |          |          | 94         |         | %     |
| Boron      | 10-1  | 139.74   | 139.88   | 136.88   | 138.83     | 1.22    | ppb   |
| Boron      | 11-1  | 140.67   | 142.21   | 143.99   | 142.29     | 1.17    | ppb   |
| Cadmium    | 111-1 | 0.03     | -0.13    | -0.07    | -0.06      |         | ppb   |
| Cadmium    | 106-1 | 0.03     | -2.18    | -1.38    | -1.18      |         | ppb   |
| Cadmium    | 108-1 | -0.02    | 0.11     | 0.16     | 0.08       | 109.29  | ppb   |
| Calcium    | 43-1  | 59553.98 | 58564.67 | 59238.59 | 59119.08   | 0.85    | ppb   |
| Calcium    | 44-1  | 60019.31 | 59410.71 | 59877.09 | 59769.04   | 0.53    | ppb   |
| Chromium   | 52-2  | 18.50    | 17.71    | 17.50    | 17.90      | 2.95    | ppb   |
| Cobalt     | 59-2  | 0.85     | 0.80     | 0.82     | 0.82       | 2.90    | ppb   |
| Copper     | 63-2  | 1.93     | 1.97     | 2.04     | 1.98       | 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 |          |          |          | 95         |         | %     |
| Indium     | 115-1 |          |          |          | 103        |         | %     |
| Indium     | 115-2 |          |          |          | 95         |         | %     |
| Iron       | 56-2  | 518.94   | 505.78   | 503.14   | 509.29     | 1.66    | ppb   |
| Iron       | 57-2  | 658.41   | 639.35   | 635.49   | 644.42     | 1.90    | ppb   |
| Lead       | 206-1 | 0.27     | 0.26     | 0.29     | 0.27       | 5.81    | ppb   |
| Lead       | 207-1 | 0.29     | 0.25     | 0.24     | 0.26       | 10.20   | ppb   |
| Lead       | 208-1 | 0.27     | 0.25     | 0.26     | 0.26       | 4.34    | ppb   |
| Lithium    | 6-1   |          |          |          | 95         |         | %     |
| Magnesium  | 24-2  | 9010.14  | 8867.03  | 8752.63  | 8876.60    | 1.45    | ppb   |
| Manganese  | 55-2  | 351.06   | 340.58   | 336.37   | 342.67     | 2.21    | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | J3535-09DLX2        | Instrumnet Name : | P7        |
| Client Sample ID :      | DUP-0448-180613DL   | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-06-19 18:18:43 | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Molybdenum | 94-1  | 12.01    | 11.24    | 11.08    | 11.44      | 4.35    | ppb   |
| Molybdenum | 95-1  | 16.37    | 16.46    | 16.63    | 16.49      | 0.81    | ppb   |
| Molybdenum | 96-1  | 15.82    | 15.80    | 15.79    | 15.80      | 0.10    | ppb   |
| Molybdenum | 97-1  | 16.74    | 16.56    | 16.34    | 16.54      | 1.21    | ppb   |
| Molybdenum | 98-1  | 16.59    | 16.41    | 16.43    | 16.48      | 0.62    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 6.79     | 6.63     | 6.57     | 6.67       | 1.69    | ppb   |
| Phosphorus | 31-2  | 14.34    | 9.84     | 9.05     | 11.08      | 25.74   | ppb   |
| Potassium  | 39-2  | 1086.00  | 1055.31  | 1062.23  | 1067.84    | 1.51    | ppb   |
| Rhodium    | 103-1 |          |          |          | 95         |         | %     |
| Rhodium    | 103-2 |          |          |          | 91         |         | %     |
| Scandium   | 45-1  |          |          |          | 92         |         | %     |
| Scandium   | 45-2  |          |          |          | 91         |         | %     |
| Selenium   | 77-2  | 0.00     | 2.84     | 3.79     | 2.21       | 89.23   | ppb   |
| Selenium   | 78-2  | -0.97    | -0.90    | 0.51     | -0.46      |         | ppb   |
| Selenium   | 82-1  | 0.52     | 1.07     | 1.11     | 0.90       | 36.89   | ppb   |
| Silicon    | 28-1  | 3998.08  | 3951.65  | 3970.69  | 3973.47    | 0.59    | ppb   |
| Silver     | 109-1 | 0.44     | 0.40     | 0.45     | 0.43       | 5.56    | ppb   |
| Silver     | 107-1 | 0.43     | 0.41     | 0.47     | 0.43       | 6.59    | ppb   |
| Sodium     | 23-2  | 20434.92 | 20116.81 | 19845.11 | 20132.28   | 1.47    | ppb   |
| Strontium  | 86-1  | 362.41   | 356.20   | 356.42   | 358.34     | 0.98    | ppb   |
| Strontium  | 88-1  | 364.43   | 358.67   | 358.47   | 360.52     | 0.94    | ppb   |
| Sulfur     | 34-1  | 6261.41  | 5942.61  | 6101.03  | 6101.68    | 2.61    | ppb   |
| Terbium    | 159-1 |          |          |          | 103        |         | %     |
| Terbium    | 159-2 |          |          |          | 94         |         | %     |
| Thallium   | 203-1 | 0.18     | 0.12     | 0.10     | 0.13       | 33.29   | ppb   |
| Thallium   | 205-1 | 0.17     | 0.13     | 0.12     | 0.14       | 18.79   | ppb   |
| Tin        | 118-1 | 1.33     | 1.63     | 1.62     | 1.53       | 11.34   | ppb   |
| Titanium   | 47-1  | 0.57     | 0.61     | 0.86     | 0.68       | 22.78   | ppb   |
| Uranium    | 238-1 | 0.41     | 0.39     | 0.37     | 0.39       | 5.28    | ppb   |
| Vanadium   | 51-2  | 0.82     | 0.77     | 0.73     | 0.77       | 6.02    | ppb   |
| Yttrium    | 89-1  |          |          |          | 98         |         | %     |
| Yttrium    | 89-2  |          |          |          | 91         |         | %     |
| Zinc       | 66-2  | 10.34    | 10.02    | 10.23    | 10.20      | 1.58    | ppb   |
| Zirconium  | 90-1  | 0.07     | 0.07     | 0.05     | 0.07       | 17.11   | ppb   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | J3535-09DLX2        | Instrumnet Name : | P7        |
| Client Sample ID :      | DUP-0448-180613DL   | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-06-19 18:18:43 | DataFile Name :   | 027SMPL.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.07    | 0.10    | 0.04    | 0.07       | 38.06   | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB96130             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV31               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV31               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-06-19 18:22:17 | DataFile Name :   | 028CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 52303.74  | 52551.09  | 51934.48  | 52263.11   | 0.59    | ppb   |
| Antimony   | 121-1 | 448.08    | 447.05    | 444.98    | 446.70     | 0.35    | ppb   |
| Arsenic    | 75-2  | 518.07    | 513.92    | 514.66    | 515.55     | 0.43    | ppb   |
| Barium     | 135-1 | 2509.49   | 2499.57   | 2467.12   | 2492.06    | 0.89    | ppb   |
| Barium     | 137-1 | 2484.63   | 2466.77   | 2452.07   | 2467.82    | 0.66    | ppb   |
| Beryllium  | 9-1   | 509.80    | 503.26    | 500.49    | 504.52     | 0.95    | ppb   |
| Bismuth    | 209-1 |           |           |           | 96         |         | %     |
| Bismuth    | 209-2 |           |           |           | 86         |         | %     |
| Boron      | 10-1  | 490.50    | 510.95    | 513.55    | 505.00     | 2.50    | ppb   |
| Boron      | 11-1  | 483.78    | 501.11    | 501.01    | 495.30     | 2.01    | ppb   |
| Cadmium    | 111-1 | 474.37    | 473.11    | 467.66    | 471.71     | 0.76    | ppb   |
| Cadmium    | 106-1 | 476.73    | 479.10    | 460.98    | 472.27     | 2.09    | ppb   |
| Cadmium    | 108-1 | 479.13    | 485.74    | 466.47    | 477.11     | 2.05    | ppb   |
| Calcium    | 43-1  | 276643.01 | 272605.85 | 271612.94 | 273620.60  | 0.97    | ppb   |
| Calcium    | 44-1  | 272367.92 | 268393.38 | 266598.72 | 269120.01  | 1.10    | ppb   |
| Chromium   | 52-2  | 539.97    | 536.96    | 530.42    | 535.78     | 0.91    | ppb   |
| Cobalt     | 59-2  | 511.94    | 511.86    | 502.18    | 508.66     | 1.10    | ppb   |
| Copper     | 63-2  | 1003.66   | 1004.27   | 999.88    | 1002.60    | 0.24    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 103        |         | %     |
| Holmium    | 165-2 |           |           |           | 93         |         | %     |
| Indium     | 115-1 |           |           |           | 95         |         | %     |
| Indium     | 115-2 |           |           |           | 86         |         | %     |
| Iron       | 56-2  | 131890.47 | 131417.50 | 130417.61 | 131241.86  | 0.57    | ppb   |
| Iron       | 57-2  | 133614.54 | 132860.00 | 131476.46 | 132650.33  | 0.82    | ppb   |
| Lead       | 206-1 | 500.71    | 495.27    | 494.23    | 496.74     | 0.70    | ppb   |
| Lead       | 207-1 | 498.25    | 493.09    | 493.28    | 494.87     | 0.59    | ppb   |
| Lead       | 208-1 | 504.28    | 498.15    | 498.31    | 500.25     | 0.70    | ppb   |
| Lithium    | 6-1   |           |           |           | 92         |         | %     |
| Magnesium  | 24-2  | 255402.57 | 255937.26 | 253176.07 | 254838.63  | 0.57    | ppb   |
| Manganese  | 55-2  | 1024.93   | 1029.25   | 1017.84   | 1024.00    | 0.56    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB96130             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV31               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV31               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-06-19 18:22:17 | DataFile Name :   | 028CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Molybdenum | 94-1  | 2488.12   | 2458.17   | 2427.92   | 2458.07    | 1.22    | ppb   |
| Molybdenum | 95-1  | 2515.22   | 2470.39   | 2449.11   | 2478.24    | 1.36    | ppb   |
| Molybdenum | 96-1  | 2507.13   | 2459.94   | 2442.60   | 2469.89    | 1.35    | ppb   |
| Molybdenum | 97-1  | 2525.01   | 2481.85   | 2468.61   | 2491.82    | 1.18    | ppb   |
| Molybdenum | 98-1  | 2488.74   | 2459.83   | 2444.51   | 2464.36    | 0.91    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 518.49    | 517.45    | 513.02    | 516.32     | 0.56    | ppb   |
| Phosphorus | 31-2  | 9969.50   | 10526.07  | 10389.17  | 10294.91   | 2.82    | ppb   |
| Potassium  | 39-2  | 129076.40 | 129370.38 | 128663.91 | 129036.90  | 0.28    | ppb   |
| Rhodium    | 103-1 |           |           |           | 90         |         | %     |
| Rhodium    | 103-2 |           |           |           | 85         |         | %     |
| Scandium   | 45-1  |           |           |           | 93         |         | %     |
| Scandium   | 45-2  |           |           |           | 90         |         | %     |
| Selenium   | 77-2  | 509.50    | 502.43    | 497.96    | 503.30     | 1.16    | ppb   |
| Selenium   | 78-2  | 514.98    | 505.78    | 510.53    | 510.43     | 0.90    | ppb   |
| Selenium   | 82-1  | 488.06    | 475.52    | 473.34    | 478.97     | 1.66    | ppb   |
| Silicon    | 28-1  | 558.93    | 567.74    | 572.67    | 566.45     | 1.23    | ppb   |
| Silver     | 109-1 | 478.43    | 471.12    | 468.34    | 472.63     | 1.10    | ppb   |
| Silver     | 107-1 | 486.58    | 481.80    | 476.04    | 481.47     | 1.10    | ppb   |
| Sodium     | 23-2  | 257581.52 | 257893.13 | 255909.88 | 257128.18  | 0.41    | ppb   |
| Strontium  | 86-1  | 508.84    | 501.72    | 495.52    | 502.03     | 1.33    | ppb   |
| Strontium  | 88-1  | 512.03    | 507.17    | 503.66    | 507.62     | 0.83    | ppb   |
| Sulfur     | 34-1  | 9439.77   | 8953.85   | 9062.65   | 9152.09    | 2.79    | ppb   |
| Terbium    | 159-1 |           |           |           | 103        |         | %     |
| Terbium    | 159-2 |           |           |           | 93         |         | %     |
| Thallium   | 203-1 | 499.81    | 491.24    | 488.69    | 493.25     | 1.18    | ppb   |
| Thallium   | 205-1 | 515.17    | 511.22    | 509.98    | 512.12     | 0.53    | ppb   |
| Tin        | 118-1 | 489.48    | 485.65    | 481.90    | 485.68     | 0.78    | ppb   |
| Titanium   | 47-1  | 2448.52   | 2438.53   | 2391.75   | 2426.26    | 1.25    | ppb   |
| Uranium    | 238-1 | 504.38    | 497.69    | 496.35    | 499.48     | 0.86    | ppb   |
| Vanadium   | 51-2  | 522.89    | 519.44    | 515.24    | 519.19     | 0.74    | ppb   |
| Yttrium    | 89-1  |           |           |           | 97         |         | %     |
| Yttrium    | 89-2  |           |           |           | 89         |         | %     |
| Zinc       | 66-2  | 973.94    | 967.00    | 958.42    | 966.45     | 0.80    | ppb   |
| Zirconium  | 90-1  | 504.98    | 496.12    | 490.90    | 497.33     | 1.43    | ppb   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB96130             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV31               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV31               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-06-19 18:22:17 | DataFile Name :   | 028CCV.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 499.82  | 490.92  | 485.42  | 492.05     | 1.48    | ppb   |

LB Number : LB96130 Operator : Jaswal  
 Lab Sample ID : CCB31 Instrumnet Name : P7  
 Client Sample ID : CCB31 Dilution Factor : 1  
 Date & Time Acquired :: 2018-06-19 18:28:25 DataFile Name : 029CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.05   | 0.11    | 0.46    | 0.18       | 149.73  | ppb   |
| Antimony   | 121-1 | 0.14    | 0.12    | 0.14    | 0.13       | 10.19   | ppb   |
| Arsenic    | 75-2  | 0.05    | 0.01    | 0.02    | 0.03       | 60.69   | ppb   |
| Barium     | 135-1 | 0.02    | 0.03    | 0.02    | 0.02       | 27.89   | ppb   |
| Barium     | 137-1 | 0.04    | 0.04    | 0.03    | 0.04       | 1.03    | ppb   |
| Beryllium  | 9-1   | 0.18    | 0.27    | 0.22    | 0.22       | 20.22   | ppb   |
| Bismuth    | 209-1 |         |         |         | 99         |         | %     |
| Bismuth    | 209-2 |         |         |         | 94         |         | %     |
| Boron      | 10-1  | 12.76   | 15.42   | 15.84   | 14.67      | 11.39   | ppb   |
| Boron      | 11-1  | 14.21   | 13.69   | 13.14   | 13.68      | 3.93    | ppb   |
| Cadmium    | 111-1 | -0.05   | -0.09   | -0.06   | -0.07      |         | ppb   |
| Cadmium    | 106-1 | -0.77   | -1.62   | -1.03   | -1.14      |         | ppb   |
| Cadmium    | 108-1 | 0.03    | -0.06   | -0.01   | -0.01      |         | ppb   |
| Calcium    | 43-1  | 8.60    | 3.60    | 4.50    | 5.57       | 47.82   | ppb   |
| Calcium    | 44-1  | 7.58    | 6.27    | 5.45    | 6.43       | 16.73   | ppb   |
| Chromium   | 52-2  | -0.02   | 0.01    | 0.00    | 0.00       |         | ppb   |
| Cobalt     | 59-2  | -0.01   | -0.02   | -0.02   | -0.02      |         | ppb   |
| Copper     | 63-2  | 0.19    | 0.19    | 0.15    | 0.18       | 15.40   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 98         |         | %     |
| Holmium    | 165-2 |         |         |         | 93         |         | %     |
| Indium     | 115-1 |         |         |         | 95         |         | %     |
| Indium     | 115-2 |         |         |         | 91         |         | %     |
| Iron       | 56-2  | 3.60    | 3.21    | 3.17    | 3.33       | 7.10    | ppb   |
| Iron       | 57-2  | 1.21    | 2.65    | 5.08    | 2.98       | 65.52   | ppb   |
| Lead       | 206-1 | 0.05    | 0.07    | 0.06    | 0.06       | 15.30   | ppb   |
| Lead       | 207-1 | 0.07    | 0.05    | 0.05    | 0.05       | 24.39   | ppb   |
| Lead       | 208-1 | 0.06    | 0.05    | 0.05    | 0.05       | 2.54    | ppb   |
| Lithium    | 6-1   |         |         |         | 91         |         | %     |
| Magnesium  | 24-2  | 0.56    | 1.10    | 1.20    | 0.95       | 36.05   | ppb   |
| Manganese  | 55-2  | 0.04    | 0.03    | 0.04    | 0.04       | 28.21   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB31               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB31               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-06-19 18:28:25 | DataFile Name :   | 029CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Molybdenum | 94-1  | 0.11    | 0.10    | 0.06    | 0.09       | 34.29   | ppb   |
| Molybdenum | 95-1  | 0.10    | 0.12    | 0.10    | 0.11       | 8.57    | ppb   |
| Molybdenum | 96-1  | 0.11    | 0.12    | 0.05    | 0.09       | 37.83   | ppb   |
| Molybdenum | 97-1  | 0.13    | 0.07    | 0.11    | 0.10       | 28.33   | ppb   |
| Molybdenum | 98-1  | 0.09    | 0.10    | 0.06    | 0.09       | 22.78   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.08   | -0.04   | -0.02   | -0.05      |         | ppb   |
| Phosphorus | 31-2  | 16.26   | 12.67   | -6.79   | 7.38       | 168.09  | ppb   |
| Potassium  | 39-2  | 9.88    | 2.79    | 3.54    | 5.40       | 72.09   | ppb   |
| Rhodium    | 103-1 |         |         |         | 94         |         | %     |
| Rhodium    | 103-2 |         |         |         | 92         |         | %     |
| Scandium   | 45-1  |         |         |         | 91         |         | %     |
| Scandium   | 45-2  |         |         |         | 92         |         | %     |
| Selenium   | 77-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | -1.66   | 0.97    | -0.48   | -0.39      |         | ppb   |
| Selenium   | 82-1  | -0.24   | 0.55    | -0.73   | -0.14      |         | ppb   |
| Silicon    | 28-1  | 0.85    | 0.32    | 0.09    | 0.42       | 91.94   | ppb   |
| Silver     | 109-1 | 0.07    | 0.06    | 0.08    | 0.07       | 14.43   | ppb   |
| Silver     | 107-1 | 0.07    | 0.07    | 0.05    | 0.06       | 14.86   | ppb   |
| Sodium     | 23-2  | 80.38   | 70.85   | 80.41   | 77.22      | 7.14    | ppb   |
| Strontium  | 86-1  | -0.05   | -0.10   | 0.02    | -0.04      |         | ppb   |
| Strontium  | 88-1  | 0.01    | 0.01    | 0.01    | 0.01       | 18.42   | ppb   |
| Sulfur     | 34-1  | -479.60 | -607.24 | -639.76 | -575.53    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 99         |         | %     |
| Terbium    | 159-2 |         |         |         | 94         |         | %     |
| Thallium   | 203-1 | 0.02    | 0.04    | 0.04    | 0.03       | 31.63   | ppb   |
| Thallium   | 205-1 | 0.04    | 0.03    | 0.02    | 0.03       | 35.95   | ppb   |
| Tin        | 118-1 | 0.03    | 0.05    | 0.00    | 0.03       | 103.05  | ppb   |
| Titanium   | 47-1  | 0.12    | 0.09    | 0.04    | 0.09       | 51.24   | ppb   |
| Uranium    | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 65.88   | ppb   |
| Vanadium   | 51-2  | 0.01    | 0.01    | 0.02    | 0.01       | 76.32   | ppb   |
| Yttrium    | 89-1  |         |         |         | 95         |         | %     |
| Yttrium    | 89-2  |         |         |         | 91         |         | %     |
| Zinc       | 66-2  | -0.11   | 0.15    | 0.03    | 0.02       | 543.59  | ppb   |
| Zirconium  | 90-1  | 0.01    | 0.00    | 0.00    | 0.01       | 141.70  | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB31               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB31               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-06-19 18:28:25 | DataFile Name :   | 029CCBE.d |

| Parameter | Mass | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|------|---------|---------|---------|------------|---------|-------|
| Zirconium | 91-1 | 0.03    | 0.01    | 0.03    | 0.02       | 46.62   | ppb   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-06-19 16:11:18 | DataFile Name :   | 004CALB.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 42      | 50      | 25      | 39      | 32.73  | cps   |
| Antimony   | 121-1 | 92      | 50      | 50      | 64      | 37.66  | cps   |
| Arsenic    | 75-2  | 4       | 6       | 2       | 4       | 50.09  | cps   |
| Barium     | 135-1 | 25      | 8       | 25      | 19      | 49.50  | cps   |
| Barium     | 137-1 | 33      | 25      | 8       | 22      | 57.29  | cps   |
| Beryllium  | 9-1   | 89      | 94      | 122     | 102     | 17.54  | cps   |
| Bismuth    | 209-1 | 4478476 | 4505433 | 4497581 | 4493830 | 0.31   | cps   |
| Bismuth    | 209-2 | 3178341 | 3244475 | 3296128 | 3239648 | 1.82   | cps   |
| Boron      | 10-1  | 217     | 200     | 242     | 219     | 9.56   | cps   |
| Boron      | 11-1  | 1333    | 1483    | 1267    | 1361    | 8.15   | cps   |
| Cadmium    | 111-1 | 1243    | 1334    | 1174    | 1250    | 6.44   | cps   |
| Cadmium    | 106-1 | 1792    | 1909    | 1675    | 1792    | 6.51   | cps   |
| Cadmium    | 108-1 | 17      | 8       | 4       | 10      | 65.47  | cps   |
| Calcium    | 43-1  | 83      | 58      | 50      | 64      | 27.15  | cps   |
| Calcium    | 44-1  | 3392    | 3384    | 3592    | 3456    | 3.41   | cps   |
| Chromium   | 52-2  | 190     | 160     | 173     | 174     | 8.62   | cps   |
| Cobalt     | 59-2  | 133     | 113     | 113     | 120     | 9.62   | cps   |
| Copper     | 63-2  | 383     | 320     | 410     | 371     | 12.46  | cps   |
| Dysprosium | 156-1 | 8       | 0       | 0       | 3       | 173.21 | cps   |
| Dysprosium | 156-2 | 0       | 3       | 7       | 3       | 100.05 | cps   |
| Erbium     | 164-1 | 17      | 25      | 8       | 17      | 50.01  | cps   |
| Erbium     | 164-2 | 13      | 13      | 3       | 10      | 57.75  | cps   |
| Gadolinium | 160-1 | 67      | 17      | 0       | 28      | 124.89 | cps   |
| Gadolinium | 160-2 | 113     | 123     | 97      | 111     | 12.13  | cps   |
| Holmium    | 165-1 | 7043532 | 7071856 | 7110505 | 7075298 | 0.48   | cps   |
| Holmium    | 165-2 | 4183195 | 4285921 | 4325393 | 4264836 | 1.72   | cps   |
| Indium     | 115-1 | 6009334 | 6058272 | 5987714 | 6018440 | 0.60   | cps   |
| Indium     | 115-2 | 1311750 | 1337814 | 1363541 | 1337701 | 1.94   | cps   |
| Iron       | 56-2  | 2745    | 3045    | 2878    | 2889    | 5.20   | cps   |
| Iron       | 57-2  | 389     | 300     | 372     | 354     | 13.36  | cps   |
| Lead       | 206-1 | 194     | 178     | 239     | 204     | 15.51  | cps   |
| Lead       | 207-1 | 206     | 139     | 172     | 172     | 19.36  | cps   |
| Lead       | 208-1 | 917     | 767     | 844     | 843     | 8.90   | cps   |
| Lithium    | 6-1   | 1491531 | 1495873 | 1489795 | 1492400 | 0.21   | cps   |
| Magnesium  | 24-2  | 1050    | 925     | 1133    | 1036    | 10.12  | cps   |
| Manganese  | 55-2  | 43      | 40      | 50      | 44      | 11.46  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-06-19 16:11:18 | DataFile Name :   | 004CALB.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 117     | 217     | 208     | 181     | 30.73  | cps   |
| Molybdenum | 95-1  | 42      | 33      | 25      | 33      | 25.01  | cps   |
| Molybdenum | 96-1  | 50      | 75      | 75      | 67      | 21.65  | cps   |
| Molybdenum | 97-1  | 42      | 8       | 25      | 25      | 66.68  | cps   |
| Molybdenum | 98-1  | 33      | 25      | 42      | 33      | 25.01  | cps   |
| Neodymium  | 150-1 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 90      | 133     | 87      | 103     | 25.20  | cps   |
| Phosphorus | 31-2  | 75      | 67      | 142     | 94      | 43.53  | cps   |
| Potassium  | 39-2  | 25406   | 25055   | 24162   | 24875   | 2.58   | cps   |
| Rhodium    | 103-1 | 5490645 | 5511250 | 5464504 | 5488800 | 0.43   | cps   |
| Rhodium    | 103-2 | 2652807 | 2700148 | 2727573 | 2693509 | 1.40   | cps   |
| Scandium   | 45-1  | 3890947 | 3924393 | 3902949 | 3906096 | 0.43   | cps   |
| Scandium   | 45-2  | 166469  | 168010  | 170366  | 168282  | 1.17   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 61      | 54      | 65      | 60      | 9.46   | cps   |
| Selenium   | 82-1  | 31      | -17     | 0       | 5       | 478.88 | cps   |
| Silicon    | 28-1  | 262195  | 263035  | 263871  | 263034  | 0.32   | cps   |
| Silver     | 109-1 | 50      | 25      | 25      | 33      | 43.30  | cps   |
| Silver     | 107-1 | 75      | 100     | 50      | 75      | 33.34  | cps   |
| Sodium     | 23-2  | 8353    | 8561    | 8945    | 8619    | 3.48   | cps   |
| Strontium  | 86-1  | 575     | 458     | 425     | 486     | 16.20  | cps   |
| Strontium  | 88-1  | 25      | 67      | 50      | 47      | 44.41  | cps   |
| Sulfur     | 34-1  | 244651  | 244930  | 241866  | 243816  | 0.69   | cps   |
| Terbium    | 159-1 | 7264804 | 7363692 | 7349780 | 7326092 | 0.73   | cps   |
| Terbium    | 159-2 | 4146668 | 4222897 | 4285898 | 4218488 | 1.65   | cps   |
| Thallium   | 203-1 | 183     | 158     | 142     | 161     | 13.02  | cps   |
| Thallium   | 205-1 | 358     | 383     | 392     | 378     | 4.59   | cps   |
| Tin        | 118-1 | 617     | 375     | 425     | 472     | 27.01  | cps   |
| Titanium   | 47-1  | 58      | 58      | 58      | 58      | 0.00   | cps   |
| Uranium    | 238-1 | 42      | 58      | 117     | 72      | 54.52  | cps   |
| Vanadium   | 51-2  | 10      | 7       | 3       | 7       | 50.03  | cps   |
| Yttrium    | 89-1  | 6418527 | 6428896 | 6388304 | 6411909 | 0.33   | cps   |
| Yttrium    | 89-2  | 969416  | 980315  | 999856  | 983196  | 1.57   | cps   |
| Zinc       | 66-2  | 147     | 93      | 133     | 124     | 22.30  | cps   |
| Zirconium  | 90-1  | 542     | 575     | 583     | 567     | 3.89   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | S0                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-06-19 16:11:18 | DataFile Name :   | 004CALB.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 108  | 58   | 158  | 108     | 46.15  | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB96130             | Operator :        | Jaswal     |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S2                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-06-19 16:35:44 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 1000    | 1067    | 958     | 1008    | 5.42   | cps   |
| Antimony   | 121-1 | 9946    | 10713   | 10504   | 10388   | 3.82   | cps   |
| Arsenic    | 75-2  | 178     | 178     | 200     | 185     | 6.93   | cps   |
| Barium     | 135-1 | 12598   | 13265   | 12406   | 12756   | 3.54   | cps   |
| Barium     | 137-1 | 22719   | 21818   | 22285   | 22274   | 2.02   | cps   |
| Beryllium  | 9-1   | 1200    | 1233    | 1028    | 1154    | 9.56   | cps   |
| Bismuth    | 209-1 | 4706735 | 4791323 | 4667858 | 4721972 | 1.34   | cps   |
| Bismuth    | 209-2 | 3347627 | 3332739 | 3312582 | 3330983 | 0.53   | cps   |
| Boron      | 10-1  | 2684    | 2592    | 2417    | 2564    | 5.29   | cps   |
| Boron      | 11-1  | 12030   | 12898   | 12472   | 12467   | 3.48   | cps   |
| Cadmium    | 111-1 | 2341    | 2526    | 2448    | 2438    | 3.82   | cps   |
| Cadmium    | 106-1 | 1775    | 1984    | 1934    | 1897    | 5.73   | cps   |
| Cadmium    | 108-1 | 104     | 125     | 121     | 117     | 9.45   | cps   |
| Calcium    | 43-1  | 7244    | 8303    | 8003    | 7850    | 6.95   | cps   |
| Calcium    | 44-1  | 132137  | 133356  | 131783  | 132425  | 0.62   | cps   |
| Chromium   | 52-2  | 3407    | 3294    | 3200    | 3300    | 3.14   | cps   |
| Cobalt     | 59-2  | 2564    | 2440    | 2447    | 2484    | 2.79   | cps   |
| Copper     | 63-2  | 3600    | 3534    | 3707    | 3614    | 2.42   | cps   |
| Dysprosium | 156-1 | 8       | 0       | 8       | 6       | 86.60  | cps   |
| Dysprosium | 156-2 | 3       | 7       | 0       | 3       | 100.05 | cps   |
| Erbium     | 164-1 | 50      | 25      | 33      | 36      | 35.25  | cps   |
| Erbium     | 164-2 | 13      | 20      | 20      | 18      | 21.66  | cps   |
| Gadolinium | 160-1 | 17      | 8       | 42      | 22      | 78.07  | cps   |
| Gadolinium | 160-2 | 90      | 127     | 107     | 108     | 17.03  | cps   |
| Holmium    | 165-1 | 7412741 | 7543210 | 7338163 | 7431371 | 1.40   | cps   |
| Holmium    | 165-2 | 4401956 | 4400056 | 4364103 | 4388705 | 0.49   | cps   |
| Indium     | 115-1 | 6238705 | 6434159 | 6225377 | 6299414 | 1.86   | cps   |
| Indium     | 115-2 | 1364867 | 1373230 | 1370051 | 1369383 | 0.31   | cps   |
| Iron       | 56-2  | 63499   | 65351   | 62907   | 63919   | 1.99   | cps   |
| Iron       | 57-2  | 1739    | 1750    | 1950    | 1813    | 6.55   | cps   |
| Lead       | 206-1 | 4095    | 4045    | 4029    | 4056    | 0.86   | cps   |
| Lead       | 207-1 | 3623    | 3601    | 3806    | 3677    | 3.07   | cps   |
| Lead       | 208-1 | 16299   | 15932   | 16332   | 16188   | 1.37   | cps   |
| Lithium    | 6-1   | 1586178 | 1612480 | 1579179 | 1592612 | 1.10   | cps   |
| Magnesium  | 24-2  | 56742   | 56323   | 53571   | 55545   | 3.10   | cps   |
| Manganese  | 55-2  | 880     | 767     | 930     | 859     | 9.74   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB96130             | Operator :        | Jaswal     |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S2                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-06-19 16:35:44 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 10913   | 10629   | 10663   | 10735   | 1.44   | cps   |
| Molybdenum | 95-1  | 12823   | 13065   | 12639   | 12842   | 1.66   | cps   |
| Molybdenum | 96-1  | 14241   | 13665   | 13949   | 13952   | 2.06   | cps   |
| Molybdenum | 97-1  | 7361    | 8128    | 7978    | 7822    | 5.20   | cps   |
| Molybdenum | 98-1  | 20207   | 20349   | 19598   | 20051   | 1.99   | cps   |
| Neodymium  | 150-1 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 727     | 770     | 693     | 730     | 5.27   | cps   |
| Phosphorus | 31-2  | 142     | 183     | 67      | 131     | 45.28  | cps   |
| Potassium  | 39-2  | 81398   | 79958   | 81080   | 80812   | 0.94   | cps   |
| Rhodium    | 103-1 | 5770137 | 5883912 | 5716631 | 5790226 | 1.48   | cps   |
| Rhodium    | 103-2 | 2768055 | 2784975 | 2757882 | 2770304 | 0.49   | cps   |
| Scandium   | 45-1  | 4080974 | 4156654 | 4070869 | 4102832 | 1.14   | cps   |
| Scandium   | 45-2  | 176588  | 175658  | 173584  | 175277  | 0.88   | cps   |
| Selenium   | 77-2  | 17      | 27      | 13      | 19      | 36.75  | cps   |
| Selenium   | 78-2  | 113     | 120     | 109     | 114     | 4.95   | cps   |
| Selenium   | 82-1  | 414     | 405     | 424     | 414     | 2.34   | cps   |
| Silicon    | 28-1  | 317189  | 321946  | 315803  | 318312  | 1.01   | cps   |
| Silver     | 109-1 | 6102    | 6110    | 6018    | 6077    | 0.83   | cps   |
| Silver     | 107-1 | 6227    | 6218    | 6518    | 6321    | 2.70   | cps   |
| Sodium     | 23-2  | 114896  | 113930  | 109044  | 112623  | 2.79   | cps   |
| Strontium  | 86-1  | 2209    | 2075    | 2034    | 2106    | 4.34   | cps   |
| Strontium  | 88-1  | 14675   | 15225   | 14925   | 14942   | 1.84   | cps   |
| Sulfur     | 34-1  | 247420  | 251303  | 246651  | 248458  | 1.00   | cps   |
| Terbium    | 159-1 | 7707201 | 7905085 | 7680291 | 7764192 | 1.58   | cps   |
| Terbium    | 159-2 | 4337807 | 4365209 | 4360047 | 4354354 | 0.33   | cps   |
| Thallium   | 203-1 | 5143    | 4976    | 4743    | 4954    | 4.06   | cps   |
| Thallium   | 205-1 | 12148   | 11897   | 10738   | 11594   | 6.49   | cps   |
| Tin        | 118-1 | 21709   | 22379   | 20499   | 21529   | 4.43   | cps   |
| Titanium   | 47-1  | 3676    | 3859    | 3851    | 3795    | 2.73   | cps   |
| Uranium    | 238-1 | 14984   | 15960   | 15643   | 15529   | 3.21   | cps   |
| Vanadium   | 51-2  | 5965    | 6155    | 5811    | 5977    | 2.88   | cps   |
| Yttrium    | 89-1  | 6759023 | 6901465 | 6712107 | 6790865 | 1.45   | cps   |
| Yttrium    | 89-2  | 1012257 | 1010991 | 1007214 | 1010154 | 0.26   | cps   |
| Zinc       | 66-2  | 660     | 707     | 703     | 690     | 3.77   | cps   |
| Zirconium  | 90-1  | 9529    | 9979    | 9403    | 9637    | 3.14   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | S2                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S2                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-06-19 16:35:44 | DataFile Name :   | 007CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2075 | 2217 | 1842 | 2045    | 9.26   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB96130             | Operator :        | Jaswal     |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S3                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-06-19 16:39:37 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 52693   | 51757   | 52401   | 52284   | 0.92   | cps   |
| Antimony   | 121-1 | 294900  | 294980  | 291688  | 293856  | 0.64   | cps   |
| Arsenic    | 75-2  | 9212    | 8919    | 9144    | 9092    | 1.68   | cps   |
| Barium     | 135-1 | 362577  | 357080  | 364307  | 361321  | 1.04   | cps   |
| Barium     | 137-1 | 624885  | 631044  | 631209  | 629046  | 0.57   | cps   |
| Beryllium  | 9-1   | 53428   | 53668   | 54252   | 53783   | 0.79   | cps   |
| Bismuth    | 209-1 | 5095580 | 5142631 | 5124091 | 5120767 | 0.46   | cps   |
| Bismuth    | 209-2 | 3438779 | 3499902 | 3394131 | 3444271 | 1.54   | cps   |
| Boron      | 10-1  | 5593    | 5276    | 5168    | 5346    | 4.13   | cps   |
| Boron      | 11-1  | 25188   | 25030   | 25289   | 25169   | 0.52   | cps   |
| Cadmium    | 111-1 | 69733   | 69647   | 69581   | 69654   | 0.11   | cps   |
| Cadmium    | 106-1 | 9412    | 9604    | 9170    | 9395    | 2.31   | cps   |
| Cadmium    | 108-1 | 5076    | 4930    | 4968    | 4991    | 1.52   | cps   |
| Calcium    | 43-1  | 91927   | 91130   | 92446   | 91834   | 0.72   | cps   |
| Calcium    | 44-1  | 1495836 | 1480888 | 1490863 | 1489195 | 0.51   | cps   |
| Chromium   | 52-2  | 79513   | 77593   | 81483   | 79530   | 2.45   | cps   |
| Cobalt     | 59-2  | 126425  | 127565  | 131917  | 128636  | 2.25   | cps   |
| Copper     | 63-2  | 183342  | 181068  | 183033  | 182481  | 0.68   | cps   |
| Dysprosium | 156-1 | 33      | 17      | 0       | 17      | 99.99  | cps   |
| Dysprosium | 156-2 | 3       | 20      | 0       | 8       | 137.80 | cps   |
| Erbium     | 164-1 | 42      | 17      | 25      | 28      | 45.82  | cps   |
| Erbium     | 164-2 | 20      | 10      | 10      | 13      | 43.30  | cps   |
| Gadolinium | 160-1 | 25      | 33      | 17      | 25      | 33.32  | cps   |
| Gadolinium | 160-2 | 97      | 140     | 103     | 113     | 20.59  | cps   |
| Holmium    | 165-1 | 7980965 | 8095734 | 7962656 | 8013118 | 0.90   | cps   |
| Holmium    | 165-2 | 4569355 | 4646503 | 4519101 | 4578320 | 1.40   | cps   |
| Indium     | 115-1 | 6616655 | 6737657 | 6638064 | 6664125 | 0.97   | cps   |
| Indium     | 115-2 | 1408250 | 1434528 | 1393231 | 1412003 | 1.48   | cps   |
| Iron       | 56-2  | 3321093 | 3339052 | 3398018 | 3352721 | 1.20   | cps   |
| Iron       | 57-2  | 82392   | 82118   | 83626   | 82712   | 0.97   | cps   |
| Lead       | 206-1 | 209597  | 208701  | 210479  | 209592  | 0.42   | cps   |
| Lead       | 207-1 | 193979  | 191977  | 191941  | 192632  | 0.61   | cps   |
| Lead       | 208-1 | 862039  | 853377  | 860404  | 858607  | 0.54   | cps   |
| Lithium    | 6-1   | 1702233 | 1720759 | 1720733 | 1714575 | 0.62   | cps   |
| Magnesium  | 24-2  | 600915  | 606865  | 610272  | 606017  | 0.78   | cps   |
| Manganese  | 55-2  | 91425   | 92639   | 93978   | 92681   | 1.38   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB96130             | Operator :        | Jaswal     |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S3                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-06-19 16:39:37 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 580879  | 575868  | 578581  | 578442  | 0.43   | cps   |
| Molybdenum | 95-1  | 714458  | 701600  | 709217  | 708425  | 0.91   | cps   |
| Molybdenum | 96-1  | 787924  | 774455  | 785263  | 782547  | 0.91   | cps   |
| Molybdenum | 97-1  | 441011  | 436540  | 441056  | 439536  | 0.59   | cps   |
| Molybdenum | 98-1  | 1138936 | 1124276 | 1136692 | 1133302 | 0.70   | cps   |
| Neodymium  | 150-1 | 27      | 40      | 33      | 33      | 20.00  | cps   |
| Neodymium  | 150-2 | 0       | 7       | 20      | 9       | 114.55 | cps   |
| Nickel     | 60-2  | 33388   | 33786   | 34344   | 33839   | 1.42   | cps   |
| Phosphorus | 31-2  | 2775    | 2942    | 2775    | 2831    | 3.40   | cps   |
| Potassium  | 39-2  | 327303  | 333050  | 338961  | 333105  | 1.75   | cps   |
| Rhodium    | 103-1 | 6043892 | 6232472 | 6055864 | 6110742 | 1.73   | cps   |
| Rhodium    | 103-2 | 2844341 | 2884587 | 2806278 | 2845069 | 1.38   | cps   |
| Scandium   | 45-1  | 4371766 | 4450459 | 4422664 | 4414963 | 0.90   | cps   |
| Scandium   | 45-2  | 180261  | 182184  | 179530  | 180659  | 0.76   | cps   |
| Selenium   | 77-2  | 217     | 180     | 183     | 193     | 10.49  | cps   |
| Selenium   | 78-2  | 706     | 639     | 641     | 662     | 5.74   | cps   |
| Selenium   | 82-1  | 4266    | 4333    | 4203    | 4267    | 1.52   | cps   |
| Silicon    | 28-1  | 459181  | 452581  | 456276  | 456013  | 0.73   | cps   |
| Silver     | 109-1 | 331358  | 320725  | 329258  | 327114  | 1.72   | cps   |
| Silver     | 107-1 | 345659  | 340666  | 347070  | 344465  | 0.98   | cps   |
| Sodium     | 23-2  | 1137849 | 1160419 | 1176612 | 1158293 | 1.68   | cps   |
| Strontium  | 86-1  | 92681   | 92883   | 93445   | 93003   | 0.43   | cps   |
| Strontium  | 88-1  | 814153  | 806466  | 821862  | 814160  | 0.95   | cps   |
| Sulfur     | 34-1  | 275053  | 275546  | 271479  | 274026  | 0.81   | cps   |
| Terbium    | 159-1 | 8309198 | 8471543 | 8391189 | 8390643 | 0.97   | cps   |
| Terbium    | 159-2 | 4498899 | 4593507 | 4460600 | 4517669 | 1.51   | cps   |
| Thallium   | 203-1 | 265970  | 261932  | 259738  | 262547  | 1.20   | cps   |
| Thallium   | 205-1 | 620009  | 614257  | 622601  | 618956  | 0.69   | cps   |
| Tin        | 118-1 | 223468  | 221324  | 219868  | 221553  | 0.82   | cps   |
| Titanium   | 47-1  | 201861  | 200579  | 199522  | 200654  | 0.58   | cps   |
| Uranium    | 238-1 | 863650  | 857002  | 873847  | 864833  | 0.98   | cps   |
| Vanadium   | 51-2  | 67433   | 67165   | 68040   | 67546   | 0.66   | cps   |
| Yttrium    | 89-1  | 7210790 | 7321012 | 7244618 | 7258807 | 0.78   | cps   |
| Yttrium    | 89-2  | 1047027 | 1048849 | 1029209 | 1041695 | 1.04   | cps   |
| Zinc       | 66-2  | 25048   | 25022   | 25596   | 25222   | 1.29   | cps   |
| Zirconium  | 90-1  | 489278  | 481459  | 487757  | 486165  | 0.85   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | S3                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S3                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-06-19 16:39:37 | DataFile Name :   | 008CALS.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 108038 | 106745 | 111381 | 108722  | 2.20   | cps   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB96130             | Operator :        | Jaswal     |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S4                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-06-19 16:43:30 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 140529  | 138738  | 137309  | 138859  | 1.16   | cps   |
| Antimony   | 121-1 | 759702  | 750556  | 744255  | 751504  | 1.03   | cps   |
| Arsenic    | 75-2  | 23556   | 23482   | 23844   | 23627   | 0.81   | cps   |
| Barium     | 135-1 | 938565  | 927661  | 929482  | 931903  | 0.63   | cps   |
| Barium     | 137-1 | 1632261 | 1623489 | 1605615 | 1620455 | 0.84   | cps   |
| Beryllium  | 9-1   | 139047  | 138343  | 138061  | 138484  | 0.37   | cps   |
| Bismuth    | 209-1 | 5365611 | 5408434 | 5348050 | 5374032 | 0.58   | cps   |
| Bismuth    | 209-2 | 3693295 | 3690538 | 3683724 | 3689186 | 0.13   | cps   |
| Boron      | 10-1  | 13899   | 13106   | 13982   | 13662   | 3.54   | cps   |
| Boron      | 11-1  | 62865   | 63551   | 64388   | 63601   | 1.20   | cps   |
| Cadmium    | 111-1 | 175409  | 172284  | 172700  | 173464  | 0.98   | cps   |
| Cadmium    | 106-1 | 20549   | 20399   | 20833   | 20594   | 1.07   | cps   |
| Cadmium    | 108-1 | 12844   | 12864   | 12818   | 12842   | 0.18   | cps   |
| Calcium    | 43-1  | 231942  | 233988  | 229352  | 231761  | 1.00   | cps   |
| Calcium    | 44-1  | 3840277 | 3795054 | 3760689 | 3798673 | 1.05   | cps   |
| Chromium   | 52-2  | 210239  | 207644  | 208238  | 208707  | 0.65   | cps   |
| Cobalt     | 59-2  | 340827  | 337986  | 333627  | 337480  | 1.07   | cps   |
| Copper     | 63-2  | 480555  | 476283  | 475296  | 477378  | 0.59   | cps   |
| Dysprosium | 156-1 | 8       | 42      | 25      | 25      | 66.68  | cps   |
| Dysprosium | 156-2 | 20      | 17      | 30      | 22      | 31.22  | cps   |
| Erbium     | 164-1 | 17      | 17      | 25      | 19      | 24.73  | cps   |
| Erbium     | 164-2 | 20      | 23      | 20      | 21      | 9.11   | cps   |
| Gadolinium | 160-1 | 42      | 42      | 42      | 42      | 0.00   | cps   |
| Gadolinium | 160-2 | 117     | 100     | 140     | 119     | 16.90  | cps   |
| Holmium    | 165-1 | 8396109 | 8434315 | 8335751 | 8388725 | 0.59   | cps   |
| Holmium    | 165-2 | 4882944 | 4928966 | 4870143 | 4894017 | 0.63   | cps   |
| Indium     | 115-1 | 6832994 | 6815320 | 6705568 | 6784627 | 1.02   | cps   |
| Indium     | 115-2 | 1483054 | 1484598 | 1477521 | 1481724 | 0.25   | cps   |
| Iron       | 56-2  | 8826579 | 8724256 | 8645090 | 8731975 | 1.04   | cps   |
| Iron       | 57-2  | 220677  | 216434  | 215425  | 217512  | 1.28   | cps   |
| Lead       | 206-1 | 556095  | 556217  | 555267  | 555860  | 0.09   | cps   |
| Lead       | 207-1 | 512824  | 506565  | 502972  | 507454  | 0.98   | cps   |
| Lead       | 208-1 | 2278927 | 2261628 | 2254037 | 2264864 | 0.56   | cps   |
| Lithium    | 6-1   | 1788550 | 1794144 | 1785228 | 1789308 | 0.25   | cps   |
| Magnesium  | 24-2  | 1620968 | 1614991 | 1604518 | 1613492 | 0.52   | cps   |
| Manganese  | 55-2  | 248695  | 244199  | 241708  | 244867  | 1.45   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB96130             | Operator :        | Jaswal     |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S4                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-06-19 16:43:30 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 1492464 | 1483341 | 1488147 | 1487984 | 0.31   | cps   |
| Molybdenum | 95-1  | 1821418 | 1818024 | 1811988 | 1817143 | 0.26   | cps   |
| Molybdenum | 96-1  | 2024827 | 2013297 | 2001613 | 2013245 | 0.58   | cps   |
| Molybdenum | 97-1  | 1138759 | 1133149 | 1116820 | 1129576 | 1.01   | cps   |
| Molybdenum | 98-1  | 2933618 | 2921612 | 2874383 | 2909871 | 1.08   | cps   |
| Neodymium  | 150-1 | 107     | 80      | 47      | 78      | 38.65  | cps   |
| Neodymium  | 150-2 | 23      | 10      | 13      | 16      | 44.60  | cps   |
| Nickel     | 60-2  | 88803   | 87928   | 86607   | 87779   | 1.26   | cps   |
| Phosphorus | 31-2  | 7327    | 7502    | 7419    | 7416    | 1.18   | cps   |
| Potassium  | 39-2  | 846812  | 835346  | 832097  | 838085  | 0.92   | cps   |
| Rhodium    | 103-1 | 6125771 | 6145558 | 6216446 | 6162591 | 0.77   | cps   |
| Rhodium    | 103-2 | 2975955 | 3003700 | 2978976 | 2986210 | 0.51   | cps   |
| Scandium   | 45-1  | 4486496 | 4491452 | 4433407 | 4470451 | 0.72   | cps   |
| Scandium   | 45-2  | 190348  | 189893  | 188209  | 189483  | 0.59   | cps   |
| Selenium   | 77-2  | 403     | 543     | 593     | 513     | 19.19  | cps   |
| Selenium   | 78-2  | 1691    | 1789    | 1665    | 1715    | 3.82   | cps   |
| Selenium   | 82-1  | 11150   | 10935   | 10980   | 11021   | 1.03   | cps   |
| Silicon    | 28-1  | 735562  | 728373  | 724343  | 729426  | 0.78   | cps   |
| Silver     | 109-1 | 841507  | 832376  | 833880  | 835921  | 0.59   | cps   |
| Silver     | 107-1 | 873753  | 865831  | 871513  | 870366  | 0.47   | cps   |
| Sodium     | 23-2  | 3114392 | 3070377 | 3067210 | 3083993 | 0.86   | cps   |
| Strontium  | 86-1  | 234924  | 237252  | 238498  | 236891  | 0.77   | cps   |
| Strontium  | 88-1  | 2092812 | 2069666 | 2072125 | 2078201 | 0.61   | cps   |
| Sulfur     | 34-1  | 303637  | 303294  | 297955  | 301629  | 1.06   | cps   |
| Terbium    | 159-1 | 8753428 | 8774763 | 8638394 | 8722195 | 0.84   | cps   |
| Terbium    | 159-2 | 4803217 | 4847240 | 4831266 | 4827241 | 0.46   | cps   |
| Thallium   | 203-1 | 696069  | 699821  | 700448  | 698779  | 0.34   | cps   |
| Thallium   | 205-1 | 1639996 | 1628747 | 1634591 | 1634445 | 0.34   | cps   |
| Tin        | 118-1 | 562087  | 558022  | 557424  | 559178  | 0.45   | cps   |
| Titanium   | 47-1  | 515026  | 510306  | 506124  | 510485  | 0.87   | cps   |
| Uranium    | 238-1 | 2328623 | 2309071 | 2316559 | 2318084 | 0.43   | cps   |
| Vanadium   | 51-2  | 178525  | 176416  | 178077  | 177673  | 0.63   | cps   |
| Yttrium    | 89-1  | 7400967 | 7431308 | 7326009 | 7386095 | 0.73   | cps   |
| Yttrium    | 89-2  | 1099822 | 1101887 | 1095915 | 1099208 | 0.28   | cps   |
| Zinc       | 66-2  | 67110   | 65395   | 65466   | 65990   | 1.47   | cps   |
| Zirconium  | 90-1  | 1242488 | 1236072 | 1238697 | 1239085 | 0.26   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | S4                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S4                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-06-19 16:43:30 | DataFile Name :   | 009CALS.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 278151 | 278642 | 273092 | 276628  | 1.11   | cps   |

LB Number : LB96130 Operator : Jaswal  
 Lab Sample ID : S5 Instrumnet Name : P7  
 Client Sample ID : S5 Dilution Factor : 1  
 Date & Time Acquired :: 2018-06-19 16:47:20 DataFile Name : 010CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 274840   | 273114   | 269977   | 272644   | 0.90   | cps   |
| Antimony   | 121-1 | 1511500  | 1511825  | 1500593  | 1507973  | 0.42   | cps   |
| Arsenic    | 75-2  | 46859    | 46424    | 46734    | 46672    | 0.48   | cps   |
| Barium     | 135-1 | 1874265  | 1886473  | 1864606  | 1875115  | 0.58   | cps   |
| Barium     | 137-1 | 3262294  | 3274205  | 3250765  | 3262421  | 0.36   | cps   |
| Beryllium  | 9-1   | 276588   | 275107   | 273794   | 275163   | 0.51   | cps   |
| Bismuth    | 209-1 | 4878299  | 5007001  | 4923723  | 4936341  | 1.32   | cps   |
| Bismuth    | 209-2 | 3322264  | 3375493  | 3362350  | 3353369  | 0.83   | cps   |
| Boron      | 10-1  | 26407    | 28202    | 26507    | 27039    | 3.73   | cps   |
| Boron      | 11-1  | 125180   | 130182   | 129879   | 128414   | 2.18   | cps   |
| Cadmium    | 111-1 | 343757   | 340006   | 339411   | 341058   | 0.69   | cps   |
| Cadmium    | 106-1 | 38545    | 38478    | 37567    | 38197    | 1.43   | cps   |
| Cadmium    | 108-1 | 25423    | 25198    | 24889    | 25170    | 1.07   | cps   |
| Calcium    | 43-1  | 462011   | 456601   | 449733   | 456115   | 1.35   | cps   |
| Calcium    | 44-1  | 7473869  | 7414919  | 7326129  | 7404972  | 1.00   | cps   |
| Chromium   | 52-2  | 413209   | 410948   | 410197   | 411452   | 0.38   | cps   |
| Cobalt     | 59-2  | 661989   | 654881   | 653836   | 656902   | 0.68   | cps   |
| Copper     | 63-2  | 935091   | 921492   | 920739   | 925774   | 0.87   | cps   |
| Dysprosium | 156-1 | 75       | 33       | 33       | 47       | 50.95  | cps   |
| Dysprosium | 156-2 | 40       | 47       | 37       | 41       | 12.39  | cps   |
| Erbium     | 164-1 | 33       | 17       | 25       | 25       | 33.32  | cps   |
| Erbium     | 164-2 | 23       | 10       | 10       | 14       | 53.28  | cps   |
| Gadolinium | 160-1 | 67       | 25       | 33       | 42       | 52.92  | cps   |
| Gadolinium | 160-2 | 93       | 103      | 107      | 101      | 6.86   | cps   |
| Holmium    | 165-1 | 7620311  | 7777613  | 7640175  | 7679366  | 1.12   | cps   |
| Holmium    | 165-2 | 4456907  | 4502233  | 4491832  | 4483657  | 0.53   | cps   |
| Indium     | 115-1 | 6190706  | 6323923  | 6190841  | 6235156  | 1.23   | cps   |
| Indium     | 115-2 | 1322541  | 1337489  | 1336691  | 1332240  | 0.63   | cps   |
| Iron       | 56-2  | 17353809 | 17155447 | 17040431 | 17183229 | 0.92   | cps   |
| Iron       | 57-2  | 431163   | 423123   | 422881   | 425722   | 1.11   | cps   |
| Lead       | 206-1 | 1146891  | 1149875  | 1139086  | 1145284  | 0.49   | cps   |
| Lead       | 207-1 | 1037073  | 1043989  | 1037210  | 1039424  | 0.38   | cps   |
| Lead       | 208-1 | 4645710  | 4659095  | 4634721  | 4646509  | 0.26   | cps   |
| Lithium    | 6-1   | 1609563  | 1649903  | 1612918  | 1624128  | 1.38   | cps   |
| Magnesium  | 24-2  | 3220981  | 3201220  | 3197433  | 3206545  | 0.39   | cps   |
| Manganese  | 55-2  | 485370   | 476952   | 478696   | 480339   | 0.93   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB96130             | Operator :        | Jaswal     |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S5                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-06-19 16:47:20 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 2979764 | 2967470 | 2923930 | 2957054 | 0.99   | cps   |
| Molybdenum | 95-1  | 3658312 | 3646843 | 3602075 | 3635743 | 0.82   | cps   |
| Molybdenum | 96-1  | 4025955 | 4015999 | 3986894 | 4009616 | 0.51   | cps   |
| Molybdenum | 97-1  | 2258404 | 2253520 | 2227184 | 2246369 | 0.75   | cps   |
| Molybdenum | 98-1  | 5898515 | 5872413 | 5858206 | 5876378 | 0.35   | cps   |
| Neodymium  | 150-1 | 140     | 147     | 47      | 111     | 50.32  | cps   |
| Neodymium  | 150-2 | 20      | 13      | 13      | 16      | 24.76  | cps   |
| Nickel     | 60-2  | 172659  | 172274  | 169725  | 171553  | 0.93   | cps   |
| Phosphorus | 31-2  | 13974   | 13648   | 13965   | 13863   | 1.34   | cps   |
| Potassium  | 39-2  | 1634221 | 1620949 | 1618221 | 1624463 | 0.53   | cps   |
| Rhodium    | 103-1 | 5520719 | 5660827 | 5530595 | 5570714 | 1.40   | cps   |
| Rhodium    | 103-2 | 2656441 | 2694664 | 2677632 | 2676246 | 0.72   | cps   |
| Scandium   | 45-1  | 3936878 | 4031874 | 3934806 | 3967853 | 1.40   | cps   |
| Scandium   | 45-2  | 168996  | 171843  | 172009  | 170949  | 0.99   | cps   |
| Selenium   | 77-2  | 873     | 983     | 1023    | 960     | 8.09   | cps   |
| Selenium   | 78-2  | 3349    | 3480    | 3245    | 3358    | 3.51   | cps   |
| Selenium   | 82-1  | 21293   | 21461   | 21221   | 21325   | 0.58   | cps   |
| Silicon    | 28-1  | 1169771 | 1171631 | 1164673 | 1168692 | 0.31   | cps   |
| Silver     | 109-1 | 1656065 | 1654980 | 1634067 | 1648371 | 0.75   | cps   |
| Silver     | 107-1 | 1714887 | 1717141 | 1708945 | 1713658 | 0.25   | cps   |
| Sodium     | 23-2  | 6059231 | 6009705 | 6024383 | 6031106 | 0.42   | cps   |
| Strontium  | 86-1  | 469114  | 468808  | 464597  | 467506  | 0.54   | cps   |
| Strontium  | 88-1  | 4144964 | 4159115 | 4116170 | 4140083 | 0.53   | cps   |
| Sulfur     | 34-1  | 358032  | 357232  | 352970  | 356078  | 0.76   | cps   |
| Terbium    | 159-1 | 7893785 | 8105444 | 7931516 | 7976915 | 1.42   | cps   |
| Terbium    | 159-2 | 4401263 | 4451885 | 4439821 | 4430990 | 0.60   | cps   |
| Thallium   | 203-1 | 1427529 | 1430774 | 1429540 | 1429281 | 0.11   | cps   |
| Thallium   | 205-1 | 3394438 | 3403381 | 3396760 | 3398193 | 0.14   | cps   |
| Tin        | 118-1 | 1124349 | 1115072 | 1119043 | 1119488 | 0.42   | cps   |
| Titanium   | 47-1  | 1007343 | 1007442 | 997605  | 1004130 | 0.56   | cps   |
| Uranium    | 238-1 | 4868452 | 4910817 | 4870943 | 4883404 | 0.49   | cps   |
| Vanadium   | 51-2  | 347401  | 347249  | 347284  | 347311  | 0.02   | cps   |
| Yttrium    | 89-1  | 6549809 | 6744545 | 6566643 | 6620332 | 1.63   | cps   |
| Yttrium    | 89-2  | 983872  | 990702  | 987743  | 987439  | 0.35   | cps   |
| Zinc       | 66-2  | 128499  | 128869  | 126562  | 127977  | 0.97   | cps   |
| Zirconium  | 90-1  | 2484046 | 2489041 | 2454655 | 2475914 | 0.75   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | S5                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S5                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-06-19 16:47:20 | DataFile Name :   | 010CALS.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 551270 | 552298 | 548769 | 550779  | 0.33   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB96130             | Operator :        | Jaswal     |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S6                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-06-19 16:51:07 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 524290   | 521116   | 523253   | 522887   | 0.31   | cps   |
| Antimony   | 121-1 | 3015188  | 2990490  | 2962221  | 2989300  | 0.89   | cps   |
| Arsenic    | 75-2  | 89879    | 89421    | 89098    | 89466    | 0.44   | cps   |
| Barium     | 135-1 | 3774658  | 3730038  | 3703035  | 3735910  | 0.97   | cps   |
| Barium     | 137-1 | 6379320  | 6312066  | 6319658  | 6337015  | 0.58   | cps   |
| Beryllium  | 9-1   | 543981   | 539753   | 533901   | 539212   | 0.94   | cps   |
| Bismuth    | 209-1 | 4901798  | 4985757  | 4987563  | 4958373  | 0.99   | cps   |
| Bismuth    | 209-2 | 3273788  | 3311178  | 3335504  | 3306823  | 0.94   | cps   |
| Boron      | 10-1  | 54172    | 55394    | 54232    | 54599    | 1.26   | cps   |
| Boron      | 11-1  | 252067   | 256371   | 257345   | 255261   | 1.10   | cps   |
| Cadmium    | 111-1 | 668008   | 662888   | 657125   | 662674   | 0.82   | cps   |
| Cadmium    | 106-1 | 74270    | 72528    | 73147    | 73315    | 1.20   | cps   |
| Cadmium    | 108-1 | 49603    | 48980    | 49056    | 49213    | 0.69   | cps   |
| Calcium    | 43-1  | 890075   | 889736   | 876123   | 885311   | 0.90   | cps   |
| Calcium    | 44-1  | 14423888 | 14404434 | 14214479 | 14347600 | 0.81   | cps   |
| Chromium   | 52-2  | 793260   | 796265   | 790169   | 793231   | 0.38   | cps   |
| Cobalt     | 59-2  | 1272962  | 1255814  | 1258418  | 1262398  | 0.73   | cps   |
| Copper     | 63-2  | 1772908  | 1771360  | 1784828  | 1776366  | 0.41   | cps   |
| Dysprosium | 156-1 | 42       | 50       | 58       | 50       | 16.67  | cps   |
| Dysprosium | 156-2 | 53       | 57       | 50       | 53       | 6.25   | cps   |
| Erbium     | 164-1 | 17       | 67       | 58       | 47       | 56.72  | cps   |
| Erbium     | 164-2 | 40       | 20       | 30       | 30       | 33.33  | cps   |
| Gadolinium | 160-1 | 33       | 67       | 67       | 56       | 34.65  | cps   |
| Gadolinium | 160-2 | 140      | 140      | 100      | 127      | 18.23  | cps   |
| Holmium    | 165-1 | 7520085  | 7736384  | 7757955  | 7671474  | 1.71   | cps   |
| Holmium    | 165-2 | 4415093  | 4428813  | 4479555  | 4441154  | 0.76   | cps   |
| Indium     | 115-1 | 5968936  | 6108780  | 6134823  | 6070846  | 1.47   | cps   |
| Indium     | 115-2 | 1298182  | 1298775  | 1307758  | 1301572  | 0.41   | cps   |
| Iron       | 56-2  | 33184531 | 32894490 | 33183855 | 33087625 | 0.51   | cps   |
| Iron       | 57-2  | 823004   | 816850   | 822398   | 820751   | 0.41   | cps   |
| Lead       | 206-1 | 2308620  | 2295548  | 2295264  | 2299811  | 0.33   | cps   |
| Lead       | 207-1 | 2111690  | 2087931  | 2087744  | 2095788  | 0.66   | cps   |
| Lead       | 208-1 | 9485298  | 9415285  | 9378690  | 9426424  | 0.57   | cps   |
| Lithium    | 6-1   | 1579756  | 1615676  | 1600934  | 1598789  | 1.13   | cps   |
| Magnesium  | 24-2  | 6106804  | 6134354  | 6136424  | 6125861  | 0.27   | cps   |
| Manganese  | 55-2  | 931391   | 931557   | 930660   | 931203   | 0.05   | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB96130             | Operator :        | Jaswal     |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P7         |
| Client Sample ID :      | S6                  | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-06-19 16:51:07 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 5740499  | 5695089  | 5802559  | 5746049  | 0.94   | cps   |
| Molybdenum | 95-1  | 7068601  | 6991386  | 6933878  | 6997955  | 0.97   | cps   |
| Molybdenum | 96-1  | 7818041  | 7705104  | 7656183  | 7726443  | 1.07   | cps   |
| Molybdenum | 97-1  | 4447846  | 4420080  | 4376995  | 4414973  | 0.81   | cps   |
| Molybdenum | 98-1  | 11234582 | 11218597 | 11131468 | 11194882 | 0.50   | cps   |
| Neodymium  | 150-1 | 260      | 340      | 273      | 291      | 14.72  | cps   |
| Neodymium  | 150-2 | 37       | 33       | 43       | 38       | 13.48  | cps   |
| Nickel     | 60-2  | 324186   | 326277   | 328465   | 326309   | 0.66   | cps   |
| Phosphorus | 31-2  | 26942    | 27543    | 27184    | 27223    | 1.11   | cps   |
| Potassium  | 39-2  | 3101295  | 3114102  | 3136597  | 3117331  | 0.57   | cps   |
| Rhodium    | 103-1 | 5251809  | 5390562  | 5373343  | 5338571  | 1.42   | cps   |
| Rhodium    | 103-2 | 2599729  | 2609052  | 2628304  | 2612362  | 0.56   | cps   |
| Scandium   | 45-1  | 3788116  | 3878403  | 3854942  | 3840487  | 1.22   | cps   |
| Scandium   | 45-2  | 166075   | 166392   | 170421   | 167629   | 1.45   | cps   |
| Selenium   | 77-2  | 1783     | 1750     | 1903     | 1812     | 4.45   | cps   |
| Selenium   | 78-2  | 6229     | 6290     | 6453     | 6324     | 1.83   | cps   |
| Selenium   | 82-1  | 41953    | 41351    | 41208    | 41504    | 0.95   | cps   |
| Silicon    | 28-1  | 2046729  | 2037769  | 2026401  | 2036966  | 0.50   | cps   |
| Silver     | 109-1 | 3245661  | 3207886  | 3202325  | 3218624  | 0.73   | cps   |
| Silver     | 107-1 | 3361753  | 3349985  | 3313384  | 3341708  | 0.75   | cps   |
| Sodium     | 23-2  | 11636799 | 11650429 | 11660337 | 11649188 | 0.10   | cps   |
| Strontium  | 86-1  | 923885   | 921619   | 909434   | 918313   | 0.85   | cps   |
| Strontium  | 88-1  | 8092112  | 8022118  | 7971431  | 8028553  | 0.75   | cps   |
| Sulfur     | 34-1  | 465588   | 453924   | 452985   | 457499   | 1.53   | cps   |
| Terbium    | 159-1 | 7826083  | 8003033  | 7964598  | 7931238  | 1.17   | cps   |
| Terbium    | 159-2 | 4359596  | 4378660  | 4413610  | 4383955  | 0.62   | cps   |
| Thallium   | 203-1 | 2890654  | 2905048  | 2890560  | 2895421  | 0.29   | cps   |
| Thallium   | 205-1 | 6975200  | 7017115  | 6974254  | 6988857  | 0.35   | cps   |
| Tin        | 118-1 | 2243889  | 2221121  | 2207728  | 2224246  | 0.82   | cps   |
| Titanium   | 47-1  | 1966429  | 1959960  | 1934807  | 1953732  | 0.86   | cps   |
| Uranium    | 238-1 | 9831536  | 9762971  | 9683248  | 9759252  | 0.76   | cps   |
| Vanadium   | 51-2  | 669748   | 669892   | 675888   | 671843   | 0.52   | cps   |
| Yttrium    | 89-1  | 6394591  | 6509583  | 6502814  | 6468996  | 1.00   | cps   |
| Yttrium    | 89-2  | 959972   | 973784   | 981290   | 971682   | 1.11   | cps   |
| Zinc       | 66-2  | 248261   | 243561   | 246244   | 246022   | 0.96   | cps   |
| Zirconium  | 90-1  | 4948642  | 4902219  | 4861130  | 4903997  | 0.89   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | S6                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S6                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-06-19 16:51:07 | DataFile Name :   | 011CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1092600 | 1073680 | 1069730 | 1078670 | 1.13   | cps   |

LB Number : LB96130 Operator : Jaswal  
 Lab Sample ID : S7 Instrumnet Name : P7  
 Client Sample ID : S7 Dilution Factor : 1  
 Date & Time Acquired :: 2018-06-19 16:54:53 DataFile Name : 012CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1067643  | 1052942  | 1058785  | 1059790  | 0.70   | cps   |
| Antimony   | 121-1 | 6063612  | 6027613  | 5984742  | 6025322  | 0.66   | cps   |
| Arsenic    | 75-2  | 181963   | 180852   | 181485   | 181433   | 0.31   | cps   |
| Barium     | 135-1 | 7410726  | 7287686  | 7300079  | 7332830  | 0.92   | cps   |
| Barium     | 137-1 | 12891548 | 12705894 | 12598048 | 12731830 | 1.17   | cps   |
| Beryllium  | 9-1   | 1062217  | 1053369  | 1038202  | 1051262  | 1.16   | cps   |
| Bismuth    | 209-1 | 4064821  | 4680146  | 4727446  | 4490805  | 8.23   | cps   |
| Bismuth    | 209-2 | 3184795  | 3186887  | 3207830  | 3193171  | 0.40   | cps   |
| Boron      | 10-1  | 107672   | 109552   | 110191   | 109138   | 1.20   | cps   |
| Boron      | 11-1  | 495200   | 517302   | 516368   | 509623   | 2.45   | cps   |
| Cadmium    | 111-1 | 1321475  | 1307104  | 1299759  | 1309446  | 0.84   | cps   |
| Cadmium    | 106-1 | 145557   | 139951   | 139984   | 141831   | 2.28   | cps   |
| Cadmium    | 108-1 | 97901    | 96471    | 95242    | 96538    | 1.38   | cps   |
| Calcium    | 43-1  | 1788208  | 1752365  | 1750710  | 1763761  | 1.20   | cps   |
| Calcium    | 44-1  | 29090318 | 28713970 | 28404264 | 28736184 | 1.20   | cps   |
| Chromium   | 52-2  | 1612713  | 1582551  | 1613952  | 1603072  | 1.11   | cps   |
| Cobalt     | 59-2  | 2563943  | 2539041  | 2537879  | 2546954  | 0.58   | cps   |
| Copper     | 63-2  | 3564263  | 3532434  | 3546018  | 3547572  | 0.45   | cps   |
| Dysprosium | 156-1 | 142      | 158      | 158      | 153      | 6.30   | cps   |
| Dysprosium | 156-2 | 127      | 133      | 147      | 136      | 7.51   | cps   |
| Erbium     | 164-1 | 50       | 50       | 92       | 64       | 37.66  | cps   |
| Erbium     | 164-2 | 40       | 63       | 23       | 42       | 47.60  | cps   |
| Gadolinium | 160-1 | 50       | 150      | 100      | 100      | 50.00  | cps   |
| Gadolinium | 160-2 | 110      | 113      | 157      | 127      | 20.55  | cps   |
| Holmium    | 165-1 | 6469242  | 7371364  | 7518491  | 7119699  | 7.98   | cps   |
| Holmium    | 165-2 | 4380470  | 4381151  | 4396082  | 4385901  | 0.20   | cps   |
| Indium     | 115-1 | 4971129  | 5726904  | 5778771  | 5492268  | 8.23   | cps   |
| Indium     | 115-2 | 1248010  | 1256535  | 1258550  | 1254365  | 0.45   | cps   |
| Iron       | 56-2  | 67738217 | 66167493 | 66670804 | 66858838 | 1.20   | cps   |
| Iron       | 57-2  | 1668104  | 1651069  | 1652567  | 1657247  | 0.57   | cps   |
| Lead       | 206-1 | 4678691  | 4600885  | 4560589  | 4613388  | 1.30   | cps   |
| Lead       | 207-1 | 4254515  | 4197450  | 4170515  | 4207493  | 1.02   | cps   |
| Lead       | 208-1 | 18888848 | 18620006 | 18546671 | 18685175 | 0.96   | cps   |
| Lithium    | 6-1   | 1358519  | 1530174  | 1534394  | 1474362  | 6.81   | cps   |
| Magnesium  | 24-2  | 12481016 | 12215368 | 12362523 | 12352969 | 1.08   | cps   |
| Manganese  | 55-2  | 1892240  | 1872402  | 1893629  | 1886090  | 0.63   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S7                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-06-19 16:54:53 | DataFile Name :   | 012CALS.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 11516352 | 11406598 | 11289154 | 11404035 | 1.00   | cps   |
| Molybdenum | 95-1  | 14107084 | 13987275 | 13859145 | 13984501 | 0.89   | cps   |
| Molybdenum | 96-1  | 15507301 | 15498824 | 15296291 | 15434139 | 0.77   | cps   |
| Molybdenum | 97-1  | 8749657  | 8668177  | 8614064  | 8677299  | 0.79   | cps   |
| Molybdenum | 98-1  | 22712337 | 22393340 | 22300783 | 22468820 | 0.96   | cps   |
| Neodymium  | 150-1 | 547      | 653      | 593      | 598      | 8.94   | cps   |
| Neodymium  | 150-2 | 123      | 110      | 147      | 127      | 14.65  | cps   |
| Nickel     | 60-2  | 658205   | 645496   | 649158   | 650953   | 1.00   | cps   |
| Phosphorus | 31-2  | 53999    | 53221    | 53463    | 53561    | 0.74   | cps   |
| Potassium  | 39-2  | 6221224  | 6129498  | 6192148  | 6180957  | 0.76   | cps   |
| Rhodium    | 103-1 | 4383050  | 5029096  | 5073841  | 4828662  | 8.01   | cps   |
| Rhodium    | 103-2 | 2514023  | 2523623  | 2534231  | 2523959  | 0.40   | cps   |
| Scandium   | 45-1  | 3193720  | 3664763  | 3701509  | 3519997  | 8.04   | cps   |
| Scandium   | 45-2  | 162638   | 164440   | 166376   | 164485   | 1.14   | cps   |
| Selenium   | 77-2  | 3784     | 3804     | 3674     | 3754     | 1.87   | cps   |
| Selenium   | 78-2  | 12650    | 12719    | 12563    | 12644    | 0.62   | cps   |
| Selenium   | 82-1  | 81474    | 80487    | 79859    | 80607    | 1.01   | cps   |
| Silicon    | 28-1  | 3687284  | 3653904  | 3662972  | 3668053  | 0.47   | cps   |
| Silver     | 109-1 | 6376518  | 6390874  | 6342582  | 6369991  | 0.39   | cps   |
| Silver     | 107-1 | 6564814  | 6463841  | 6451160  | 6493272  | 0.96   | cps   |
| Sodium     | 23-2  | 23595001 | 23165999 | 23506573 | 23422524 | 0.97   | cps   |
| Strontium  | 86-1  | 1860571  | 1831990  | 1809750  | 1834104  | 1.39   | cps   |
| Strontium  | 88-1  | 16130815 | 15966503 | 15809509 | 15968943 | 1.01   | cps   |
| Sulfur     | 34-1  | 700697   | 698721   | 693088   | 697502   | 0.57   | cps   |
| Terbium    | 159-1 | 6691761  | 7649813  | 7790517  | 7377364  | 8.10   | cps   |
| Terbium    | 159-2 | 4309450  | 4317757  | 4347947  | 4325052  | 0.47   | cps   |
| Thallium   | 203-1 | 5926759  | 5817564  | 5833339  | 5859221  | 1.01   | cps   |
| Thallium   | 205-1 | 13478290 | 13350481 | 13332668 | 13387146 | 0.59   | cps   |
| Tin        | 118-1 | 4476752  | 4418368  | 4382894  | 4426005  | 1.07   | cps   |
| Titanium   | 47-1  | 3992997  | 3921559  | 3874817  | 3929791  | 1.51   | cps   |
| Uranium    | 238-1 | 19762118 | 19571960 | 19320589 | 19551556 | 1.13   | cps   |
| Vanadium   | 51-2  | 1366475  | 1359412  | 1362041  | 1362643  | 0.26   | cps   |
| Yttrium    | 89-1  | 5477968  | 6212869  | 6286202  | 5992346  | 7.46   | cps   |
| Yttrium    | 89-2  | 953301   | 953025   | 959452   | 955259   | 0.38   | cps   |
| Zinc       | 66-2  | 495869   | 487198   | 498152   | 493740   | 1.17   | cps   |
| Zirconium  | 90-1  | 9756619  | 9648175  | 9558148  | 9654314  | 1.03   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | S7                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S7                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-06-19 16:54:53 | DataFile Name :   | 012CALS.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 2179063 | 2162118 | 2132307 | 2157829 | 1.10   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S8                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-06-19 16:58:38 | DataFile Name :   | 013CALS.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 5281747   | 5295045   | 5230170   | 5268987   | 0.65   | cps   |
| Antimony   | 121-1 | 7769      | 7611      | 7827      | 7736      | 1.45   | cps   |
| Arsenic    | 75-2  | 120       | 109       | 85        | 105       | 17.14  | cps   |
| Barium     | 135-1 | 3267      | 3359      | 3292      | 3306      | 1.43   | cps   |
| Barium     | 137-1 | 5510      | 5618      | 5543      | 5557      | 1.00   | cps   |
| Beryllium  | 9-1   | 833       | 889       | 794       | 839       | 5.66   | cps   |
| Bismuth    | 209-1 | 4339082   | 4432037   | 4446371   | 4405830   | 1.32   | cps   |
| Bismuth    | 209-2 | 2910053   | 2908457   | 2873278   | 2897263   | 0.72   | cps   |
| Boron      | 10-1  | 7294      | 6577      | 6152      | 6674      | 8.65   | cps   |
| Boron      | 11-1  | 34423     | 31567     | 29121     | 31704     | 8.37   | cps   |
| Cadmium    | 111-1 | 1538      | 1449      | 1550      | 1512      | 3.63   | cps   |
| Cadmium    | 106-1 | 1659      | 1650      | 1750      | 1686      | 3.29   | cps   |
| Cadmium    | 108-1 | 33        | 50        | 42        | 42        | 20.00  | cps   |
| Calcium    | 43-1  | 8845271   | 8817403   | 8966417   | 8876364   | 0.89   | cps   |
| Calcium    | 44-1  | 144357737 | 143717649 | 146351857 | 144809081 | 0.95   | cps   |
| Chromium   | 52-2  | 73140     | 71475     | 70672     | 71762     | 1.75   | cps   |
| Cobalt     | 59-2  | 4768      | 4691      | 4741      | 4733      | 0.82   | cps   |
| Copper     | 63-2  | 8329      | 8012      | 8116      | 8152      | 1.98   | cps   |
| Dysprosium | 156-1 | 58        | 67        | 50        | 58        | 14.29  | cps   |
| Dysprosium | 156-2 | 47        | 27        | 27        | 33        | 34.64  | cps   |
| Erbium     | 164-1 | 25        | 17        | 25        | 22        | 21.64  | cps   |
| Erbium     | 164-2 | 13        | 27        | 23        | 21        | 32.88  | cps   |
| Gadolinium | 160-1 | 75        | 42        | 67        | 61        | 28.38  | cps   |
| Gadolinium | 160-2 | 127       | 117       | 120       | 121       | 4.20   | cps   |
| Holmium    | 165-1 | 7422708   | 7562767   | 7568088   | 7517855   | 1.10   | cps   |
| Holmium    | 165-2 | 4269741   | 4237171   | 4209035   | 4238649   | 0.72   | cps   |
| Indium     | 115-1 | 5692229   | 5789607   | 5821157   | 5767664   | 1.17   | cps   |
| Indium     | 115-2 | 1232106   | 1227119   | 1218992   | 1226072   | 0.54   | cps   |
| Iron       | 56-2  | 320331618 | 318150285 | 316053729 | 318178544 | 0.67   | cps   |
| Iron       | 57-2  | 7878780   | 7863189   | 7761772   | 7834581   | 0.81   | cps   |
| Lead       | 206-1 | 27379     | 27868     | 27435     | 27561     | 0.97   | cps   |
| Lead       | 207-1 | 23332     | 23215     | 23321     | 23289     | 0.28   | cps   |
| Lead       | 208-1 | 108046    | 108519    | 108676    | 108413    | 0.30   | cps   |
| Lithium    | 6-1   | 1489512   | 1524464   | 1534948   | 1516308   | 1.57   | cps   |
| Magnesium  | 24-2  | 61183810  | 61284268  | 60191345  | 60886474  | 0.99   | cps   |
| Manganese  | 55-2  | 9780      | 10047     | 9837      | 9888      | 1.42   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S8                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-06-19 16:58:38 | DataFile Name :   | 013CALS.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Molybdenum | 94-1  | 15025     | 14792     | 15876     | 15231     | 3.75   | cps   |
| Molybdenum | 95-1  | 24071     | 24480     | 25006     | 24519     | 1.91   | cps   |
| Molybdenum | 96-1  | 30275     | 29064     | 29340     | 29559     | 2.15   | cps   |
| Molybdenum | 97-1  | 15943     | 14708     | 15284     | 15312     | 4.03   | cps   |
| Molybdenum | 98-1  | 38938     | 37943     | 38469     | 38450     | 1.29   | cps   |
| Neodymium  | 150-1 | 60        | 93        | 87        | 80        | 22.05  | cps   |
| Neodymium  | 150-2 | 40        | 53        | 33        | 42        | 24.12  | cps   |
| Nickel     | 60-2  | 18415     | 18959     | 17958     | 18444     | 2.72   | cps   |
| Phosphorus | 31-2  | 108       | 133       | 183       | 142       | 26.96  | cps   |
| Potassium  | 39-2  | 30997311  | 30856173  | 30557216  | 30803567  | 0.73   | cps   |
| Rhodium    | 103-1 | 4867422   | 4945577   | 5020349   | 4944449   | 1.55   | cps   |
| Rhodium    | 103-2 | 2373811   | 2356716   | 2357903   | 2362810   | 0.40   | cps   |
| Scandium   | 45-1  | 3775975   | 3848115   | 3889110   | 3837733   | 1.49   | cps   |
| Scandium   | 45-2  | 166308    | 165626    | 163993    | 165309    | 0.72   | cps   |
| Selenium   | 77-2  | 7         | 0         | 7         | 4         | 86.60  | cps   |
| Selenium   | 78-2  | 43        | 41        | 72        | 52        | 34.07  | cps   |
| Selenium   | 82-1  | 100       | 104       | 129       | 111       | 13.96  | cps   |
| Silicon    | 28-1  | 476853    | 481660    | 483767    | 480760    | 0.74   | cps   |
| Silver     | 109-1 | 1158      | 1200      | 1150      | 1170      | 2.29   | cps   |
| Silver     | 107-1 | 1217      | 1175      | 1067      | 1153      | 6.72   | cps   |
| Sodium     | 23-2  | 114407123 | 114107290 | 113150623 | 113888346 | 0.58   | cps   |
| Strontium  | 86-1  | 66153     | 63616     | 63826     | 64532     | 2.18   | cps   |
| Strontium  | 88-1  | 562699    | 556372    | 564206    | 561093    | 0.74   | cps   |
| Sulfur     | 34-1  | 204710    | 208454    | 209232    | 207465    | 1.17   | cps   |
| Terbium    | 159-1 | 7660521   | 7807062   | 7877681   | 7781754   | 1.42   | cps   |
| Terbium    | 159-2 | 4225725   | 4168505   | 4153511   | 4182580   | 0.91   | cps   |
| Thallium   | 203-1 | 3776      | 3492      | 3301      | 3523      | 6.79   | cps   |
| Thallium   | 205-1 | 9170      | 8912      | 8345      | 8809      | 4.79   | cps   |
| Tin        | 118-1 | 12856     | 12623     | 13140     | 12873     | 2.01   | cps   |
| Titanium   | 47-1  | 2742      | 2675      | 2492      | 2636      | 4.91   | cps   |
| Uranium    | 238-1 | 3759      | 4026      | 3784      | 3856      | 3.82   | cps   |
| Vanadium   | 51-2  | 900       | 760       | 827       | 829       | 8.45   | cps   |
| Yttrium    | 89-1  | 6293350   | 6413981   | 6449093   | 6385475   | 1.28   | cps   |
| Yttrium    | 89-2  | 954509    | 943351    | 943254    | 947038    | 0.68   | cps   |
| Zinc       | 66-2  | 2980      | 2857      | 2850      | 2896      | 2.53   | cps   |
| Zirconium  | 90-1  | 4409      | 4051      | 4443      | 4301      | 5.05   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | S8                  | Instrumnet Name : | P7        |
| Client Sample ID :      | S8                  | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-06-19 16:58:38 | DataFile Name :   | 013CALS.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 983  | 867  | 833  | 895     | 8.81   | cps   |

LB Number : LB96130 Operator : Jaswal  
 Lab Sample ID : ICV01 Instrumnet Name : P7  
 Client Sample ID : ICV01 Dilution Factor : 1  
 Date & Time Acquired :: 2018-06-19 17:10:39 DataFile Name : 014ICV01.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 27743   | 27326   | 26458   | 27176   | 2.41   | cps   |
| Antimony   | 121-1 | 1118986 | 1124572 | 1136634 | 1126730 | 0.80   | cps   |
| Arsenic    | 75-2  | 37183   | 36527   | 35025   | 36245   | 3.05   | cps   |
| Barium     | 135-1 | 141429  | 143398  | 143466  | 142764  | 0.81   | cps   |
| Barium     | 137-1 | 243061  | 246573  | 247328  | 245654  | 0.93   | cps   |
| Beryllium  | 9-1   | 101426  | 102370  | 103529  | 102442  | 1.03   | cps   |
| Bismuth    | 209-1 | 4734204 | 4757137 | 4815086 | 4768809 | 0.87   | cps   |
| Bismuth    | 209-2 | 3337978 | 3299685 | 3204031 | 3280564 | 2.10   | cps   |
| Boron      | 10-1  | 1308    | 1592    | 1350    | 1417    | 10.80  | cps   |
| Boron      | 11-1  | 6402    | 6493    | 6060    | 6318    | 3.62   | cps   |
| Cadmium    | 111-1 | 129504  | 131102  | 132000  | 130869  | 0.97   | cps   |
| Cadmium    | 106-1 | 13941   | 13982   | 13974   | 13966   | 0.16   | cps   |
| Cadmium    | 108-1 | 8757    | 8574    | 8515    | 8615    | 1.46   | cps   |
| Calcium    | 43-1  | 35151   | 34700   | 35134   | 34995   | 0.73   | cps   |
| Calcium    | 44-1  | 567258  | 571899  | 580677  | 573278  | 1.19   | cps   |
| Chromium   | 52-2  | 160809  | 156581  | 150630  | 156007  | 3.28   | cps   |
| Cobalt     | 59-2  | 263492  | 259640  | 249929  | 257687  | 2.71   | cps   |
| Copper     | 63-2  | 187528  | 185695  | 177242  | 183488  | 2.99   | cps   |
| Dysprosium | 156-1 | 8       | 0       | 8       | 6       | 86.60  | cps   |
| Dysprosium | 156-2 | 7       | 7       | 13      | 9       | 43.25  | cps   |
| Erbium     | 164-1 | 33      | 58      | 8       | 33      | 75.02  | cps   |
| Erbium     | 164-2 | 37      | 20      | 20      | 26      | 37.66  | cps   |
| Gadolinium | 160-1 | 33      | 25      | 33      | 31      | 15.74  | cps   |
| Gadolinium | 160-2 | 97      | 100     | 87      | 94      | 7.35   | cps   |
| Holmium    | 165-1 | 7333891 | 7362675 | 7449846 | 7382137 | 0.82   | cps   |
| Holmium    | 165-2 | 4418430 | 4368235 | 4229849 | 4338838 | 2.25   | cps   |
| Indium     | 115-1 | 6134380 | 6131379 | 6226639 | 6164133 | 0.88   | cps   |
| Indium     | 115-2 | 1359777 | 1345800 | 1311919 | 1339165 | 1.84   | cps   |
| Iron       | 56-2  | 1362569 | 1328792 | 1279110 | 1323490 | 3.17   | cps   |
| Iron       | 57-2  | 34179   | 33416   | 32314   | 33303   | 2.82   | cps   |
| Lead       | 206-1 | 862350  | 860720  | 866635  | 863235  | 0.35   | cps   |
| Lead       | 207-1 | 759495  | 750978  | 756678  | 755717  | 0.57   | cps   |
| Lead       | 208-1 | 3444574 | 3436445 | 3474453 | 3451824 | 0.58   | cps   |
| Lithium    | 6-1   | 1544542 | 1555979 | 1580109 | 1560210 | 1.16   | cps   |
| Magnesium  | 24-2  | 148067  | 146098  | 140561  | 144909  | 2.69   | cps   |
| Manganese  | 55-2  | 94216   | 91824   | 89296   | 91779   | 2.68   | cps   |



|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB96130             | Operator :        | Jaswal     |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P7         |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-06-19 17:10:39 | DataFile Name :   | 014ICV01.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 333     | 383     | 258     | 325     | 19.36  | cps   |
| Molybdenum | 95-1  | 167     | 133     | 83      | 128     | 32.82  | cps   |
| Molybdenum | 96-1  | 275     | 317     | 292     | 294     | 7.12   | cps   |
| Molybdenum | 97-1  | 58      | 50      | 58      | 56      | 8.67   | cps   |
| Molybdenum | 98-1  | 250     | 217     | 183     | 217     | 15.38  | cps   |
| Neodymium  | 150-1 | 20      | 13      | 0       | 11      | 91.66  | cps   |
| Neodymium  | 150-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 68941   | 67820   | 65794   | 67518   | 2.36   | cps   |
| Phosphorus | 31-2  | 92      | 83      | 92      | 89      | 5.41   | cps   |
| Potassium  | 39-2  | 280149  | 276923  | 263356  | 273476  | 3.26   | cps   |
| Rhodium    | 103-1 | 5518094 | 5570172 | 5664870 | 5584379 | 1.33   | cps   |
| Rhodium    | 103-2 | 2740073 | 2724345 | 2658348 | 2707588 | 1.60   | cps   |
| Scandium   | 45-1  | 3931646 | 3959550 | 4005542 | 3965580 | 0.94   | cps   |
| Scandium   | 45-2  | 175613  | 173989  | 167474  | 172358  | 2.50   | cps   |
| Selenium   | 77-2  | 780     | 767     | 740     | 762     | 2.67   | cps   |
| Selenium   | 78-2  | 2795    | 2674    | 2628    | 2699    | 3.19   | cps   |
| Selenium   | 82-1  | 16993   | 16762   | 17068   | 16941   | 0.94   | cps   |
| Silicon    | 28-1  | 257625  | 261158  | 256853  | 258545  | 0.89   | cps   |
| Silver     | 109-1 | 625266  | 632061  | 639728  | 632352  | 1.14   | cps   |
| Silver     | 107-1 | 652312  | 661144  | 668003  | 660487  | 1.19   | cps   |
| Sodium     | 23-2  | 489506  | 478415  | 459284  | 475735  | 3.21   | cps   |
| Strontium  | 86-1  | 4584    | 4834    | 4751    | 4723    | 2.70   | cps   |
| Strontium  | 88-1  | 38135   | 36806   | 39079   | 38007   | 3.00   | cps   |
| Sulfur     | 34-1  | 223731  | 224584  | 231843  | 226719  | 1.97   | cps   |
| Terbium    | 159-1 | 7598988 | 7673449 | 7804569 | 7692336 | 1.35   | cps   |
| Terbium    | 159-2 | 4367233 | 4300683 | 4197380 | 4288432 | 2.00   | cps   |
| Thallium   | 203-1 | 1092998 | 1079792 | 1092781 | 1088524 | 0.69   | cps   |
| Thallium   | 205-1 | 2585106 | 2572261 | 2607838 | 2588402 | 0.70   | cps   |
| Tin        | 118-1 | 733     | 675     | 708     | 706     | 4.15   | cps   |
| Titanium   | 47-1  | 167     | 183     | 150     | 167     | 10.00  | cps   |
| Uranium    | 238-1 | 117     | 75      | 75      | 89      | 27.07  | cps   |
| Vanadium   | 51-2  | 137588  | 133346  | 129227  | 133387  | 3.13   | cps   |
| Yttrium    | 89-1  | 6516191 | 6563038 | 6701855 | 6593695 | 1.46   | cps   |
| Yttrium    | 89-2  | 1002527 | 1002775 | 966954  | 990752  | 2.08   | cps   |
| Zinc       | 66-2  | 51250   | 50240   | 48651   | 50047   | 2.62   | cps   |
| Zirconium  | 90-1  | 808     | 617     | 558     | 661     | 19.78  | cps   |

|                         |                     |                   |            |
|-------------------------|---------------------|-------------------|------------|
| LB Number :             | LB96130             | Operator :        | Jaswal     |
| Lab Sample ID :         | ICV01               | Instrumnet Name : | P7         |
| Client Sample ID :      | ICV01               | Dilution Factor : | 1          |
| Date & Time Acquired :: | 2018-06-19 17:10:39 | DataFile Name :   | 014ICV01.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 208  | 192  | 242  | 214     | 11.90  | cps   |

LB Number : LB96130 Operator : Jaswal  
 Lab Sample ID : ICB01 Instrumnet Name : P7  
 Client Sample ID : ICB01 Dilution Factor : 1  
 Date & Time Acquired :: 2018-06-19 17:35:50 DataFile Name : 015CCBE.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 42      | 8       | 33      | 28      | 62.46  | cps   |
| Antimony   | 121-1 | 192     | 158     | 200     | 183     | 12.03  | cps   |
| Arsenic    | 75-2  | 4       | 9       | 0       | 4       | 107.89 | cps   |
| Barium     | 135-1 | 50      | 125     | 100     | 92      | 41.66  | cps   |
| Barium     | 137-1 | 117     | 133     | 100     | 117     | 14.29  | cps   |
| Beryllium  | 9-1   | 156     | 144     | 117     | 139     | 14.42  | cps   |
| Bismuth    | 209-1 | 4169903 | 4187675 | 4241525 | 4199701 | 0.89   | cps   |
| Bismuth    | 209-2 | 2991817 | 2994175 | 3098869 | 3028287 | 2.02   | cps   |
| Boron      | 10-1  | 525     | 525     | 483     | 511     | 4.71   | cps   |
| Boron      | 11-1  | 2275    | 2192    | 2125    | 2197    | 3.42   | cps   |
| Cadmium    | 111-1 | 1145    | 958     | 1130    | 1078    | 9.64   | cps   |
| Cadmium    | 106-1 | 1634    | 1367    | 1617    | 1539    | 9.71   | cps   |
| Cadmium    | 108-1 | 4       | 4       | 8       | 6       | 43.22  | cps   |
| Calcium    | 43-1  | 83      | 58      | 108     | 83      | 30.00  | cps   |
| Calcium    | 44-1  | 4067    | 3642    | 4076    | 3928    | 6.31   | cps   |
| Chromium   | 52-2  | 137     | 180     | 193     | 170     | 17.43  | cps   |
| Cobalt     | 59-2  | 130     | 113     | 130     | 124     | 7.73   | cps   |
| Copper     | 63-2  | 377     | 410     | 343     | 377     | 8.85   | cps   |
| Dysprosium | 156-1 | 17      | 8       | 0       | 8       | 100.02 | cps   |
| Dysprosium | 156-2 | 10      | 3       | 0       | 4       | 114.60 | cps   |
| Erbium     | 164-1 | 17      | 25      | 33      | 25      | 33.34  | cps   |
| Erbium     | 164-2 | 20      | 10      | 10      | 13      | 43.30  | cps   |
| Gadolinium | 160-1 | 50      | 0       | 25      | 25      | 100.00 | cps   |
| Gadolinium | 160-2 | 100     | 63      | 93      | 86      | 22.83  | cps   |
| Holmium    | 165-1 | 6565671 | 6636824 | 6680703 | 6627732 | 0.88   | cps   |
| Holmium    | 165-2 | 3906600 | 3918717 | 4075838 | 3967052 | 2.38   | cps   |
| Indium     | 115-1 | 5565319 | 5603696 | 5660161 | 5609725 | 0.85   | cps   |
| Indium     | 115-2 | 1230014 | 1229730 | 1272797 | 1244180 | 1.99   | cps   |
| Iron       | 56-2  | 3801    | 3834    | 3734    | 3789    | 1.34   | cps   |
| Iron       | 57-2  | 294     | 444     | 333     | 357     | 21.78  | cps   |
| Lead       | 206-1 | 256     | 244     | 278     | 259     | 6.55   | cps   |
| Lead       | 207-1 | 244     | 156     | 217     | 206     | 22.12  | cps   |
| Lead       | 208-1 | 1122    | 839     | 1017    | 993     | 14.43  | cps   |
| Lithium    | 6-1   | 1408930 | 1427159 | 1431999 | 1422696 | 0.86   | cps   |
| Magnesium  | 24-2  | 958     | 867     | 908     | 911     | 5.04   | cps   |
| Manganese  | 55-2  | 67      | 67      | 67      | 67      | 0.00   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-06-19 17:35:50 | DataFile Name :   | 015CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 200     | 125     | 258     | 194     | 34.37  | cps   |
| Molybdenum | 95-1  | 0       | 42      | 42      | 28      | 86.60  | cps   |
| Molybdenum | 96-1  | 83      | 83      | 92      | 86      | 5.58   | cps   |
| Molybdenum | 97-1  | 25      | 17      | 8       | 17      | 50.01  | cps   |
| Molybdenum | 98-1  | 108     | 58      | 67      | 78      | 34.44  | cps   |
| Neodymium  | 150-1 | 7       | 0       | 7       | 4       | 86.60  | cps   |
| Neodymium  | 150-2 | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Nickel     | 60-2  | 67      | 70      | 67      | 68      | 2.84   | cps   |
| Phosphorus | 31-2  | 225     | 108     | 75      | 136     | 57.87  | cps   |
| Potassium  | 39-2  | 25047   | 24396   | 25230   | 24891   | 1.76   | cps   |
| Rhodium    | 103-1 | 5084276 | 5105562 | 5164022 | 5117953 | 0.81   | cps   |
| Rhodium    | 103-2 | 2475918 | 2478835 | 2579545 | 2511433 | 2.35   | cps   |
| Scandium   | 45-1  | 3626938 | 3634965 | 3664656 | 3642186 | 0.55   | cps   |
| Scandium   | 45-2  | 158986  | 159054  | 164322  | 160788  | 1.90   | cps   |
| Selenium   | 77-2  | 0       | 7       | 0       | 2       | 173.21 | cps   |
| Selenium   | 78-2  | 46      | 63      | 61      | 57      | 16.08  | cps   |
| Selenium   | 82-1  | 57      | 25      | 46      | 42      | 37.79  | cps   |
| Silicon    | 28-1  | 260159  | 260534  | 259610  | 260101  | 0.18   | cps   |
| Silver     | 109-1 | 25      | 67      | 58      | 50      | 44.10  | cps   |
| Silver     | 107-1 | 67      | 50      | 108     | 75      | 40.06  | cps   |
| Sodium     | 23-2  | 11054   | 10988   | 11188   | 11077   | 0.92   | cps   |
| Strontium  | 86-1  | 442     | 458     | 383     | 428     | 9.21   | cps   |
| Strontium  | 88-1  | 92      | 83      | 108     | 94      | 13.48  | cps   |
| Sulfur     | 34-1  | 237286  | 236540  | 235769  | 236532  | 0.32   | cps   |
| Terbium    | 159-1 | 6905117 | 6945640 | 6977219 | 6942659 | 0.52   | cps   |
| Terbium    | 159-2 | 3883489 | 3923047 | 4053338 | 3953291 | 2.25   | cps   |
| Thallium   | 203-1 | 100     | 175     | 108     | 128     | 32.17  | cps   |
| Thallium   | 205-1 | 350     | 433     | 450     | 411     | 13.03  | cps   |
| Tin        | 118-1 | 508     | 533     | 625     | 556     | 11.06  | cps   |
| Titanium   | 47-1  | 50      | 17      | 67      | 44      | 57.28  | cps   |
| Uranium    | 238-1 | 25      | 33      | 25      | 28      | 17.31  | cps   |
| Vanadium   | 51-2  | 17      | 13      | 17      | 16      | 12.40  | cps   |
| Yttrium    | 89-1  | 5993330 | 6026888 | 6097321 | 6039180 | 0.88   | cps   |
| Yttrium    | 89-2  | 905221  | 907256  | 947999  | 920159  | 2.62   | cps   |
| Zinc       | 66-2  | 263     | 277     | 283     | 274     | 3.71   | cps   |
| Zirconium  | 90-1  | 450     | 333     | 467     | 417     | 17.44  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICB01               | Instrumnet Name : | P7        |
| Client Sample ID :      | ICB01               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-06-19 17:35:50 | DataFile Name :   | 015CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 117  | 67   | 108  | 97      | 27.55  | cps   |

|                         |                     |                   |             |
|-------------------------|---------------------|-------------------|-------------|
| LB Number :             | LB96130             | Operator :        | Jaswal      |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P7          |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1           |
| Date & Time Acquired :: | 2018-06-19 17:39:25 | DataFile Name :   | 016ICSA01.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 4659415   | 4697613   | 4781564   | 4712864   | 1.33   | cps   |
| Antimony   | 121-1 | 7269      | 7669      | 7352      | 7430      | 2.84   | cps   |
| Arsenic    | 75-2  | 63        | 61        | 57        | 60        | 4.67   | cps   |
| Barium     | 135-1 | 2367      | 1900      | 1967      | 2078      | 12.15  | cps   |
| Barium     | 137-1 | 3351      | 3517      | 3926      | 3598      | 8.23   | cps   |
| Beryllium  | 9-1   | 489       | 411       | 406       | 435       | 10.71  | cps   |
| Bismuth    | 209-1 | 4403746   | 4467814   | 4510899   | 4460820   | 1.21   | cps   |
| Bismuth    | 209-2 | 3131705   | 3177308   | 3229115   | 3179376   | 1.53   | cps   |
| Boron      | 10-1  | 583       | 600       | 725       | 636       | 12.17  | cps   |
| Boron      | 11-1  | 2967      | 3117      | 3134      | 3073      | 2.99   | cps   |
| Cadmium    | 111-1 | 1349      | 1749      | 1704      | 1601      | 13.67  | cps   |
| Cadmium    | 106-1 | 1408      | 1667      | 1717      | 1597      | 10.36  | cps   |
| Cadmium    | 108-1 | 892       | 871       | 771       | 844       | 7.65   | cps   |
| Calcium    | 43-1  | 1644227   | 1653100   | 1642929   | 1646752   | 0.34   | cps   |
| Calcium    | 44-1  | 26690415  | 26845482  | 26689927  | 26741941  | 0.34   | cps   |
| Chromium   | 52-2  | 30251     | 30044     | 30288     | 30194     | 0.44   | cps   |
| Cobalt     | 59-2  | 2827      | 2854      | 2810      | 2830      | 0.77   | cps   |
| Copper     | 63-2  | 13533     | 13249     | 13650     | 13477     | 1.53   | cps   |
| Dysprosium | 156-1 | 58        | 17        | 8         | 28        | 96.44  | cps   |
| Dysprosium | 156-2 | 20        | 30        | 7         | 19        | 61.96  | cps   |
| Erbium     | 164-1 | 58        | 50        | 42        | 50        | 16.67  | cps   |
| Erbium     | 164-2 | 23        | 20        | 20        | 21        | 9.11   | cps   |
| Gadolinium | 160-1 | 58        | 67        | 17        | 47        | 56.72  | cps   |
| Gadolinium | 160-2 | 133       | 123       | 100       | 119       | 14.39  | cps   |
| Holmium    | 165-1 | 7145274   | 7302502   | 7359185   | 7268987   | 1.52   | cps   |
| Holmium    | 165-2 | 4378147   | 4394112   | 4501531   | 4424597   | 1.52   | cps   |
| Indium     | 115-1 | 5684726   | 5769119   | 5819624   | 5757823   | 1.18   | cps   |
| Indium     | 115-2 | 1290213   | 1303986   | 1317458   | 1303886   | 1.04   | cps   |
| Iron       | 56-2  | 126179928 | 125755097 | 124263933 | 125399653 | 0.80   | cps   |
| Iron       | 57-2  | 3109195   | 3140247   | 3100779   | 3116740   | 0.67   | cps   |
| Lead       | 206-1 | 19587     | 20433     | 19799     | 19939     | 2.21   | cps   |
| Lead       | 207-1 | 16494     | 15370     | 15220     | 15695     | 4.44   | cps   |
| Lead       | 208-1 | 74699     | 74293     | 72389     | 73793     | 1.67   | cps   |
| Lithium    | 6-1   | 1457701   | 1474732   | 1472241   | 1468225   | 0.63   | cps   |
| Magnesium  | 24-2  | 11426935  | 11472051  | 11474145  | 11457710  | 0.23   | cps   |
| Manganese  | 55-2  | 7269      | 7399      | 7239      | 7302      | 1.17   | cps   |

|                         |                     |                   |             |
|-------------------------|---------------------|-------------------|-------------|
| LB Number :             | LB96130             | Operator :        | Jaswal      |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P7          |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1           |
| Date & Time Acquired :: | 2018-06-19 17:39:25 | DataFile Name :   | 016ICSA01.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD  | Units |
|------------|-------|----------|----------|----------|----------|---------|-------|
| Molybdenum | 94-1  | 2993014  | 2987794  | 2994981  | 2991930  | 0.12    | cps   |
| Molybdenum | 95-1  | 5341568  | 5353004  | 5337763  | 5344112  | 0.15    | cps   |
| Molybdenum | 96-1  | 5705930  | 5692276  | 5703184  | 5700463  | 0.13    | cps   |
| Molybdenum | 97-1  | 3298746  | 3296741  | 3314043  | 3303177  | 0.29    | cps   |
| Molybdenum | 98-1  | 8388301  | 8403883  | 8448357  | 8413514  | 0.37    | cps   |
| Neodymium  | 150-1 | 20       | 47       | 20       | 29       | 53.30   | cps   |
| Neodymium  | 150-2 | 13       | 20       | 7        | 13       | 49.99   | cps   |
| Nickel     | 60-2  | 3360     | 3477     | 3244     | 3360     | 3.47    | cps   |
| Phosphorus | 31-2  | 255962   | 252265   | 253365   | 253864   | 0.75    | cps   |
| Potassium  | 39-2  | 11769705 | 11736609 | 11789028 | 11765114 | 0.23    | cps   |
| Rhodium    | 103-1 | 4967451  | 5034486  | 5082196  | 5028044  | 1.15    | cps   |
| Rhodium    | 103-2 | 2551412  | 2579022  | 2596250  | 2575561  | 0.88    | cps   |
| Scandium   | 45-1  | 3665504  | 3711375  | 3713900  | 3696926  | 0.74    | cps   |
| Scandium   | 45-2  | 167272   | 168533   | 169963   | 168589   | 0.80    | cps   |
| Selenium   | 77-2  | 0        | 0        | 0        | 0        | 0.00    | cps   |
| Selenium   | 78-2  | 52       | 48       | 50       | 50       | 3.70    | cps   |
| Selenium   | 82-1  | 8        | -23      | 16       | 0        | 4628.30 | cps   |
| Silicon    | 28-1  | 325206   | 323112   | 323563   | 323960   | 0.34    | cps   |
| Silver     | 109-1 | 450      | 450      | 492      | 464      | 5.19    | cps   |
| Silver     | 107-1 | 483      | 542      | 475      | 500      | 7.26    | cps   |
| Sodium     | 23-2  | 21847968 | 21993408 | 22054761 | 21965379 | 0.48    | cps   |
| Strontium  | 86-1  | 61800    | 60896    | 60352    | 61016    | 1.20    | cps   |
| Strontium  | 88-1  | 527862   | 533016   | 535258   | 532045   | 0.71    | cps   |
| Sulfur     | 34-1  | 2521614  | 2527237  | 2511335  | 2520062  | 0.32    | cps   |
| Terbium    | 159-1 | 7438520  | 7559177  | 7591905  | 7529868  | 1.07    | cps   |
| Terbium    | 159-2 | 4294502  | 4357390  | 4431611  | 4361167  | 1.57    | cps   |
| Thallium   | 203-1 | 1467     | 1117     | 1550     | 1378     | 16.69   | cps   |
| Thallium   | 205-1 | 3317     | 2950     | 3484     | 3251     | 8.40    | cps   |
| Tin        | 118-1 | 1217     | 1142     | 1175     | 1178     | 3.19    | cps   |
| Titanium   | 47-1  | 1505027  | 1508732  | 1485503  | 1499754  | 0.83    | cps   |
| Uranium    | 238-1 | 325      | 342      | 400      | 356      | 11.08   | cps   |
| Vanadium   | 51-2  | 227      | 257      | 177      | 220      | 18.37   | cps   |
| Yttrium    | 89-1  | 6150797  | 6264150  | 6285463  | 6233470  | 1.16    | cps   |
| Yttrium    | 89-2  | 972178   | 981254   | 994927   | 982786   | 1.17    | cps   |
| Zinc       | 66-2  | 2834     | 3070     | 2907     | 2937     | 4.13    | cps   |
| Zirconium  | 90-1  | 800      | 683      | 633      | 706      | 12.12   | cps   |

|                         |                     |                   |             |
|-------------------------|---------------------|-------------------|-------------|
| LB Number :             | LB96130             | Operator :        | Jaswal      |
| Lab Sample ID :         | ICSA01              | Instrumnet Name : | P7          |
| Client Sample ID :      | ICSA01              | Dilution Factor : | 1           |
| Date & Time Acquired :: | 2018-06-19 17:39:25 | DataFile Name :   | 016ICSA01.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 150  | 100  | 142  | 131     | 20.52  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSBA01             | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSBA01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-06-19 17:42:57 | DataFile Name :   | 017ICSB.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 4716897   | 4663358   | 4737745   | 4706000   | 0.82   | cps   |
| Antimony   | 121-1 | 123876    | 121825    | 124035    | 123245    | 1.00   | cps   |
| Arsenic    | 75-2  | 3358      | 3530      | 3332      | 3407      | 3.16   | cps   |
| Barium     | 135-1 | 31620     | 31261     | 31403     | 31428     | 0.58   | cps   |
| Barium     | 137-1 | 53671     | 53813     | 55596     | 54360     | 1.97   | cps   |
| Beryllium  | 9-1   | 20409     | 20453     | 20898     | 20587     | 1.31   | cps   |
| Bismuth    | 209-1 | 4713402   | 4799439   | 4861060   | 4791301   | 1.55   | cps   |
| Bismuth    | 209-2 | 3145069   | 3202137   | 3191202   | 3179469   | 0.95   | cps   |
| Boron      | 10-1  | 6777      | 6819      | 6868      | 6821      | 0.67   | cps   |
| Boron      | 11-1  | 30206     | 31893     | 32327     | 31475     | 3.56   | cps   |
| Cadmium    | 111-1 | 27550     | 26823     | 27590     | 27321     | 1.58   | cps   |
| Cadmium    | 106-1 | 5176      | 4818      | 5576      | 5190      | 7.31   | cps   |
| Cadmium    | 108-1 | 2967      | 2996      | 3125      | 3030      | 2.78   | cps   |
| Calcium    | 43-1  | 1714408   | 1722022   | 1726479   | 1720970   | 0.35   | cps   |
| Calcium    | 44-1  | 27737311  | 27916604  | 28028017  | 27893977  | 0.53   | cps   |
| Chromium   | 52-2  | 60892     | 61331     | 61407     | 61210     | 0.45   | cps   |
| Cobalt     | 59-2  | 51952     | 51470     | 51630     | 51684     | 0.47   | cps   |
| Copper     | 63-2  | 47711     | 48092     | 47336     | 47713     | 0.79   | cps   |
| Dysprosium | 156-1 | 8         | 42        | 17        | 22        | 78.07  | cps   |
| Dysprosium | 156-2 | 10        | 3         | 13        | 9         | 57.30  | cps   |
| Erbium     | 164-1 | 17        | 33        | 58        | 36        | 58.08  | cps   |
| Erbium     | 164-2 | 30        | 40        | 17        | 29        | 40.51  | cps   |
| Gadolinium | 160-1 | 17        | 17        | 108       | 47        | 112.07 | cps   |
| Gadolinium | 160-2 | 93        | 107       | 120       | 107       | 12.50  | cps   |
| Holmium    | 165-1 | 7700731   | 7900910   | 7985121   | 7862254   | 1.86   | cps   |
| Holmium    | 165-2 | 4370802   | 4465477   | 4443738   | 4426672   | 1.12   | cps   |
| Indium     | 115-1 | 6197508   | 6285494   | 6423834   | 6302279   | 1.81   | cps   |
| Indium     | 115-2 | 1313037   | 1325011   | 1325303   | 1321117   | 0.53   | cps   |
| Iron       | 56-2  | 124600483 | 124878244 | 124076267 | 124518331 | 0.33   | cps   |
| Iron       | 57-2  | 3104222   | 3115653   | 3086996   | 3102291   | 0.47   | cps   |
| Lead       | 206-1 | 107850    | 108388    | 108360    | 108199    | 0.28   | cps   |
| Lead       | 207-1 | 89449     | 89885     | 90608     | 89981     | 0.65   | cps   |
| Lead       | 208-1 | 414914    | 416188    | 417975    | 416359    | 0.37   | cps   |
| Lithium    | 6-1   | 1526218   | 1550224   | 1571060   | 1549167   | 1.45   | cps   |
| Magnesium  | 24-2  | 11277961  | 11382263  | 11351522  | 11337248  | 0.47   | cps   |
| Manganese  | 55-2  | 25415     | 25870     | 25068     | 25451     | 1.58   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSBA01             | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSBA01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-06-19 17:42:57 | DataFile Name :   | 017ICSB.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 3426044  | 3456101  | 3476613  | 3452919  | 0.74   | cps   |
| Molybdenum | 95-1  | 5748164  | 5785822  | 5850870  | 5794952  | 0.90   | cps   |
| Molybdenum | 96-1  | 6007497  | 6057346  | 6097909  | 6054251  | 0.75   | cps   |
| Molybdenum | 97-1  | 3545815  | 3555333  | 3594028  | 3565059  | 0.72   | cps   |
| Molybdenum | 98-1  | 9017016  | 9086301  | 9162618  | 9088645  | 0.80   | cps   |
| Neodymium  | 150-1 | 27       | 13       | 47       | 29       | 58.08  | cps   |
| Neodymium  | 150-2 | 7        | 10       | 13       | 10       | 33.30  | cps   |
| Nickel     | 60-2  | 15929    | 16296    | 16406    | 16210    | 1.54   | cps   |
| Phosphorus | 31-2  | 250281   | 248250   | 250594   | 249709   | 0.51   | cps   |
| Potassium  | 39-2  | 11646553 | 11696590 | 11697557 | 11680233 | 0.25   | cps   |
| Rhodium    | 103-1 | 5382131  | 5480598  | 5565671  | 5476133  | 1.68   | cps   |
| Rhodium    | 103-2 | 2588752  | 2620364  | 2613695  | 2607604  | 0.64   | cps   |
| Scandium   | 45-1  | 3952062  | 3987349  | 4066481  | 4001964  | 1.46   | cps   |
| Scandium   | 45-2  | 169073   | 171894   | 170956   | 170641   | 0.84   | cps   |
| Selenium   | 77-2  | 63       | 87       | 87       | 79       | 17.08  | cps   |
| Selenium   | 78-2  | 350      | 270      | 285      | 302      | 14.03  | cps   |
| Selenium   | 82-1  | 1645     | 1700     | 1590     | 1645     | 3.32   | cps   |
| Silicon    | 28-1  | 520594   | 527163   | 526421   | 524726   | 0.69   | cps   |
| Silver     | 109-1 | 119368   | 119408   | 120064   | 119613   | 0.33   | cps   |
| Silver     | 107-1 | 122762   | 127107   | 126713   | 125527   | 1.91   | cps   |
| Sodium     | 23-2  | 21692591 | 21862274 | 21833675 | 21796180 | 0.42   | cps   |
| Strontium  | 86-1  | 170197   | 169731   | 172665   | 170864   | 0.92   | cps   |
| Strontium  | 88-1  | 1481216  | 1501932  | 1506891  | 1496680  | 0.91   | cps   |
| Sulfur     | 34-1  | 2574127  | 2584759  | 2615487  | 2591458  | 0.83   | cps   |
| Terbium    | 159-1 | 7970089  | 8083971  | 8256425  | 8103495  | 1.78   | cps   |
| Terbium    | 159-2 | 4316281  | 4398463  | 4394145  | 4369630  | 1.06   | cps   |
| Thallium   | 203-1 | 110925   | 110775   | 111035   | 110912   | 0.12   | cps   |
| Thallium   | 205-1 | 257508   | 256839   | 262818   | 259055   | 1.26   | cps   |
| Tin        | 118-1 | 256779   | 257970   | 261911   | 258887   | 1.04   | cps   |
| Titanium   | 47-1  | 1594285  | 1599749  | 1603205  | 1599079  | 0.28   | cps   |
| Uranium    | 238-1 | 1058101  | 1069733  | 1064575  | 1064137  | 0.55   | cps   |
| Vanadium   | 51-2  | 25452    | 26083    | 26250    | 25929    | 1.62   | cps   |
| Yttrium    | 89-1  | 6694796  | 6800484  | 6940533  | 6811938  | 1.81   | cps   |
| Yttrium    | 89-2  | 988829   | 997611   | 995892   | 994111   | 0.47   | cps   |
| Zinc       | 66-2  | 7465     | 7642     | 7395     | 7501     | 1.70   | cps   |
| Zirconium  | 90-1  | 550951   | 555062   | 554752   | 553588   | 0.41   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | ICSBA01             | Instrumnet Name : | P7        |
| Client Sample ID :      | ICSBA01             | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-06-19 17:42:57 | DataFile Name :   | 017ICSB.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 122183 | 124126 | 124428 | 123579  | 0.99   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB96130             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV30               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV30               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-06-19 17:46:30 | DataFile Name :   | 018CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 2712260   | 2707820   | 2732619   | 2717566   | 0.49   | cps   |
| Antimony   | 121-1 | 2917334   | 2888012   | 2874676   | 2893341   | 0.75   | cps   |
| Arsenic    | 75-2  | 92341     | 89685     | 91599     | 91208     | 1.50   | cps   |
| Barium     | 135-1 | 3704349   | 3692256   | 3668142   | 3688249   | 0.50   | cps   |
| Barium     | 137-1 | 6307435   | 6250491   | 6398880   | 6318935   | 1.18   | cps   |
| Beryllium  | 9-1   | 502349    | 497893    | 493682    | 497975    | 0.87   | cps   |
| Bismuth    | 209-1 | 4323027   | 4333396   | 4335302   | 4330575   | 0.15   | cps   |
| Bismuth    | 209-2 | 2991472   | 2987937   | 3038313   | 3005907   | 0.94   | cps   |
| Boron      | 10-1  | 49950     | 49181     | 49891     | 49674     | 0.86   | cps   |
| Boron      | 11-1  | 233998    | 234949    | 239659    | 236202    | 1.28   | cps   |
| Cadmium    | 111-1 | 628638    | 628353    | 625582    | 627524    | 0.27   | cps   |
| Cadmium    | 106-1 | 68876     | 67738     | 68885     | 68499     | 0.96   | cps   |
| Cadmium    | 108-1 | 46727     | 46740     | 46978     | 46815     | 0.30   | cps   |
| Calcium    | 43-1  | 4732265   | 4683996   | 4655275   | 4690512   | 0.83   | cps   |
| Calcium    | 44-1  | 75372725  | 74828031  | 74901920  | 75034225  | 0.39   | cps   |
| Chromium   | 52-2  | 845100    | 829431    | 840940    | 838490    | 0.97   | cps   |
| Cobalt     | 59-2  | 1273802   | 1246646   | 1277472   | 1265973   | 1.33   | cps   |
| Copper     | 63-2  | 1744377   | 1717697   | 1745194   | 1735756   | 0.90   | cps   |
| Dysprosium | 156-1 | 58        | 75        | 58        | 64        | 15.05  | cps   |
| Dysprosium | 156-2 | 73        | 70        | 63        | 69        | 7.38   | cps   |
| Erbium     | 164-1 | 33        | 17        | 42        | 31        | 41.66  | cps   |
| Erbium     | 164-2 | 33        | 10        | 17        | 20        | 60.08  | cps   |
| Gadolinium | 160-1 | 67        | 33        | 67        | 56        | 34.65  | cps   |
| Gadolinium | 160-2 | 107       | 63        | 93        | 88        | 25.29  | cps   |
| Holmium    | 165-1 | 7211244   | 7252211   | 7274850   | 7246102   | 0.44   | cps   |
| Holmium    | 165-2 | 4278648   | 4242364   | 4332246   | 4284420   | 1.06   | cps   |
| Indium     | 115-1 | 5739513   | 5752244   | 5765799   | 5752519   | 0.23   | cps   |
| Indium     | 115-2 | 1250829   | 1239287   | 1276121   | 1255412   | 1.50   | cps   |
| Iron       | 56-2  | 163890048 | 161818337 | 163411998 | 163040128 | 0.67   | cps   |
| Iron       | 57-2  | 4129471   | 4037019   | 4134749   | 4100413   | 1.34   | cps   |
| Lead       | 206-1 | 2120829   | 2120853   | 2110749   | 2117477   | 0.28   | cps   |
| Lead       | 207-1 | 1925474   | 1920121   | 1925405   | 1923666   | 0.16   | cps   |
| Lead       | 208-1 | 8704192   | 8670496   | 8637129   | 8670606   | 0.39   | cps   |
| Lithium    | 6-1   | 1424949   | 1422903   | 1440769   | 1429540   | 0.68   | cps   |
| Magnesium  | 24-2  | 30606545  | 30334598  | 30630656  | 30523933  | 0.54   | cps   |
| Manganese  | 55-2  | 946605    | 935829    | 951819    | 944751    | 0.86   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB96130             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV30               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV30               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-06-19 17:46:30 | DataFile Name :   | 018CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 5810835  | 5774883  | 5684977  | 5756898  | 1.13   | cps   |
| Molybdenum | 95-1  | 7101310  | 7073468  | 7016582  | 7063787  | 0.61   | cps   |
| Molybdenum | 96-1  | 7796588  | 7767822  | 7703294  | 7755902  | 0.62   | cps   |
| Molybdenum | 97-1  | 4493905  | 4453789  | 4433950  | 4460548  | 0.68   | cps   |
| Molybdenum | 98-1  | 11342410 | 11290899 | 11291494 | 11308267 | 0.26   | cps   |
| Neodymium  | 150-1 | 267      | 353      | 200      | 273      | 28.13  | cps   |
| Neodymium  | 150-2 | 30       | 40       | 30       | 33       | 17.32  | cps   |
| Nickel     | 60-2  | 331890   | 327073   | 330267   | 329743   | 0.74   | cps   |
| Phosphorus | 31-2  | 26783    | 27259    | 27334    | 27126    | 1.10   | cps   |
| Potassium  | 39-2  | 15721475 | 15458198 | 15746655 | 15642110 | 1.02   | cps   |
| Rhodium    | 103-1 | 4993668  | 4970658  | 5007775  | 4990701  | 0.38   | cps   |
| Rhodium    | 103-2 | 2456739  | 2429746  | 2494837  | 2460441  | 1.33   | cps   |
| Scandium   | 45-1  | 3736796  | 3745601  | 3778746  | 3753714  | 0.59   | cps   |
| Scandium   | 45-2  | 166736   | 165917   | 167400   | 166684   | 0.45   | cps   |
| Selenium   | 77-2  | 1950     | 1890     | 1810     | 1883     | 3.73   | cps   |
| Selenium   | 78-2  | 6344     | 6381     | 6424     | 6383     | 0.62   | cps   |
| Selenium   | 82-1  | 40584    | 39645    | 39693    | 39974    | 1.32   | cps   |
| Silicon    | 28-1  | 2334079  | 2386141  | 2430950  | 2383723  | 2.03   | cps   |
| Silver     | 109-1 | 3056434  | 3034064  | 3044891  | 3045129  | 0.37   | cps   |
| Silver     | 107-1 | 3180193  | 3157409  | 3166438  | 3168013  | 0.36   | cps   |
| Sodium     | 23-2  | 58028253 | 57205333 | 58043880 | 57759155 | 0.83   | cps   |
| Strontium  | 86-1  | 957040   | 950590   | 945865   | 951165   | 0.59   | cps   |
| Strontium  | 88-1  | 8333988  | 8337769  | 8258086  | 8309948  | 0.54   | cps   |
| Sulfur     | 34-1  | 456309   | 452621   | 451828   | 453586   | 0.53   | cps   |
| Terbium    | 159-1 | 7470889  | 7532460  | 7536457  | 7513269  | 0.49   | cps   |
| Terbium    | 159-2 | 4210749  | 4180137  | 4297683  | 4229523  | 1.44   | cps   |
| Thallium   | 203-1 | 2686004  | 2680781  | 2664636  | 2677140  | 0.42   | cps   |
| Thallium   | 205-1 | 6409373  | 6460619  | 6421586  | 6430526  | 0.42   | cps   |
| Tin        | 118-1 | 2176396  | 2164155  | 2141930  | 2160827  | 0.81   | cps   |
| Titanium   | 47-1  | 1983666  | 1970893  | 1957455  | 1970671  | 0.67   | cps   |
| Uranium    | 238-1 | 9100042  | 9021601  | 8987258  | 9036301  | 0.64   | cps   |
| Vanadium   | 51-2  | 696131   | 687232   | 695906   | 693090   | 0.73   | cps   |
| Yttrium    | 89-1  | 6335162  | 6380266  | 6369742  | 6361723  | 0.37   | cps   |
| Yttrium    | 89-2  | 958290   | 953144   | 975767   | 962400   | 1.23   | cps   |
| Zinc       | 66-2  | 234685   | 230414   | 236130   | 233743   | 1.27   | cps   |
| Zirconium  | 90-1  | 5000553  | 4969116  | 4933120  | 4967596  | 0.68   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB96130             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV30               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV30               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-06-19 17:46:30 | DataFile Name :   | 018CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1103488 | 1100407 | 1081403 | 1095099 | 1.09   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB30               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB30               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-06-19 17:50:04 | DataFile Name :   | 019CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 50      | 100     | 83      | 78      | 32.73  | cps   |
| Antimony   | 121-1 | 1467    | 1450    | 1500    | 1472    | 1.73   | cps   |
| Arsenic    | 75-2  | 11      | 11      | 9       | 10      | 10.18  | cps   |
| Barium     | 135-1 | 125     | 133     | 117     | 125     | 6.67   | cps   |
| Barium     | 137-1 | 267     | 267     | 250     | 261     | 3.68   | cps   |
| Beryllium  | 9-1   | 361     | 289     | 356     | 335     | 11.99  | cps   |
| Bismuth    | 209-1 | 4546678 | 4676560 | 4688193 | 4637144 | 1.69   | cps   |
| Bismuth    | 209-2 | 3227068 | 3220936 | 3237505 | 3228503 | 0.26   | cps   |
| Boron      | 10-1  | 2600    | 2350    | 2209    | 2386    | 8.31   | cps   |
| Boron      | 11-1  | 12406   | 11205   | 10846   | 11485   | 7.11   | cps   |
| Cadmium    | 111-1 | 1273    | 1197    | 1298    | 1256    | 4.20   | cps   |
| Cadmium    | 106-1 | 1742    | 1667    | 1834    | 1747    | 4.78   | cps   |
| Cadmium    | 108-1 | 13      | 17      | 21      | 17      | 24.99  | cps   |
| Calcium    | 43-1  | 283     | 233     | 300     | 272     | 12.75  | cps   |
| Calcium    | 44-1  | 6502    | 6177    | 6585    | 6421    | 3.36   | cps   |
| Chromium   | 52-2  | 213     | 187     | 150     | 183     | 17.35  | cps   |
| Cobalt     | 59-2  | 140     | 90      | 97      | 109     | 24.93  | cps   |
| Copper     | 63-2  | 650     | 577     | 637     | 621     | 6.29   | cps   |
| Dysprosium | 156-1 | 8       | 25      | 0       | 11      | 114.58 | cps   |
| Dysprosium | 156-2 | 3       | 0       | 3       | 2       | 86.60  | cps   |
| Erbium     | 164-1 | 42      | 50      | 17      | 36      | 48.03  | cps   |
| Erbium     | 164-2 | 3       | 20      | 13      | 12      | 68.66  | cps   |
| Gadolinium | 160-1 | 25      | 33      | 50      | 36      | 35.25  | cps   |
| Gadolinium | 160-2 | 140     | 77      | 73      | 97      | 38.86  | cps   |
| Holmium    | 165-1 | 7021042 | 7237418 | 7339338 | 7199266 | 2.26   | cps   |
| Holmium    | 165-2 | 4217381 | 4210693 | 4248441 | 4225505 | 0.48   | cps   |
| Indium     | 115-1 | 5916807 | 6035835 | 6073888 | 6008843 | 1.36   | cps   |
| Indium     | 115-2 | 1307268 | 1309125 | 1319050 | 1311814 | 0.48   | cps   |
| Iron       | 56-2  | 11004   | 10804   | 11110   | 10973   | 1.42   | cps   |
| Iron       | 57-2  | 506     | 506     | 539     | 517     | 3.72   | cps   |
| Lead       | 206-1 | 622     | 628     | 689     | 646     | 5.72   | cps   |
| Lead       | 207-1 | 489     | 533     | 628     | 550     | 12.90  | cps   |
| Lead       | 208-1 | 2461    | 2478    | 2528    | 2489    | 1.39   | cps   |
| Lithium    | 6-1   | 1460150 | 1499070 | 1498047 | 1485756 | 1.49   | cps   |
| Magnesium  | 24-2  | 1884    | 1625    | 1667    | 1725    | 8.04   | cps   |
| Manganese  | 55-2  | 23      | 47      | 97      | 56      | 67.44  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB30               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB30               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-06-19 17:50:04 | DataFile Name :   | 019CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 792     | 767     | 683     | 747     | 7.59   | cps   |
| Molybdenum | 95-1  | 1050    | 925     | 733     | 903     | 17.67  | cps   |
| Molybdenum | 96-1  | 1150    | 850     | 917     | 972     | 16.20  | cps   |
| Molybdenum | 97-1  | 542     | 575     | 558     | 558     | 2.99   | cps   |
| Molybdenum | 98-1  | 1408    | 1517    | 1275    | 1400    | 8.65   | cps   |
| Neodymium  | 150-1 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 123     | 87      | 40      | 83      | 50.12  | cps   |
| Phosphorus | 31-2  | 108     | 50      | 50      | 69      | 48.50  | cps   |
| Potassium  | 39-2  | 25940   | 25932   | 25564   | 25812   | 0.83   | cps   |
| Rhodium    | 103-1 | 5299471 | 5434675 | 5502279 | 5412142 | 1.91   | cps   |
| Rhodium    | 103-2 | 2648457 | 2652299 | 2669920 | 2656892 | 0.43   | cps   |
| Scandium   | 45-1  | 3737268 | 3825371 | 3877597 | 3813412 | 1.86   | cps   |
| Scandium   | 45-2  | 165449  | 166361  | 167581  | 166464  | 0.64   | cps   |
| Selenium   | 77-2  | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 52      | 50      | 43      | 48      | 10.18  | cps   |
| Selenium   | 82-1  | 1       | 40      | 46      | 29      | 84.68  | cps   |
| Silicon    | 28-1  | 262105  | 256693  | 260243  | 259680  | 1.06   | cps   |
| Silver     | 109-1 | 458     | 358     | 383     | 400     | 13.01  | cps   |
| Silver     | 107-1 | 450     | 392     | 458     | 433     | 8.38   | cps   |
| Sodium     | 23-2  | 25472   | 25072   | 24537   | 25027   | 1.87   | cps   |
| Strontium  | 86-1  | 458     | 542     | 433     | 478     | 11.87  | cps   |
| Strontium  | 88-1  | 417     | 383     | 350     | 383     | 8.70   | cps   |
| Sulfur     | 34-1  | 213170  | 214455  | 213060  | 213562  | 0.36   | cps   |
| Terbium    | 159-1 | 7347030 | 7578587 | 7624033 | 7516550 | 1.98   | cps   |
| Terbium    | 159-2 | 4179852 | 4199166 | 4215026 | 4198015 | 0.42   | cps   |
| Thallium   | 203-1 | 1033    | 800     | 800     | 878     | 15.35  | cps   |
| Thallium   | 205-1 | 2342    | 2325    | 2017    | 2228    | 8.22   | cps   |
| Tin        | 118-1 | 617     | 808     | 683     | 703     | 13.85  | cps   |
| Titanium   | 47-1  | 250     | 200     | 275     | 242     | 15.80  | cps   |
| Uranium    | 238-1 | 450     | 383     | 308     | 381     | 18.62  | cps   |
| Vanadium   | 51-2  | 30      | 40      | 17      | 29      | 40.51  | cps   |
| Yttrium    | 89-1  | 6265575 | 6440522 | 6457592 | 6387897 | 1.66   | cps   |
| Yttrium    | 89-2  | 958595  | 957050  | 968377  | 961341  | 0.64   | cps   |
| Zinc       | 66-2  | 190     | 130     | 147     | 156     | 19.91  | cps   |
| Zirconium  | 90-1  | 875     | 750     | 867     | 831     | 8.41   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB30               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB30               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-06-19 17:50:04 | DataFile Name :   | 019CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 225  | 275  | 200  | 233     | 16.37  | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-06-19 17:53:49 | DataFile Name :   | 020LLIC.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 825     | 1167    | 1125    | 1039    | 17.94  | cps   |
| Antimony   | 121-1 | 11464   | 11705   | 11872   | 11680   | 1.76   | cps   |
| Arsenic    | 75-2  | 193     | 176     | 178     | 182     | 5.02   | cps   |
| Barium     | 135-1 | 13674   | 14141   | 12640   | 13485   | 5.70   | cps   |
| Barium     | 137-1 | 24456   | 24456   | 24197   | 24369   | 0.61   | cps   |
| Beryllium  | 9-1   | 1217    | 1417    | 1328    | 1320    | 7.59   | cps   |
| Bismuth    | 209-1 | 4541473 | 4610979 | 4627917 | 4593456 | 1.00   | cps   |
| Bismuth    | 209-2 | 3152119 | 3153728 | 3117384 | 3141077 | 0.65   | cps   |
| Boron      | 10-1  | 3434    | 3759    | 3992    | 3728    | 7.52   | cps   |
| Boron      | 11-1  | 16710   | 17936   | 17469   | 17372   | 3.56   | cps   |
| Cadmium    | 111-1 | 2642    | 2664    | 2446    | 2584    | 4.64   | cps   |
| Cadmium    | 106-1 | 1975    | 2017    | 1867    | 1953    | 3.97   | cps   |
| Cadmium    | 108-1 | 88      | 75      | 117     | 93      | 22.98  | cps   |
| Calcium    | 43-1  | 8469    | 8144    | 8753    | 8456    | 3.60   | cps   |
| Calcium    | 44-1  | 137963  | 137619  | 140041  | 138541  | 0.95   | cps   |
| Chromium   | 52-2  | 3427    | 3464    | 3404    | 3432    | 0.88   | cps   |
| Cobalt     | 59-2  | 2510    | 2717    | 2517    | 2581    | 4.55   | cps   |
| Copper     | 63-2  | 4151    | 4284    | 4241    | 4225    | 1.61   | cps   |
| Dysprosium | 156-1 | 0       | 8       | 17      | 8       | 100.02 | cps   |
| Dysprosium | 156-2 | 3       | 7       | 3       | 4       | 43.40  | cps   |
| Erbium     | 164-1 | 42      | 17      | 33      | 31      | 41.66  | cps   |
| Erbium     | 164-2 | 10      | 13      | 20      | 14      | 35.26  | cps   |
| Gadolinium | 160-1 | 25      | 33      | 17      | 25      | 33.32  | cps   |
| Gadolinium | 160-2 | 87      | 80      | 97      | 88      | 9.56   | cps   |
| Holmium    | 165-1 | 7092719 | 7253172 | 7157450 | 7167780 | 1.13   | cps   |
| Holmium    | 165-2 | 4139261 | 4151032 | 4118325 | 4136206 | 0.40   | cps   |
| Indium     | 115-1 | 5930745 | 6028292 | 6030298 | 5996445 | 0.95   | cps   |
| Indium     | 115-2 | 1282031 | 1289583 | 1265297 | 1278970 | 0.97   | cps   |
| Iron       | 56-2  | 73495   | 71675   | 71022   | 72064   | 1.78   | cps   |
| Iron       | 57-2  | 2156    | 1989    | 2172    | 2106    | 4.82   | cps   |
| Lead       | 206-1 | 4645    | 4629    | 4618    | 4631    | 0.30   | cps   |
| Lead       | 207-1 | 4412    | 4512    | 4312    | 4412    | 2.27   | cps   |
| Lead       | 208-1 | 18934   | 18911   | 19167   | 19004   | 0.75   | cps   |
| Lithium    | 6-1   | 1459685 | 1471434 | 1469232 | 1466784 | 0.43   | cps   |
| Magnesium  | 24-2  | 59619   | 59093   | 58340   | 59017   | 1.09   | cps   |
| Manganese  | 55-2  | 993     | 990     | 983     | 989     | 0.51   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-06-19 17:53:49 | DataFile Name :   | 020LLIC.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Molybdenum | 94-1  | 11705   | 12014   | 11755   | 11825   | 1.40   | cps   |
| Molybdenum | 95-1  | 13916   | 14249   | 14224   | 14130   | 1.31   | cps   |
| Molybdenum | 96-1  | 15042   | 15584   | 15609   | 15412   | 2.08   | cps   |
| Molybdenum | 97-1  | 8428    | 8720    | 8828    | 8659    | 2.39   | cps   |
| Molybdenum | 98-1  | 22360   | 20916   | 22444   | 21907   | 3.92   | cps   |
| Neodymium  | 150-1 | 0       | 0       | 7       | 2       | 173.21 | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 807     | 780     | 710     | 766     | 6.52   | cps   |
| Phosphorus | 31-2  | 125     | 58      | 150     | 111     | 42.65  | cps   |
| Potassium  | 39-2  | 85345   | 84993   | 82362   | 84233   | 1.94   | cps   |
| Rhodium    | 103-1 | 5367598 | 5476010 | 5472085 | 5438564 | 1.13   | cps   |
| Rhodium    | 103-2 | 2605383 | 2613986 | 2599301 | 2606223 | 0.28   | cps   |
| Scandium   | 45-1  | 3779303 | 3827678 | 3827796 | 3811592 | 0.73   | cps   |
| Scandium   | 45-2  | 164623  | 165583  | 163487  | 164564  | 0.64   | cps   |
| Selenium   | 77-2  | 17      | 30      | 30      | 26      | 30.11  | cps   |
| Selenium   | 78-2  | 109     | 126     | 120     | 119     | 7.16   | cps   |
| Selenium   | 82-1  | 395     | 484     | 386     | 422     | 12.83  | cps   |
| Silicon    | 28-1  | 298430  | 298777  | 296289  | 297832  | 0.45   | cps   |
| Silver     | 109-1 | 6118    | 6710    | 6752    | 6527    | 5.43   | cps   |
| Silver     | 107-1 | 6844    | 7102    | 6835    | 6927    | 2.19   | cps   |
| Sodium     | 23-2  | 130639  | 127438  | 125857  | 127978  | 1.90   | cps   |
| Strontium  | 86-1  | 2184    | 2167    | 2742    | 2364    | 13.85  | cps   |
| Strontium  | 88-1  | 16577   | 16202   | 16477   | 16418   | 1.18   | cps   |
| Sulfur     | 34-1  | 217641  | 218545  | 223865  | 220017  | 1.53   | cps   |
| Terbium    | 159-1 | 7375390 | 7572642 | 7473107 | 7473713 | 1.32   | cps   |
| Terbium    | 159-2 | 4121734 | 4109271 | 4068642 | 4099883 | 0.68   | cps   |
| Thallium   | 203-1 | 5393    | 5718    | 5426    | 5512    | 3.25   | cps   |
| Thallium   | 205-1 | 13616   | 13340   | 13074   | 13343   | 2.03   | cps   |
| Tin        | 118-1 | 23738   | 22919   | 22986   | 23214   | 1.96   | cps   |
| Titanium   | 47-1  | 3767    | 3817    | 3909    | 3831    | 1.88   | cps   |
| Uranium    | 238-1 | 17754   | 17546   | 17738   | 17679   | 0.66   | cps   |
| Vanadium   | 51-2  | 6682    | 6338    | 6335    | 6452    | 3.09   | cps   |
| Yttrium    | 89-1  | 6331349 | 6466111 | 6455546 | 6417669 | 1.17   | cps   |
| Yttrium    | 89-2  | 951015  | 950342  | 941379  | 947579  | 0.57   | cps   |
| Zinc       | 66-2  | 723     | 760     | 633     | 706     | 9.24   | cps   |
| Zirconium  | 90-1  | 11013   | 10671   | 9945    | 10543   | 5.17   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | CRI                 | Instrumnet Name : | P7        |
| Client Sample ID :      | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-06-19 17:53:49 | DataFile Name :   | 020LLIC.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 2559 | 2425 | 2217 | 2400    | 7.18   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | J3479-01DLX10       | Instrumnet Name : | P7        |
| Client Sample ID :      | SS003RW114R-180611D | Dilution Factor : | 10        |
| Date & Time Acquired :: | 2018-06-19 17:57:22 | DataFile Name :   | 021SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 227386   | 226882   | 225280   | 226516   | 0.49   | cps   |
| Antimony   | 121-1 | 4743     | 5059     | 5293     | 5032     | 5.49   | cps   |
| Arsenic    | 75-2  | 2348     | 2304     | 2259     | 2304     | 1.93   | cps   |
| Barium     | 135-1 | 4701     | 5043     | 4784     | 4843     | 3.68   | cps   |
| Barium     | 137-1 | 8778     | 8503     | 8370     | 8550     | 2.44   | cps   |
| Beryllium  | 9-1   | 400      | 361      | 428      | 396      | 8.45   | cps   |
| Bismuth    | 209-1 | 4728682  | 4865932  | 4903722  | 4832779  | 1.91   | cps   |
| Bismuth    | 209-2 | 3307885  | 3348759  | 3312918  | 3323187  | 0.67   | cps   |
| Boron      | 10-1  | 9211     | 9745     | 9620     | 9526     | 2.93   | cps   |
| Boron      | 11-1  | 44893    | 45294    | 44199    | 44795    | 1.24   | cps   |
| Cadmium    | 111-1 | 3614     | 3586     | 3635     | 3612     | 0.68   | cps   |
| Cadmium    | 106-1 | 2042     | 2134     | 2192     | 2122     | 3.56   | cps   |
| Cadmium    | 108-1 | 171      | 196      | 113      | 160      | 26.78  | cps   |
| Calcium    | 43-1  | 746876   | 738796   | 715133   | 733601   | 2.25   | cps   |
| Calcium    | 44-1  | 12269492 | 12125155 | 11825069 | 12073238 | 1.88   | cps   |
| Chromium   | 52-2  | 136168   | 136874   | 137056   | 136700   | 0.34   | cps   |
| Cobalt     | 59-2  | 55287    | 55060    | 54829    | 55058    | 0.42   | cps   |
| Copper     | 63-2  | 154175   | 155620   | 152006   | 153934   | 1.18   | cps   |
| Dysprosium | 156-1 | 4268     | 3759     | 3867     | 3965     | 6.76   | cps   |
| Dysprosium | 156-2 | 2310     | 2370     | 2354     | 2345     | 1.32   | cps   |
| Erbium     | 164-1 | 4468     | 4076     | 4326     | 4290     | 4.62   | cps   |
| Erbium     | 164-2 | 2224     | 2397     | 2250     | 2290     | 4.08   | cps   |
| Gadolinium | 160-1 | 4293     | 3892     | 3842     | 4009     | 6.15   | cps   |
| Gadolinium | 160-2 | 2687     | 2570     | 2457     | 2571     | 4.47   | cps   |
| Holmium    | 165-1 | 7709063  | 7908684  | 7980666  | 7866138  | 1.79   | cps   |
| Holmium    | 165-2 | 4648196  | 4634929  | 4624544  | 4635889  | 0.26   | cps   |
| Indium     | 115-1 | 6250077  | 6285710  | 6436342  | 6324043  | 1.56   | cps   |
| Indium     | 115-2 | 1385674  | 1385204  | 1382228  | 1384369  | 0.13   | cps   |
| Iron       | 56-2  | 14077183 | 14104006 | 13971417 | 14050869 | 0.50   | cps   |
| Iron       | 57-2  | 345501   | 347502   | 347584   | 346862   | 0.34   | cps   |
| Lead       | 206-1 | 248654   | 247823   | 242609   | 246362   | 1.33   | cps   |
| Lead       | 207-1 | 213135   | 211142   | 209112   | 211130   | 0.95   | cps   |
| Lead       | 208-1 | 981057   | 971552   | 949988   | 967532   | 1.65   | cps   |
| Lithium    | 6-1   | 1506377  | 1548009  | 1557734  | 1537373  | 1.77   | cps   |
| Magnesium  | 24-2  | 815304   | 823775   | 807557   | 815545   | 0.99   | cps   |
| Manganese  | 55-2  | 734068   | 740859   | 733640   | 736189   | 0.55   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | J3479-01DLX10       | Instrumnet Name : | P7        |
| Client Sample ID :      | SS003RW114R-180611D | Dilution Factor : | 10        |
| Date & Time Acquired :: | 2018-06-19 17:57:22 | DataFile Name :   | 021SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 6568     | 6260     | 6677     | 6502     | 3.33   | cps   |
| Molybdenum | 95-1  | 6243     | 5927     | 6402     | 6191     | 3.91   | cps   |
| Molybdenum | 96-1  | 7402     | 7294     | 7202     | 7299     | 1.37   | cps   |
| Molybdenum | 97-1  | 4009     | 3976     | 3501     | 3828     | 7.43   | cps   |
| Molybdenum | 98-1  | 9712     | 10137    | 9787     | 9879     | 2.30   | cps   |
| Neodymium  | 150-1 | 6008     | 5801     | 5721     | 5844     | 2.53   | cps   |
| Neodymium  | 150-2 | 2380     | 2434     | 2267     | 2360     | 3.61   | cps   |
| Nickel     | 60-2  | 29957    | 30008    | 30054    | 30006    | 0.16   | cps   |
| Phosphorus | 31-2  | 775      | 833      | 833      | 814      | 4.14   | cps   |
| Potassium  | 39-2  | 340140   | 342702   | 344780   | 342541   | 0.68   | cps   |
| Rhodium    | 103-1 | 5392875  | 5550893  | 5634539  | 5526102  | 2.22   | cps   |
| Rhodium    | 103-2 | 2688409  | 2717374  | 2706129  | 2703970  | 0.54   | cps   |
| Scandium   | 45-1  | 3955147  | 4071673  | 4073799  | 4033540  | 1.68   | cps   |
| Scandium   | 45-2  | 176155   | 178828   | 179345   | 178109   | 0.96   | cps   |
| Selenium   | 77-2  | 10       | 7        | 27       | 14       | 74.18  | cps   |
| Selenium   | 78-2  | 65       | 72       | 41       | 59       | 27.78  | cps   |
| Selenium   | 82-1  | 59       | 28       | 41       | 43       | 37.39  | cps   |
| Silicon    | 28-1  | 11649723 | 11421837 | 11115414 | 11395658 | 2.35   | cps   |
| Silver     | 109-1 | 858      | 1083     | 1083     | 1008     | 12.88  | cps   |
| Silver     | 107-1 | 1050     | 1092     | 1158     | 1100     | 4.97   | cps   |
| Sodium     | 23-2  | 97270125 | 97773681 | 97077706 | 97373838 | 0.37   | cps   |
| Strontium  | 86-1  | 274247   | 271875   | 268207   | 271443   | 1.12   | cps   |
| Strontium  | 88-1  | 2434568  | 2406838  | 2332835  | 2391414  | 2.20   | cps   |
| Sulfur     | 34-1  | 8247137  | 8114163  | 7913349  | 8091550  | 2.08   | cps   |
| Terbium    | 159-1 | 8029656  | 8260306  | 8259226  | 8183063  | 1.62   | cps   |
| Terbium    | 159-2 | 4583357  | 4582769  | 4563390  | 4576505  | 0.25   | cps   |
| Thallium   | 203-1 | 2600     | 2509     | 2367     | 2492     | 4.72   | cps   |
| Thallium   | 205-1 | 6052     | 6060     | 5510     | 5874     | 5.37   | cps   |
| Tin        | 118-1 | 1058     | 1100     | 908      | 1022     | 9.86   | cps   |
| Titanium   | 47-1  | 4167     | 4818     | 4226     | 4404     | 8.17   | cps   |
| Uranium    | 238-1 | 24173    | 24674    | 23213    | 24020    | 3.09   | cps   |
| Vanadium   | 51-2  | 24390    | 24517    | 24163    | 24357    | 0.74   | cps   |
| Yttrium    | 89-1  | 6751619  | 6957487  | 7008074  | 6905726  | 1.97   | cps   |
| Yttrium    | 89-2  | 1032606  | 1041231  | 1036081  | 1036639  | 0.42   | cps   |
| Zinc       | 66-2  | 14404    | 14351    | 14207    | 14321    | 0.71   | cps   |
| Zirconium  | 90-1  | 8564     | 7853     | 7369     | 7929     | 7.58   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | J3479-01DLX10       | Instrumnet Name : | P7        |
| Client Sample ID :      | SS003RW114R-180611D | Dilution Factor : | 10        |
| Date & Time Acquired :: | 2018-06-19 17:57:22 | DataFile Name :   | 021SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1859 | 1550 | 1625 | 1678    | 9.58   | cps   |

LB Number : LB96130 Operator : Jaswal  
 Lab Sample ID : J3479-01DUPDLX10 Instrumnet Name : P7  
 Client Sample ID : SS003RW114R-180611D Dilution Factor : 10  
 Date & Time Acquired :: 2018-06-19 18:00:55 DataFile Name : 022SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 231414   | 229982   | 232616   | 231337   | 0.57   | cps   |
| Antimony   | 121-1 | 4109     | 4301     | 4601     | 4337     | 5.72   | cps   |
| Arsenic    | 75-2  | 2411     | 2328     | 2359     | 2366     | 1.78   | cps   |
| Barium     | 135-1 | 5134     | 5068     | 5301     | 5168     | 2.33   | cps   |
| Barium     | 137-1 | 8853     | 8578     | 9696     | 9042     | 6.44   | cps   |
| Beryllium  | 9-1   | 400      | 417      | 383      | 400      | 4.17   | cps   |
| Bismuth    | 209-1 | 4739850  | 4757180  | 4843293  | 4780107  | 1.16   | cps   |
| Bismuth    | 209-2 | 3204585  | 3238463  | 3254268  | 3232439  | 0.79   | cps   |
| Boron      | 10-1  | 9128     | 9528     | 9887     | 9514     | 3.99   | cps   |
| Boron      | 11-1  | 44650    | 45319    | 46263    | 45411    | 1.78   | cps   |
| Cadmium    | 111-1 | 3345     | 3405     | 3599     | 3450     | 3.85   | cps   |
| Cadmium    | 106-1 | 1709     | 1775     | 2092     | 1859     | 11.02  | cps   |
| Cadmium    | 108-1 | 150      | 138      | 171      | 153      | 11.02  | cps   |
| Calcium    | 43-1  | 751349   | 740118   | 739088   | 743518   | 0.91   | cps   |
| Calcium    | 44-1  | 12347865 | 12160128 | 12201130 | 12236374 | 0.81   | cps   |
| Chromium   | 52-2  | 140666   | 139133   | 140878   | 140226   | 0.68   | cps   |
| Cobalt     | 59-2  | 55990    | 56221    | 56103    | 56105    | 0.21   | cps   |
| Copper     | 63-2  | 158073   | 158808   | 157497   | 158126   | 0.42   | cps   |
| Dysprosium | 156-1 | 4184     | 4343     | 4776     | 4434     | 6.91   | cps   |
| Dysprosium | 156-2 | 2350     | 2377     | 2400     | 2376     | 1.05   | cps   |
| Erbium     | 164-1 | 4526     | 4159     | 4334     | 4340     | 4.23   | cps   |
| Erbium     | 164-2 | 2254     | 2390     | 2217     | 2287     | 4.00   | cps   |
| Gadolinium | 160-1 | 4301     | 3776     | 3984     | 4020     | 6.58   | cps   |
| Gadolinium | 160-2 | 2504     | 2457     | 2557     | 2506     | 2.00   | cps   |
| Holmium    | 165-1 | 7803709  | 7798630  | 7932422  | 7844920  | 0.97   | cps   |
| Holmium    | 165-2 | 4514117  | 4515838  | 4525968  | 4518641  | 0.14   | cps   |
| Indium     | 115-1 | 6275557  | 6311463  | 6372795  | 6319938  | 0.78   | cps   |
| Indium     | 115-2 | 1346872  | 1342813  | 1354414  | 1348033  | 0.44   | cps   |
| Iron       | 56-2  | 14436811 | 14422319 | 14540672 | 14466600 | 0.45   | cps   |
| Iron       | 57-2  | 355800   | 354514   | 357543   | 355952   | 0.43   | cps   |
| Lead       | 206-1 | 253994   | 251583   | 250031   | 251869   | 0.79   | cps   |
| Lead       | 207-1 | 216048   | 213523   | 212037   | 213870   | 0.95   | cps   |
| Lead       | 208-1 | 996023   | 987073   | 981190   | 988095   | 0.76   | cps   |
| Lithium    | 6-1   | 1512127  | 1518261  | 1528144  | 1519511  | 0.53   | cps   |
| Magnesium  | 24-2  | 827667   | 840089   | 837943   | 835233   | 0.79   | cps   |
| Manganese  | 55-2  | 751496   | 749743   | 761111   | 754117   | 0.81   | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | J3479-01DUPDLX10    | Instrumnet Name : | P7        |
| Client Sample ID :      | SS003RW114R-180611D | Dilution Factor : | 10        |
| Date & Time Acquired :: | 2018-06-19 18:00:55 | DataFile Name :   | 022SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|----------|-----------|-----------|-----------|--------|-------|
| Molybdenum | 94-1  | 6468     | 6585      | 6302      | 6452      | 2.21   | cps   |
| Molybdenum | 95-1  | 6235     | 6460      | 6552      | 6416      | 2.54   | cps   |
| Molybdenum | 96-1  | 7144     | 7277      | 7102      | 7174      | 1.28   | cps   |
| Molybdenum | 97-1  | 3934     | 3951      | 3659      | 3848      | 4.26   | cps   |
| Molybdenum | 98-1  | 9962     | 9962      | 10062     | 9996      | 0.58   | cps   |
| Neodymium  | 150-1 | 5795     | 5955      | 5628      | 5793      | 2.82   | cps   |
| Neodymium  | 150-2 | 2634     | 2524      | 2484      | 2547      | 3.05   | cps   |
| Nickel     | 60-2  | 31360    | 30712     | 30946     | 31006     | 1.06   | cps   |
| Phosphorus | 31-2  | 858      | 858       | 883       | 867       | 1.67   | cps   |
| Potassium  | 39-2  | 352737   | 348012    | 351942    | 350897    | 0.72   | cps   |
| Rhodium    | 103-1 | 5389615  | 5464070   | 5497270   | 5450318   | 1.01   | cps   |
| Rhodium    | 103-2 | 2648521  | 2634330   | 2640294   | 2641048   | 0.27   | cps   |
| Scandium   | 45-1  | 3962665  | 3956492   | 4021150   | 3980102   | 0.90   | cps   |
| Scandium   | 45-2  | 172376   | 172508    | 174646    | 173177    | 0.74   | cps   |
| Selenium   | 77-2  | 20       | 7         | 7         | 11        | 69.25  | cps   |
| Selenium   | 78-2  | 74       | 65        | 61        | 67        | 10.02  | cps   |
| Selenium   | 82-1  | 58       | -23       | 31        | 22        | 191.08 | cps   |
| Silicon    | 28-1  | 11548680 | 11355221  | 11431707  | 11445203  | 0.85   | cps   |
| Silver     | 109-1 | 1167     | 1033      | 1133      | 1111      | 6.25   | cps   |
| Silver     | 107-1 | 1033     | 1225      | 1308      | 1189      | 11.86  | cps   |
| Sodium     | 23-2  | 99803800 | 100245590 | 100665165 | 100238185 | 0.43   | cps   |
| Strontium  | 86-1  | 276378   | 275016    | 279355    | 276917    | 0.80   | cps   |
| Strontium  | 88-1  | 2447864  | 2416860   | 2411930   | 2425552   | 0.80   | cps   |
| Sulfur     | 34-1  | 8211591  | 8094661   | 8136010   | 8147420   | 0.73   | cps   |
| Terbium    | 159-1 | 8035230  | 8068229   | 8169098   | 8090852   | 0.86   | cps   |
| Terbium    | 159-2 | 4453820  | 4472151   | 4464468   | 4463479   | 0.21   | cps   |
| Thallium   | 203-1 | 1867     | 1900      | 2092      | 1953      | 6.22   | cps   |
| Thallium   | 205-1 | 4851     | 4651      | 4568      | 4690      | 3.11   | cps   |
| Tin        | 118-1 | 1042     | 967       | 900       | 970       | 7.31   | cps   |
| Titanium   | 47-1  | 4009     | 4543      | 4501      | 4351      | 6.82   | cps   |
| Uranium    | 238-1 | 24424    | 23856     | 24657     | 24312     | 1.69   | cps   |
| Vanadium   | 51-2  | 24317    | 25212     | 24948     | 24826     | 1.85   | cps   |
| Yttrium    | 89-1  | 6767810  | 6797784   | 6866023   | 6810539   | 0.74   | cps   |
| Yttrium    | 89-2  | 1012026  | 1010523   | 1013350   | 1011966   | 0.14   | cps   |
| Zinc       | 66-2  | 14718    | 14581     | 14604     | 14634     | 0.50   | cps   |
| Zirconium  | 90-1  | 7669     | 8269      | 8094      | 8011      | 3.85   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | J3479-01DUPDLX10    | Instrumnet Name : | P7        |
| Client Sample ID :      | SS003RW114R-180611D | Dilution Factor : | 10        |
| Date & Time Acquired :: | 2018-06-19 18:00:55 | DataFile Name :   | 022SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 1809 | 1817 | 1867 | 1831    | 1.72   | cps   |

LB Number : LB96130 Operator : Jaswal  
 Lab Sample ID : J3479-01LDLX50 Instrumnet Name : P7  
 Client Sample ID : SS003RW114R-180611L Dilution Factor : 50  
 Date & Time Acquired :: 2018-06-19 18:04:28 DataFile Name : 023SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 47802   | 48429   | 46699   | 47644   | 1.84   | cps   |
| Antimony   | 121-1 | 575     | 583     | 542     | 567     | 3.89   | cps   |
| Arsenic    | 75-2  | 452     | 454     | 469     | 458     | 1.99   | cps   |
| Barium     | 135-1 | 1033    | 958     | 1183    | 1058    | 10.82  | cps   |
| Barium     | 137-1 | 1725    | 1925    | 1725    | 1792    | 6.45   | cps   |
| Beryllium  | 9-1   | 278     | 222     | 217     | 239     | 14.15  | cps   |
| Bismuth    | 209-1 | 4647986 | 4654952 | 4655196 | 4652711 | 0.09   | cps   |
| Bismuth    | 209-2 | 3198509 | 3274384 | 3280478 | 3251123 | 1.40   | cps   |
| Boron      | 10-1  | 2592    | 2600    | 2634    | 2609    | 0.85   | cps   |
| Boron      | 11-1  | 12931   | 12781   | 13006   | 12906   | 0.89   | cps   |
| Cadmium    | 111-1 | 1677    | 1569    | 1660    | 1635    | 3.55   | cps   |
| Cadmium    | 106-1 | 1759    | 1684    | 1750    | 1731    | 2.37   | cps   |
| Cadmium    | 108-1 | 42      | 38      | 46      | 42      | 10.00  | cps   |
| Calcium    | 43-1  | 147892  | 148287  | 148773  | 148317  | 0.30   | cps   |
| Calcium    | 44-1  | 2456540 | 2458298 | 2442389 | 2452409 | 0.36   | cps   |
| Chromium   | 52-2  | 29119   | 29296   | 29817   | 29411   | 1.23   | cps   |
| Cobalt     | 59-2  | 11892   | 11858   | 11838   | 11863   | 0.23   | cps   |
| Copper     | 63-2  | 34317   | 34344   | 34030   | 34230   | 0.51   | cps   |
| Dysprosium | 156-1 | 1058    | 675     | 742     | 825     | 24.83  | cps   |
| Dysprosium | 156-2 | 490     | 483     | 467     | 480     | 2.50   | cps   |
| Erbium     | 164-1 | 800     | 742     | 933     | 825     | 11.91  | cps   |
| Erbium     | 164-2 | 447     | 437     | 530     | 471     | 10.88  | cps   |
| Gadolinium | 160-1 | 908     | 967     | 825     | 900     | 7.91   | cps   |
| Gadolinium | 160-2 | 563     | 513     | 570     | 549     | 5.64   | cps   |
| Holmium    | 165-1 | 7348864 | 7418951 | 7437468 | 7401761 | 0.63   | cps   |
| Holmium    | 165-2 | 4314623 | 4400613 | 4418676 | 4377971 | 1.27   | cps   |
| Indium     | 115-1 | 6030177 | 6073708 | 6096066 | 6066650 | 0.55   | cps   |
| Indium     | 115-2 | 1308980 | 1330420 | 1340008 | 1326470 | 1.20   | cps   |
| Iron       | 56-2  | 3003949 | 3018472 | 3009400 | 3010607 | 0.24   | cps   |
| Iron       | 57-2  | 73751   | 73875   | 75371   | 74332   | 1.21   | cps   |
| Lead       | 206-1 | 49961   | 51394   | 50228   | 50528   | 1.51   | cps   |
| Lead       | 207-1 | 42518   | 43282   | 43293   | 43031   | 1.03   | cps   |
| Lead       | 208-1 | 198673  | 199553  | 198197  | 198808  | 0.35   | cps   |
| Lithium    | 6-1   | 1425331 | 1443123 | 1451571 | 1440009 | 0.93   | cps   |
| Magnesium  | 24-2  | 170999  | 171268  | 171519  | 171262  | 0.15   | cps   |
| Manganese  | 55-2  | 156064  | 157993  | 157832  | 157296  | 0.68   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | J3479-01LDLX50      | Instrumnet Name : | P7        |
| Client Sample ID :      | SS003RW114R-180611L | Dilution Factor : | 50        |
| Date & Time Acquired :: | 2018-06-19 18:04:28 | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 1400     | 1375     | 1625     | 1467     | 9.39   | cps   |
| Molybdenum | 95-1  | 1225     | 1375     | 1225     | 1275     | 6.79   | cps   |
| Molybdenum | 96-1  | 1467     | 1609     | 1550     | 1542     | 4.62   | cps   |
| Molybdenum | 97-1  | 925      | 925      | 767      | 872      | 10.48  | cps   |
| Molybdenum | 98-1  | 1992     | 2117     | 1900     | 2003     | 5.43   | cps   |
| Neodymium  | 150-1 | 953      | 1147     | 1153     | 1085     | 10.48  | cps   |
| Neodymium  | 150-2 | 533      | 457      | 473      | 488      | 8.27   | cps   |
| Nickel     | 60-2  | 6762     | 6762     | 6658     | 6727     | 0.89   | cps   |
| Phosphorus | 31-2  | 208      | 250      | 258      | 239      | 11.21  | cps   |
| Potassium  | 39-2  | 92270    | 91909    | 91766    | 91982    | 0.28   | cps   |
| Rhodium    | 103-1 | 5311557  | 5410630  | 5404377  | 5375521  | 1.03   | cps   |
| Rhodium    | 103-2 | 2643881  | 2678437  | 2697900  | 2673406  | 1.02   | cps   |
| Scandium   | 45-1  | 3760797  | 3812205  | 3820406  | 3797803  | 0.85   | cps   |
| Scandium   | 45-2  | 167256   | 170215   | 170478   | 169316   | 1.06   | cps   |
| Selenium   | 77-2  | 3        | 3        | 0        | 2        | 86.60  | cps   |
| Selenium   | 78-2  | 48       | 50       | 48       | 49       | 2.19   | cps   |
| Selenium   | 82-1  | -12      | 20       | 36       | 15       | 165.18 | cps   |
| Silicon    | 28-1  | 3211445  | 3223415  | 3229989  | 3221617  | 0.29   | cps   |
| Silver     | 109-1 | 475      | 500      | 475      | 483      | 2.99   | cps   |
| Silver     | 107-1 | 617      | 517      | 600      | 578      | 9.27   | cps   |
| Sodium     | 23-2  | 20315781 | 20517843 | 20516513 | 20450046 | 0.57   | cps   |
| Strontium  | 86-1  | 56654    | 57491    | 55767    | 56638    | 1.52   | cps   |
| Strontium  | 88-1  | 486180   | 487400   | 484059   | 485880   | 0.35   | cps   |
| Sulfur     | 34-1  | 2031029  | 2029579  | 2018905  | 2026504  | 0.33   | cps   |
| Terbium    | 159-1 | 7622086  | 7727780  | 7763335  | 7704400  | 0.95   | cps   |
| Terbium    | 159-2 | 4269927  | 4342772  | 4376901  | 4329867  | 1.26   | cps   |
| Thallium   | 203-1 | 433      | 500      | 475      | 469      | 7.17   | cps   |
| Thallium   | 205-1 | 1125     | 1250     | 842      | 1072     | 19.51  | cps   |
| Tin        | 118-1 | 500      | 2779     | 567      | 1282     | 101.17 | cps   |
| Titanium   | 47-1  | 1067     | 983      | 767      | 939      | 16.49  | cps   |
| Uranium    | 238-1 | 5035     | 5043     | 4768     | 4948     | 3.16   | cps   |
| Vanadium   | 51-2  | 5344     | 5118     | 5128     | 5197     | 2.47   | cps   |
| Yttrium    | 89-1  | 6432557  | 6513503  | 6536621  | 6494227  | 0.84   | cps   |
| Yttrium    | 89-2  | 971104   | 988260   | 994141   | 984501   | 1.22   | cps   |
| Zinc       | 66-2  | 3357     | 3120     | 3010     | 3163     | 5.60   | cps   |
| Zirconium  | 90-1  | 1884     | 1892     | 1892     | 1889     | 0.25   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | J3479-01LDLX50      | Instrumnet Name : | P7        |
| Client Sample ID :      | SS003RW114R-180611L | Dilution Factor : | 50        |
| Date & Time Acquired :: | 2018-06-19 18:04:28 | DataFile Name :   | 023SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 483  | 417  | 600  | 500     | 18.56  | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB96130              | Operator :        | Jaswal    |
| Lab Sample ID :         | J3479-02DLX10        | Instrumnet Name : | P7        |
| Client Sample ID :      | SS003RW114R-180611-I | Dilution Factor : | 10        |
| Date & Time Acquired :: | 2018-06-19 18:08:01  | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 284322   | 282215   | 275770   | 280769   | 1.59   | cps   |
| Antimony   | 121-1 | 283900   | 281058   | 276848   | 280602   | 1.26   | cps   |
| Arsenic    | 75-2  | 10862    | 10765    | 10332    | 10653    | 2.65   | cps   |
| Barium     | 135-1 | 216842   | 217178   | 210813   | 214944   | 1.67   | cps   |
| Barium     | 137-1 | 380876   | 377538   | 364253   | 374222   | 2.35   | cps   |
| Beryllium  | 9-1   | 49381    | 48807    | 47185    | 48457    | 2.35   | cps   |
| Bismuth    | 209-1 | 4253071  | 4490337  | 4410879  | 4384762  | 2.75   | cps   |
| Bismuth    | 209-2 | 2967895  | 2978564  | 2961851  | 2969437  | 0.28   | cps   |
| Boron      | 10-1  | 14216    | 14449    | 14441    | 14368    | 0.92   | cps   |
| Boron      | 11-1  | 67643    | 69427    | 69033    | 68701    | 1.36   | cps   |
| Cadmium    | 111-1 | 67333    | 65892    | 65139    | 66121    | 1.69   | cps   |
| Cadmium    | 106-1 | 8503     | 8386     | 8545     | 8478     | 0.97   | cps   |
| Cadmium    | 108-1 | 4947     | 5197     | 4876     | 5007     | 3.37   | cps   |
| Calcium    | 43-1  | 864229   | 852630   | 829552   | 848804   | 2.08   | cps   |
| Calcium    | 44-1  | 14100092 | 13988675 | 13664817 | 13917861 | 1.62   | cps   |
| Chromium   | 52-2  | 215227   | 211932   | 210600   | 212587   | 1.12   | cps   |
| Cobalt     | 59-2  | 175060   | 176352   | 170811   | 174074   | 1.67   | cps   |
| Copper     | 63-2  | 324420   | 320779   | 314376   | 319858   | 1.59   | cps   |
| Dysprosium | 156-1 | 3967     | 4301     | 4017     | 4095     | 4.39   | cps   |
| Dysprosium | 156-2 | 2520     | 2434     | 2224     | 2392     | 6.38   | cps   |
| Erbium     | 164-1 | 4618     | 4718     | 3826     | 4387     | 11.14  | cps   |
| Erbium     | 164-2 | 2337     | 2324     | 2154     | 2271     | 4.50   | cps   |
| Gadolinium | 160-1 | 4167     | 4334     | 3992     | 4165     | 4.10   | cps   |
| Gadolinium | 160-2 | 2434     | 2364     | 2477     | 2425     | 2.36   | cps   |
| Holmium    | 165-1 | 7016637  | 7404554  | 7277059  | 7232750  | 2.73   | cps   |
| Holmium    | 165-2 | 4143058  | 4161336  | 4139363  | 4147919  | 0.28   | cps   |
| Indium     | 115-1 | 5625295  | 5883207  | 5819786  | 5776096  | 2.33   | cps   |
| Indium     | 115-2 | 1228492  | 1235563  | 1232459  | 1232171  | 0.29   | cps   |
| Iron       | 56-2  | 17494093 | 17324685 | 16973658 | 17264145 | 1.54   | cps   |
| Iron       | 57-2  | 430522   | 428163   | 418824   | 425836   | 1.45   | cps   |
| Lead       | 206-1 | 455774   | 449134   | 437368   | 447426   | 2.08   | cps   |
| Lead       | 207-1 | 393392   | 387685   | 379205   | 386760   | 1.85   | cps   |
| Lead       | 208-1 | 1795688  | 1783354  | 1739624  | 1772888  | 1.66   | cps   |
| Lithium    | 6-1   | 1373719  | 1442106  | 1416091  | 1410639  | 2.45   | cps   |
| Magnesium  | 24-2  | 1424184  | 1405008  | 1381707  | 1403633  | 1.52   | cps   |
| Manganese  | 55-2  | 834502   | 821532   | 812161   | 822731   | 1.36   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB96130              | Operator :        | Jaswal    |
| Lab Sample ID :         | J3479-02DLX10        | Instrumnet Name : | P7        |
| Client Sample ID :      | SS003RW114R-180611-I | Dilution Factor : | 10        |
| Date & Time Acquired :: | 2018-06-19 18:08:01  | DataFile Name :   | 024SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|-----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 574929    | 570431   | 558505   | 567955   | 1.49   | cps   |
| Molybdenum | 95-1  | 700694    | 680611   | 668036   | 683113   | 2.41   | cps   |
| Molybdenum | 96-1  | 773537    | 761182   | 743688   | 759469   | 1.97   | cps   |
| Molybdenum | 97-1  | 432866    | 429653   | 419790   | 427436   | 1.59   | cps   |
| Molybdenum | 98-1  | 1120063   | 1105693  | 1076707  | 1100821  | 2.01   | cps   |
| Neodymium  | 150-1 | 6075      | 5935     | 5668     | 5893     | 3.51   | cps   |
| Neodymium  | 150-2 | 2590      | 2624     | 2317     | 2510     | 6.70   | cps   |
| Nickel     | 60-2  | 62369     | 61211    | 60839    | 61473    | 1.30   | cps   |
| Phosphorus | 31-2  | 758       | 708      | 700      | 722      | 4.37   | cps   |
| Potassium  | 39-2  | 640202    | 632809   | 621146   | 631386   | 1.52   | cps   |
| Rhodium    | 103-1 | 4843921   | 5095594  | 4994537  | 4978017  | 2.54   | cps   |
| Rhodium    | 103-2 | 2407815   | 2411108  | 2407604  | 2408842  | 0.08   | cps   |
| Scandium   | 45-1  | 3512152   | 3733872  | 3656430  | 3634151  | 3.10   | cps   |
| Scandium   | 45-2  | 161101    | 160151   | 159848   | 160367   | 0.41   | cps   |
| Selenium   | 77-2  | 123       | 140      | 167      | 143      | 15.25  | cps   |
| Selenium   | 78-2  | 643       | 663      | 702      | 669      | 4.50   | cps   |
| Selenium   | 82-1  | 3994      | 4071     | 3832     | 3966     | 3.07   | cps   |
| Silicon    | 28-1  | 12293728  | 12210242 | 11845880 | 12116617 | 1.97   | cps   |
| Silver     | 109-1 | 250658    | 251965   | 243587   | 248737   | 1.81   | cps   |
| Silver     | 107-1 | 261562    | 258779   | 253062   | 257801   | 1.68   | cps   |
| Sodium     | 23-2  | 101166392 | 99701811 | 97736269 | 99534824 | 1.73   | cps   |
| Strontium  | 86-1  | 379123    | 375094   | 360213   | 371476   | 2.68   | cps   |
| Strontium  | 88-1  | 3328027   | 3274178  | 3211777  | 3271327  | 1.78   | cps   |
| Sulfur     | 34-1  | 8438196   | 8399069  | 8136499  | 8324588  | 1.97   | cps   |
| Terbium    | 159-1 | 7293163   | 7624679  | 7502121  | 7473321  | 2.24   | cps   |
| Terbium    | 159-2 | 4082160   | 4100347  | 4110998  | 4097835  | 0.36   | cps   |
| Thallium   | 203-1 | 267562    | 269596   | 261605   | 266254   | 1.56   | cps   |
| Thallium   | 205-1 | 636394    | 633584   | 616044   | 628674   | 1.75   | cps   |
| Tin        | 118-1 | 226064    | 225977   | 215629   | 222557   | 2.70   | cps   |
| Titanium   | 47-1  | 191324    | 190979   | 185106   | 189136   | 1.85   | cps   |
| Uranium    | 238-1 | 958804    | 945800   | 930413   | 945006   | 1.50   | cps   |
| Vanadium   | 51-2  | 89747     | 88342    | 88564    | 88885    | 0.85   | cps   |
| Yttrium    | 89-1  | 6097476   | 6363618  | 6306252  | 6255782  | 2.24   | cps   |
| Yttrium    | 89-2  | 925601    | 928981   | 917627   | 924070   | 0.63   | cps   |
| Zinc       | 66-2  | 36780     | 35797    | 35644    | 36074    | 1.71   | cps   |
| Zirconium  | 90-1  | 493481    | 485975   | 477109   | 485522   | 1.69   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB96130              | Operator :        | Jaswal    |
| Lab Sample ID :         | J3479-02DLX10        | Instrumnet Name : | P7        |
| Client Sample ID :      | SS003RW114R-180611-1 | Dilution Factor : | 10        |
| Date & Time Acquired :: | 2018-06-19 18:08:01  | DataFile Name :   | 024SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 111516 | 110869 | 107518 | 109968  | 1.95   | cps   |



LB Number : LB96130 Operator : Jaswal  
 Lab Sample ID : J3479-03DLX10 Instrumnet Name : P7  
 Client Sample ID : SS003RW114R-180611-I Dilution Factor : 10  
 Date & Time Acquired :: 2018-06-19 18:11:35 DataFile Name : 025SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 276723   | 275467   | 274510   | 275567   | 0.40   | cps   |
| Antimony   | 121-1 | 276930   | 275035   | 272644   | 274870   | 0.78   | cps   |
| Arsenic    | 75-2  | 10369    | 10491    | 10548    | 10469    | 0.88   | cps   |
| Barium     | 135-1 | 208085   | 207753   | 207553   | 207797   | 0.13   | cps   |
| Barium     | 137-1 | 357347   | 362587   | 361106   | 360347   | 0.75   | cps   |
| Beryllium  | 9-1   | 46477    | 46828    | 46962    | 46756    | 0.54   | cps   |
| Bismuth    | 209-1 | 4392842  | 4410111  | 4444648  | 4415867  | 0.60   | cps   |
| Bismuth    | 209-2 | 2915922  | 2932935  | 2911223  | 2920027  | 0.39   | cps   |
| Boron      | 10-1  | 13582    | 14182    | 14299    | 14021    | 2.75   | cps   |
| Boron      | 11-1  | 65986    | 68548    | 70147    | 68227    | 3.08   | cps   |
| Cadmium    | 111-1 | 63229    | 63865    | 64961    | 64018    | 1.37   | cps   |
| Cadmium    | 106-1 | 8219     | 8319     | 8528     | 8356     | 1.88   | cps   |
| Cadmium    | 108-1 | 4834     | 4547     | 4522     | 4634     | 3.75   | cps   |
| Calcium    | 43-1  | 832580   | 826030   | 827093   | 828568   | 0.42   | cps   |
| Calcium    | 44-1  | 13551759 | 13620787 | 13570087 | 13580878 | 0.26   | cps   |
| Chromium   | 52-2  | 212799   | 212210   | 211101   | 212037   | 0.41   | cps   |
| Cobalt     | 59-2  | 173731   | 172470   | 171920   | 172707   | 0.54   | cps   |
| Copper     | 63-2  | 315388   | 316670   | 310698   | 314252   | 1.00   | cps   |
| Dysprosium | 156-1 | 4009     | 4059     | 3776     | 3948     | 3.83   | cps   |
| Dysprosium | 156-2 | 2327     | 2250     | 2284     | 2287     | 1.68   | cps   |
| Erbium     | 164-1 | 4359     | 4126     | 4568     | 4351     | 5.08   | cps   |
| Erbium     | 164-2 | 2334     | 2324     | 2367     | 2341     | 0.97   | cps   |
| Gadolinium | 160-1 | 4134     | 3967     | 3934     | 4012     | 2.67   | cps   |
| Gadolinium | 160-2 | 2270     | 2344     | 2534     | 2382     | 5.71   | cps   |
| Holmium    | 165-1 | 7227806  | 7290662  | 7330338  | 7282935  | 0.71   | cps   |
| Holmium    | 165-2 | 4052458  | 4058608  | 4065329  | 4058798  | 0.16   | cps   |
| Indium     | 115-1 | 5779135  | 5802719  | 5828619  | 5803491  | 0.43   | cps   |
| Indium     | 115-2 | 1209396  | 1209084  | 1196547  | 1205009  | 0.61   | cps   |
| Iron       | 56-2  | 17182701 | 17103233 | 16972804 | 17086246 | 0.62   | cps   |
| Iron       | 57-2  | 422445   | 420594   | 420663   | 421234   | 0.25   | cps   |
| Lead       | 206-1 | 435513   | 433971   | 435002   | 434828   | 0.18   | cps   |
| Lead       | 207-1 | 378817   | 375624   | 379772   | 378071   | 0.57   | cps   |
| Lead       | 208-1 | 1728324  | 1719364  | 1720917  | 1722868  | 0.28   | cps   |
| Lithium    | 6-1   | 1397596  | 1413401  | 1417959  | 1409652  | 0.76   | cps   |
| Magnesium  | 24-2  | 1403691  | 1401034  | 1383984  | 1396236  | 0.77   | cps   |
| Manganese  | 55-2  | 824794   | 821123   | 814089   | 820002   | 0.66   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB96130              | Operator :        | Jaswal    |
| Lab Sample ID :         | J3479-03DLX10        | Instrumnet Name : | P7        |
| Client Sample ID :      | SS003RW114R-180611-I | Dilution Factor : | 10        |
| Date & Time Acquired :: | 2018-06-19 18:11:35  | DataFile Name :   | 025SMPL.d |

| Parameter  | Mass  | CPS1      | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|-----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 548910    | 545317   | 541182   | 545136   | 0.71   | cps   |
| Molybdenum | 95-1  | 655603    | 658218   | 646331   | 653384   | 0.96   | cps   |
| Molybdenum | 96-1  | 725732    | 724320   | 718936   | 722996   | 0.50   | cps   |
| Molybdenum | 97-1  | 411727    | 407697   | 407316   | 408913   | 0.60   | cps   |
| Molybdenum | 98-1  | 1056060   | 1051782  | 1044207  | 1050683  | 0.57   | cps   |
| Neodymium  | 150-1 | 6415      | 5741     | 5668     | 5941     | 6.93   | cps   |
| Neodymium  | 150-2 | 2474      | 2427     | 2450     | 2450     | 0.95   | cps   |
| Nickel     | 60-2  | 60903     | 60862    | 61070    | 60945    | 0.18   | cps   |
| Phosphorus | 31-2  | 842       | 783      | 683      | 769      | 10.41  | cps   |
| Potassium  | 39-2  | 632169    | 624426   | 618643   | 625079   | 1.09   | cps   |
| Rhodium    | 103-1 | 4994471   | 5049594  | 5006249  | 5016772  | 0.58   | cps   |
| Rhodium    | 103-2 | 2370493   | 2380755  | 2375851  | 2375700  | 0.22   | cps   |
| Scandium   | 45-1  | 3615757   | 3681321  | 3670550  | 3655876  | 0.96   | cps   |
| Scandium   | 45-2  | 157002    | 156103   | 156979   | 156694   | 0.33   | cps   |
| Selenium   | 77-2  | 177       | 177      | 157      | 170      | 6.79   | cps   |
| Selenium   | 78-2  | 632       | 652      | 587      | 623      | 5.32   | cps   |
| Selenium   | 82-1  | 3776      | 3917     | 3674     | 3789     | 3.22   | cps   |
| Silicon    | 28-1  | 11805831  | 11818427 | 11809047 | 11811102 | 0.06   | cps   |
| Silver     | 109-1 | 240163    | 241689   | 240522   | 240791   | 0.33   | cps   |
| Silver     | 107-1 | 253944    | 252783   | 254020   | 253582   | 0.27   | cps   |
| Sodium     | 23-2  | 100230229 | 99357756 | 98715115 | 99434367 | 0.76   | cps   |
| Strontium  | 86-1  | 360527    | 357587   | 357046   | 358387   | 0.52   | cps   |
| Strontium  | 88-1  | 3186976   | 3174862  | 3154818  | 3172219  | 0.51   | cps   |
| Sulfur     | 34-1  | 8165782   | 8139726  | 8121080  | 8142196  | 0.28   | cps   |
| Terbium    | 159-1 | 7499412   | 7495167  | 7567837  | 7520806  | 0.54   | cps   |
| Terbium    | 159-2 | 3992540   | 4011145  | 4014163  | 4005949  | 0.29   | cps   |
| Thallium   | 203-1 | 263697    | 258209   | 261368   | 261091   | 1.05   | cps   |
| Thallium   | 205-1 | 614719    | 613211   | 611142   | 613024   | 0.29   | cps   |
| Tin        | 118-1 | 214539    | 211662   | 213717   | 213306   | 0.69   | cps   |
| Titanium   | 47-1  | 182279    | 179638   | 179243   | 180387   | 0.92   | cps   |
| Uranium    | 238-1 | 931715    | 925384   | 926515   | 927872   | 0.36   | cps   |
| Vanadium   | 51-2  | 88600     | 87698    | 87521    | 87940    | 0.66   | cps   |
| Yttrium    | 89-1  | 6277638   | 6311705  | 6277762  | 6289035  | 0.31   | cps   |
| Yttrium    | 89-2  | 908124    | 906039   | 908894   | 907686   | 0.16   | cps   |
| Zinc       | 66-2  | 36519     | 36258    | 35480    | 36086    | 1.50   | cps   |
| Zirconium  | 90-1  | 471647    | 476277   | 467883   | 471935   | 0.89   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB96130              | Operator :        | Jaswal    |
| Lab Sample ID :         | J3479-03DLX10        | Instrumnet Name : | P7        |
| Client Sample ID :      | SS003RW114R-180611-1 | Dilution Factor : | 10        |
| Date & Time Acquired :: | 2018-06-19 18:11:35  | DataFile Name :   | 025SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 106755 | 105144 | 105806 | 105902  | 0.76   | cps   |

LB Number : LB96130 Operator : Jaswal  
 Lab Sample ID : J3479-02ADLX10 Instrumnet Name : P7  
 Client Sample ID : SS003RW114R-180611-1 Dilution Factor : 10  
 Date & Time Acquired :: 2018-06-19 18:15:09 DataFile Name : 026SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 266665   | 262337   | 260597   | 263200   | 1.19   | cps   |
| Antimony   | 121-1 | 264693   | 264210   | 264787   | 264563   | 0.12   | cps   |
| Arsenic    | 75-2  | 10244    | 9915     | 10337    | 10165    | 2.18   | cps   |
| Barium     | 135-1 | 201675   | 203816   | 202006   | 202499   | 0.57   | cps   |
| Barium     | 137-1 | 350939   | 354950   | 354595   | 353494   | 0.63   | cps   |
| Beryllium  | 9-1   | 45647    | 46761    | 46109    | 46172    | 1.21   | cps   |
| Bismuth    | 209-1 | 4455577  | 4526407  | 4530786  | 4504257  | 0.94   | cps   |
| Bismuth    | 209-2 | 2918849  | 2885069  | 2909283  | 2904401  | 0.60   | cps   |
| Boron      | 10-1  | 13473    | 13932    | 14941    | 14115    | 5.32   | cps   |
| Boron      | 11-1  | 64990    | 67041    | 69007    | 67013    | 3.00   | cps   |
| Cadmium    | 111-1 | 61919    | 63041    | 62446    | 62469    | 0.90   | cps   |
| Cadmium    | 106-1 | 8069     | 7727     | 7953     | 7916     | 2.20   | cps   |
| Cadmium    | 108-1 | 4805     | 4509     | 4634     | 4649     | 3.20   | cps   |
| Calcium    | 43-1  | 799833   | 802693   | 809234   | 803920   | 0.60   | cps   |
| Calcium    | 44-1  | 13100665 | 13225326 | 13270785 | 13198925 | 0.67   | cps   |
| Chromium   | 52-2  | 207717   | 201510   | 202561   | 203929   | 1.63   | cps   |
| Cobalt     | 59-2  | 170639   | 164011   | 166044   | 166898   | 2.03   | cps   |
| Copper     | 63-2  | 304156   | 298992   | 303804   | 302317   | 0.95   | cps   |
| Dysprosium | 156-1 | 4201     | 4168     | 4117     | 4162     | 1.01   | cps   |
| Dysprosium | 156-2 | 2130     | 2154     | 1954     | 2079     | 5.26   | cps   |
| Erbium     | 164-1 | 4159     | 4268     | 3967     | 4131     | 3.68   | cps   |
| Erbium     | 164-2 | 2284     | 2304     | 2210     | 2266     | 2.17   | cps   |
| Gadolinium | 160-1 | 3967     | 3976     | 3676     | 3873     | 4.41   | cps   |
| Gadolinium | 160-2 | 2364     | 2274     | 2244     | 2294     | 2.72   | cps   |
| Holmium    | 165-1 | 7316508  | 7485912  | 7430880  | 7411100  | 1.17   | cps   |
| Holmium    | 165-2 | 4079598  | 4028156  | 4062283  | 4056679  | 0.65   | cps   |
| Indium     | 115-1 | 5817719  | 5922656  | 5940683  | 5893686  | 1.13   | cps   |
| Indium     | 115-2 | 1210307  | 1198368  | 1199125  | 1202600  | 0.56   | cps   |
| Iron       | 56-2  | 16681458 | 16364133 | 16404000 | 16483197 | 1.05   | cps   |
| Iron       | 57-2  | 413044   | 404051   | 406110   | 407735   | 1.16   | cps   |
| Lead       | 206-1 | 422306   | 424272   | 422504   | 423027   | 0.26   | cps   |
| Lead       | 207-1 | 365517   | 367137   | 368841   | 367165   | 0.45   | cps   |
| Lead       | 208-1 | 1673119  | 1689307  | 1683298  | 1681908  | 0.49   | cps   |
| Lithium    | 6-1   | 1412435  | 1439383  | 1436493  | 1429437  | 1.04   | cps   |
| Magnesium  | 24-2  | 1357773  | 1316637  | 1323719  | 1332710  | 1.65   | cps   |
| Manganese  | 55-2  | 794123   | 777063   | 782195   | 784460   | 1.12   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB96130              | Operator :        | Jaswal    |
| Lab Sample ID :         | J3479-02ADLX10       | Instrumnet Name : | P7        |
| Client Sample ID :      | SS003RW114R-180611-I | Dilution Factor : | 10        |
| Date & Time Acquired :: | 2018-06-19 18:15:09  | DataFile Name :   | 026SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 530075   | 531956   | 536758   | 532930   | 0.65   | cps   |
| Molybdenum | 95-1  | 645910   | 643383   | 643540   | 644278   | 0.22   | cps   |
| Molybdenum | 96-1  | 708437   | 712559   | 712668   | 711221   | 0.34   | cps   |
| Molybdenum | 97-1  | 401235   | 404631   | 400196   | 402020   | 0.58   | cps   |
| Molybdenum | 98-1  | 1027715  | 1031484  | 1030316  | 1029838  | 0.19   | cps   |
| Neodymium  | 150-1 | 5601     | 5355     | 5641     | 5532     | 2.81   | cps   |
| Neodymium  | 150-2 | 2344     | 2304     | 2310     | 2319     | 0.92   | cps   |
| Nickel     | 60-2  | 59249    | 58372    | 58784    | 58802    | 0.75   | cps   |
| Phosphorus | 31-2  | 708      | 742      | 783      | 744      | 5.05   | cps   |
| Potassium  | 39-2  | 606015   | 592131   | 598474   | 598873   | 1.16   | cps   |
| Rhodium    | 103-1 | 5077920  | 5118972  | 5122629  | 5106507  | 0.49   | cps   |
| Rhodium    | 103-2 | 2389424  | 2360023  | 2381220  | 2376889  | 0.64   | cps   |
| Scandium   | 45-1  | 3669605  | 3726309  | 3735929  | 3710614  | 0.97   | cps   |
| Scandium   | 45-2  | 157177   | 156415   | 154856   | 156149   | 0.76   | cps   |
| Selenium   | 77-2  | 160      | 197      | 140      | 166      | 17.36  | cps   |
| Selenium   | 78-2  | 635      | 576      | 587      | 599      | 5.26   | cps   |
| Selenium   | 82-1  | 3693     | 3691     | 3693     | 3692     | 0.03   | cps   |
| Silicon    | 28-1  | 11388281 | 11549272 | 11457493 | 11465015 | 0.70   | cps   |
| Silver     | 109-1 | 234081   | 236044   | 236138   | 235421   | 0.49   | cps   |
| Silver     | 107-1 | 245008   | 246882   | 245858   | 245916   | 0.38   | cps   |
| Sodium     | 23-2  | 96431210 | 93696738 | 94926258 | 95018069 | 1.44   | cps   |
| Strontium  | 86-1  | 349379   | 350533   | 351814   | 350575   | 0.35   | cps   |
| Strontium  | 88-1  | 3087452  | 3109538  | 3103954  | 3100314  | 0.37   | cps   |
| Sulfur     | 34-1  | 7834403  | 7880424  | 7880075  | 7864967  | 0.34   | cps   |
| Terbium    | 159-1 | 7558799  | 7707719  | 7739568  | 7668695  | 1.26   | cps   |
| Terbium    | 159-2 | 4024481  | 3978698  | 3998211  | 4000463  | 0.57   | cps   |
| Thallium   | 203-1 | 251039   | 253859   | 254404   | 253101   | 0.71   | cps   |
| Thallium   | 205-1 | 594466   | 598174   | 601501   | 598047   | 0.59   | cps   |
| Tin        | 118-1 | 208009   | 208094   | 210274   | 208792   | 0.61   | cps   |
| Titanium   | 47-1  | 172962   | 179833   | 175314   | 176036   | 1.98   | cps   |
| Uranium    | 238-1 | 898094   | 912852   | 903281   | 904742   | 0.83   | cps   |
| Vanadium   | 51-2  | 85818    | 83143    | 83495    | 84152    | 1.73   | cps   |
| Yttrium    | 89-1  | 6310246  | 6446600  | 6460642  | 6405829  | 1.30   | cps   |
| Yttrium    | 89-2  | 916767   | 904595   | 906099   | 909154   | 0.73   | cps   |
| Zinc       | 66-2  | 35520    | 33602    | 34060    | 34394    | 2.91   | cps   |
| Zirconium  | 90-1  | 457550   | 461727   | 457744   | 459007   | 0.51   | cps   |

|                         |                      |                   |           |
|-------------------------|----------------------|-------------------|-----------|
| LB Number :             | LB96130              | Operator :        | Jaswal    |
| Lab Sample ID :         | J3479-02ADLX10       | Instrumnet Name : | P7        |
| Client Sample ID :      | SS003RW114R-180611-1 | Dilution Factor : | 10        |
| Date & Time Acquired :: | 2018-06-19 18:15:09  | DataFile Name :   | 026SMPL.d |

| Parameter | Mass | CPS1   | CPS2   | CPS3   | CPSMean | CPSRSD | Units |
|-----------|------|--------|--------|--------|---------|--------|-------|
| Zirconium | 91-1 | 103128 | 102389 | 103547 | 103022  | 0.57   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | J3535-09DLX2        | Instrumnet Name : | P7        |
| Client Sample ID :      | DUP-0448-180613DL   | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-06-19 18:18:43 | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 792      | 725      | 825      | 781      | 6.52   | cps   |
| Antimony   | 121-1 | 7419     | 7369     | 7402     | 7397     | 0.34   | cps   |
| Arsenic    | 75-2  | 652      | 619      | 639      | 636      | 2.64   | cps   |
| Barium     | 135-1 | 181419   | 181622   | 176069   | 179703   | 1.75   | cps   |
| Barium     | 137-1 | 315069   | 315233   | 305706   | 312002   | 1.75   | cps   |
| Beryllium  | 9-1   | 278      | 133      | 233      | 215      | 34.44  | cps   |
| Bismuth    | 209-1 | 4650192  | 4719345  | 4543130  | 4637556  | 1.91   | cps   |
| Bismuth    | 209-2 | 3015756  | 3062688  | 3080606  | 3053017  | 1.10   | cps   |
| Boron      | 10-1  | 14458    | 14774    | 14015    | 14416    | 2.64   | cps   |
| Boron      | 11-1  | 68238    | 70414    | 69075    | 69242    | 1.59   | cps   |
| Cadmium    | 111-1 | 1317     | 1136     | 1173     | 1209     | 7.90   | cps   |
| Cadmium    | 106-1 | 1842     | 1567     | 1617     | 1675     | 8.74   | cps   |
| Cadmium    | 108-1 | 8        | 21       | 25       | 18       | 48.05  | cps   |
| Calcium    | 43-1  | 1000423  | 997857   | 974416   | 990899   | 1.45   | cps   |
| Calcium    | 44-1  | 16448210 | 16514021 | 16067750 | 16343327 | 1.47   | cps   |
| Chromium   | 52-2  | 27148    | 26564    | 26668    | 26793    | 1.16   | cps   |
| Cobalt     | 59-2  | 2080     | 2017     | 2077     | 2058     | 1.73   | cps   |
| Copper     | 63-2  | 3464     | 3604     | 3774     | 3614     | 4.30   | cps   |
| Dysprosium | 156-1 | 125      | 33       | 42       | 67       | 76.04  | cps   |
| Dysprosium | 156-2 | 27       | 20       | 33       | 27       | 24.99  | cps   |
| Erbium     | 164-1 | 8        | 25       | 58       | 31       | 83.33  | cps   |
| Erbium     | 164-2 | 27       | 47       | 23       | 32       | 39.17  | cps   |
| Gadolinium | 160-1 | 58       | 50       | 33       | 47       | 26.97  | cps   |
| Gadolinium | 160-2 | 127      | 103      | 110      | 113      | 10.60  | cps   |
| Holmium    | 165-1 | 7194003  | 7405921  | 7163653  | 7254526  | 1.82   | cps   |
| Holmium    | 165-2 | 3990848  | 4032557  | 4086249  | 4036552  | 1.18   | cps   |
| Indium     | 115-1 | 6185943  | 6252591  | 6147347  | 6195294  | 0.86   | cps   |
| Indium     | 115-2 | 1257566  | 1274588  | 1288763  | 1273639  | 1.23   | cps   |
| Iron       | 56-2  | 606716   | 604314   | 610771   | 607267   | 0.54   | cps   |
| Iron       | 57-2  | 19196    | 19057    | 19246    | 19167    | 0.51   | cps   |
| Lead       | 206-1 | 1450     | 1456     | 1533     | 1480     | 3.15   | cps   |
| Lead       | 207-1 | 1422     | 1272     | 1178     | 1291     | 9.55   | cps   |
| Lead       | 208-1 | 6029     | 5684     | 5717     | 5810     | 3.27   | cps   |
| Lithium    | 6-1   | 1409440  | 1438850  | 1394439  | 1414243  | 1.60   | cps   |
| Magnesium  | 24-2  | 1002711  | 1008367  | 1011250  | 1007443  | 0.43   | cps   |
| Manganese  | 55-2  | 301195   | 298591   | 299602   | 299796   | 0.44   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | J3535-09DLX2        | Instrumnet Name : | P7        |
| Client Sample ID :      | DUP-0448-180613DL   | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-06-19 18:18:43 | DataFile Name :   | 027SMPL.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 28395    | 27035    | 25916    | 27115    | 4.58   | cps   |
| Molybdenum | 95-1  | 47137    | 48207    | 47363    | 47569    | 1.19   | cps   |
| Molybdenum | 96-1  | 50298    | 51084    | 49646    | 50342    | 1.43   | cps   |
| Molybdenum | 97-1  | 29991    | 30175    | 28947    | 29704    | 2.23   | cps   |
| Molybdenum | 98-1  | 76723    | 77142    | 75131    | 76332    | 1.39   | cps   |
| Neodymium  | 150-1 | 47       | 93       | 80       | 73       | 32.78  | cps   |
| Neodymium  | 150-2 | 37       | 40       | 20       | 32       | 33.25  | cps   |
| Nickel     | 60-2  | 4134     | 4127     | 4157     | 4140     | 0.38   | cps   |
| Phosphorus | 31-2  | 133      | 125      | 125      | 128      | 3.76   | cps   |
| Potassium  | 39-2  | 144311   | 143942   | 147046   | 145100   | 1.17   | cps   |
| Rhodium    | 103-1 | 5218833  | 5321991  | 5147148  | 5229324  | 1.68   | cps   |
| Rhodium    | 103-2 | 2417927  | 2475917  | 2495624  | 2463156  | 1.64   | cps   |
| Scandium   | 45-1  | 3619182  | 3670878  | 3543863  | 3611307  | 1.77   | cps   |
| Scandium   | 45-2  | 150839   | 154136   | 156595   | 153856   | 1.88   | cps   |
| Selenium   | 77-2  | 0        | 10       | 13       | 8        | 89.21  | cps   |
| Selenium   | 78-2  | 43       | 44       | 61       | 49       | 20.66  | cps   |
| Selenium   | 82-1  | 48       | 96       | 97       | 80       | 34.67  | cps   |
| Silicon    | 28-1  | 14183262 | 14221665 | 13794598 | 14066508 | 1.68   | cps   |
| Silver     | 109-1 | 2842     | 2684     | 2867     | 2798     | 3.56   | cps   |
| Silver     | 107-1 | 2884     | 2842     | 3092     | 2939     | 4.56   | cps   |
| Sodium     | 23-2  | 4260348  | 4285815  | 4295488  | 4280550  | 0.42   | cps   |
| Strontium  | 86-1  | 683681   | 683440   | 664880   | 677333   | 1.59   | cps   |
| Strontium  | 88-1  | 5992406  | 5998179  | 5828496  | 5939694  | 1.62   | cps   |
| Sulfur     | 34-1  | 370948   | 368582   | 359506   | 366345   | 1.65   | cps   |
| Terbium    | 159-1 | 7511252  | 7699116  | 7397755  | 7536041  | 2.02   | cps   |
| Terbium    | 159-2 | 3917865  | 3980928  | 4029618  | 3976137  | 1.41   | cps   |
| Thallium   | 203-1 | 1250     | 875      | 733      | 953      | 28.02  | cps   |
| Thallium   | 205-1 | 2725     | 2217     | 1992     | 2311     | 16.26  | cps   |
| Tin        | 118-1 | 6385     | 7928     | 7586     | 7299     | 11.10  | cps   |
| Titanium   | 47-1  | 508      | 542      | 717      | 589      | 19.02  | cps   |
| Uranium    | 238-1 | 8270     | 7944     | 7277     | 7830     | 6.46   | cps   |
| Vanadium   | 51-2  | 1020     | 977      | 940      | 979      | 4.09   | cps   |
| Yttrium    | 89-1  | 6261552  | 6368321  | 6191657  | 6273843  | 1.42   | cps   |
| Yttrium    | 89-2  | 884523   | 905910   | 904898   | 898444   | 1.34   | cps   |
| Zinc       | 66-2  | 2440     | 2420     | 2507     | 2456     | 1.85   | cps   |
| Zirconium  | 90-1  | 1267     | 1300     | 1067     | 1211     | 10.42  | cps   |



|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | J3535-09DLX2        | Instrumnet Name : | P7        |
| Client Sample ID :      | DUP-0448-180613DL   | Dilution Factor : | 2         |
| Date & Time Acquired :: | 2018-06-19 18:18:43 | DataFile Name :   | 027SMPL.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 258  | 325  | 200  | 261     | 23.95  | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB96130             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV31               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV31               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-06-19 18:22:17 | DataFile Name :   | 028CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 2570200   | 2550764   | 2490172   | 2537045   | 1.65   | cps   |
| Antimony   | 121-1 | 2673317   | 2737114   | 2703406   | 2704612   | 1.18   | cps   |
| Arsenic    | 75-2  | 86647     | 85838     | 83892     | 85459     | 1.66   | cps   |
| Barium     | 135-1 | 3666205   | 3747547   | 3670290   | 3694681   | 1.24   | cps   |
| Barium     | 137-1 | 6277613   | 6396061   | 6308783   | 6327486   | 0.97   | cps   |
| Beryllium  | 9-1   | 483863    | 492571    | 485504    | 487312    | 0.95   | cps   |
| Bismuth    | 209-1 | 4258229   | 4402544   | 4326248   | 4329007   | 1.67   | cps   |
| Bismuth    | 209-2 | 2812768   | 2794367   | 2748057   | 2785064   | 1.20   | cps   |
| Boron      | 10-1  | 47985     | 51539     | 51338     | 50287     | 3.97   | cps   |
| Boron      | 11-1  | 221207    | 236243    | 234093    | 230514    | 3.53   | cps   |
| Cadmium    | 111-1 | 619272    | 633833    | 621705    | 624936    | 1.25   | cps   |
| Cadmium    | 106-1 | 68432     | 70569     | 67444     | 68815     | 2.32   | cps   |
| Cadmium    | 108-1 | 46158     | 48023     | 45761     | 46648     | 2.59   | cps   |
| Calcium    | 43-1  | 4569246   | 4655543   | 4604611   | 4609800   | 0.94   | cps   |
| Calcium    | 44-1  | 73382054  | 74768073  | 73724172  | 73958100  | 0.98   | cps   |
| Chromium   | 52-2  | 805381    | 791098    | 771955    | 789478    | 2.12   | cps   |
| Cobalt     | 59-2  | 1214086   | 1199050   | 1162073   | 1191736   | 2.25   | cps   |
| Copper     | 63-2  | 1662073   | 1642725   | 1615656   | 1640152   | 1.42   | cps   |
| Dysprosium | 156-1 | 108       | 133       | 75        | 106       | 27.73  | cps   |
| Dysprosium | 156-2 | 77        | 63        | 33        | 58        | 38.42  | cps   |
| Erbium     | 164-1 | 8         | 25        | 67        | 33        | 90.15  | cps   |
| Erbium     | 164-2 | 7         | 23        | 20        | 17        | 52.90  | cps   |
| Gadolinium | 160-1 | 92        | 25        | 58        | 58        | 57.14  | cps   |
| Gadolinium | 160-2 | 90        | 127       | 107       | 108       | 17.03  | cps   |
| Holmium    | 165-1 | 7184908   | 7366167   | 7333124   | 7294733   | 1.32   | cps   |
| Holmium    | 165-2 | 4028349   | 3979466   | 3905088   | 3970968   | 1.56   | cps   |
| Indium     | 115-1 | 5584582   | 5780592   | 5705282   | 5690152   | 1.74   | cps   |
| Indium     | 115-2 | 1165186   | 1157155   | 1131365   | 1151235   | 1.53   | cps   |
| Iron       | 56-2  | 156908015 | 154432731 | 151393542 | 154244763 | 1.79   | cps   |
| Iron       | 57-2  | 3915542   | 3845803   | 3759466   | 3840271   | 2.04   | cps   |
| Lead       | 206-1 | 2143761   | 2192324   | 2149817   | 2161967   | 1.22   | cps   |
| Lead       | 207-1 | 1944698   | 1989776   | 1956023   | 1963499   | 1.19   | cps   |
| Lead       | 208-1 | 8763029   | 8949883   | 8797585   | 8836833   | 1.13   | cps   |
| Lithium    | 6-1   | 1346484   | 1388542   | 1376173   | 1370400   | 1.58   | cps   |
| Magnesium  | 24-2  | 29020121  | 28725120  | 28069591  | 28604944  | 1.70   | cps   |
| Manganese  | 55-2  | 898535    | 891285    | 870682    | 886834    | 1.63   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB96130             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV31               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV31               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-06-19 18:22:17 | DataFile Name :   | 028CCV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Molybdenum | 94-1  | 5715820  | 5829028  | 5705285  | 5750044  | 1.19   | cps   |
| Molybdenum | 95-1  | 7077155  | 7175038  | 7048981  | 7100391  | 0.93   | cps   |
| Molybdenum | 96-1  | 7785264  | 7884892  | 7758601  | 7809586  | 0.85   | cps   |
| Molybdenum | 97-1  | 4420651  | 4485110  | 4420889  | 4442217  | 0.84   | cps   |
| Molybdenum | 98-1  | 11245702 | 11473330 | 11298848 | 11339293 | 1.05   | cps   |
| Neodymium  | 150-1 | 293      | 227      | 253      | 258      | 13.02  | cps   |
| Neodymium  | 150-2 | 43       | 40       | 37       | 40       | 8.32   | cps   |
| Nickel     | 60-2  | 315341   | 310856   | 304449   | 310215   | 1.76   | cps   |
| Phosphorus | 31-2  | 25022    | 26090    | 25439    | 25517    | 2.11   | cps   |
| Potassium  | 39-2  | 14842057 | 14693830 | 14435954 | 14657280 | 1.40   | cps   |
| Rhodium    | 103-1 | 4840572  | 5009548  | 4918244  | 4922788  | 1.72   | cps   |
| Rhodium    | 103-2 | 2303087  | 2294882  | 2249396  | 2282455  | 1.27   | cps   |
| Scandium   | 45-1  | 3558628  | 3679533  | 3652583  | 3630248  | 1.75   | cps   |
| Scandium   | 45-2  | 154146   | 152260   | 150408   | 152271   | 1.23   | cps   |
| Selenium   | 77-2  | 1757     | 1730     | 1673     | 1720     | 2.47   | cps   |
| Selenium   | 78-2  | 6044     | 5929     | 5840     | 5938     | 1.72   | cps   |
| Selenium   | 82-1  | 39839    | 40066    | 39523    | 39809    | 0.69   | cps   |
| Silicon    | 28-1  | 2155782  | 2260238  | 2261047  | 2225689  | 2.72   | cps   |
| Silver     | 109-1 | 3033218  | 3065266  | 3023631  | 3040705  | 0.72   | cps   |
| Silver     | 107-1 | 3159883  | 3210958  | 3148015  | 3172952  | 1.05   | cps   |
| Sodium     | 23-2  | 54787195 | 54182430 | 53111819 | 54027148 | 1.57   | cps   |
| Strontium  | 86-1  | 938398   | 955101   | 934774   | 942757   | 1.15   | cps   |
| Strontium  | 88-1  | 8232161  | 8416903  | 8283061  | 8310708  | 1.15   | cps   |
| Sulfur     | 34-1  | 438814   | 442014   | 441379   | 440736   | 0.38   | cps   |
| Terbium    | 159-1 | 7426006  | 7620881  | 7561948  | 7536278  | 1.33   | cps   |
| Terbium    | 159-2 | 3959289  | 3925146  | 3855584  | 3913339  | 1.35   | cps   |
| Thallium   | 203-1 | 2710946  | 2754803  | 2693003  | 2719584  | 1.17   | cps   |
| Thallium   | 205-1 | 6458154  | 6625778  | 6495207  | 6526380  | 1.35   | cps   |
| Tin        | 118-1 | 2151974  | 2191158  | 2157414  | 2166849  | 0.98   | cps   |
| Titanium   | 47-1  | 1907673  | 1964436  | 1912642  | 1928250  | 1.63   | cps   |
| Uranium    | 238-1 | 9153238  | 9337974  | 9151472  | 9214228  | 1.16   | cps   |
| Vanadium   | 51-2  | 662261   | 649839   | 636744   | 649615   | 1.96   | cps   |
| Yttrium    | 89-1  | 6122366  | 6319685  | 6262588  | 6234879  | 1.63   | cps   |
| Yttrium    | 89-2  | 886928   | 885745   | 864415   | 879030   | 1.44   | cps   |
| Zinc       | 66-2  | 224193   | 219872   | 215272   | 219779   | 2.03   | cps   |
| Zirconium  | 90-1  | 4914506  | 4983867  | 4886875  | 4928416  | 1.01   | cps   |

|                         |                     |                   |          |
|-------------------------|---------------------|-------------------|----------|
| LB Number :             | LB96130             | Operator :        | Jaswal   |
| Lab Sample ID :         | CCV31               | Instrumnet Name : | P7       |
| Client Sample ID :      | CCV31               | Dilution Factor : | 1        |
| Date & Time Acquired :: | 2018-06-19 18:22:17 | DataFile Name :   | 028CCV.d |

| Parameter | Mass | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|------|---------|---------|---------|---------|--------|-------|
| Zirconium | 91-1 | 1083842 | 1098857 | 1076738 | 1086479 | 1.04   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB31               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB31               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-06-19 18:28:25 | DataFile Name :   | 029CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 33      | 42      | 58      | 44      | 28.65  | cps   |
| Antimony   | 121-1 | 842     | 733     | 892     | 822     | 9.84   | cps   |
| Arsenic    | 75-2  | 11      | 6       | 7       | 8       | 35.21  | cps   |
| Barium     | 135-1 | 50      | 58      | 42      | 50      | 16.67  | cps   |
| Barium     | 137-1 | 108     | 108     | 108     | 108     | 0.00   | cps   |
| Beryllium  | 9-1   | 261     | 350     | 311     | 307     | 14.50  | cps   |
| Bismuth    | 209-1 | 4448187 | 4429414 | 4447491 | 4441697 | 0.24   | cps   |
| Bismuth    | 209-2 | 3052879 | 3066771 | 2983953 | 3034535 | 1.46   | cps   |
| Boron      | 10-1  | 1442    | 1717    | 1784    | 1647    | 11.00  | cps   |
| Boron      | 11-1  | 7694    | 7527    | 7377    | 7533    | 2.10   | cps   |
| Cadmium    | 111-1 | 1167    | 1114    | 1168    | 1150    | 2.71   | cps   |
| Cadmium    | 106-1 | 1650    | 1542    | 1642    | 1611    | 3.74   | cps   |
| Cadmium    | 108-1 | 13      | 4       | 8       | 8       | 49.98  | cps   |
| Calcium    | 43-1  | 200     | 117     | 133     | 150     | 29.40  | cps   |
| Calcium    | 44-1  | 5185    | 4793    | 4643    | 4873    | 5.74   | cps   |
| Chromium   | 52-2  | 127     | 183     | 163     | 158     | 18.22  | cps   |
| Cobalt     | 59-2  | 77      | 70      | 53      | 67      | 18.03  | cps   |
| Copper     | 63-2  | 663     | 663     | 580     | 636     | 7.57   | cps   |
| Dysprosium | 156-1 | 0       | 8       | 0       | 3       | 173.21 | cps   |
| Dysprosium | 156-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 33      | 50      | 8       | 31      | 68.64  | cps   |
| Erbium     | 164-2 | 20      | 3       | 13      | 12      | 68.66  | cps   |
| Gadolinium | 160-1 | 8       | 25      | 33      | 22      | 57.29  | cps   |
| Gadolinium | 160-2 | 67      | 103     | 133     | 101     | 33.02  | cps   |
| Holmium    | 165-1 | 6878650 | 6933393 | 6996003 | 6936015 | 0.85   | cps   |
| Holmium    | 165-2 | 4001150 | 4028339 | 3926234 | 3985241 | 1.33   | cps   |
| Indium     | 115-1 | 5678613 | 5660726 | 5757024 | 5698788 | 0.90   | cps   |
| Indium     | 115-2 | 1224734 | 1234049 | 1206075 | 1221619 | 1.17   | cps   |
| Iron       | 56-2  | 6957    | 6524    | 6413    | 6631    | 4.34   | cps   |
| Iron       | 57-2  | 361     | 406     | 472     | 413     | 13.54  | cps   |
| Lead       | 206-1 | 422     | 500     | 472     | 465     | 8.48   | cps   |
| Lead       | 207-1 | 456     | 356     | 367     | 393     | 13.96  | cps   |
| Lead       | 208-1 | 1861    | 1806    | 1822    | 1830    | 1.56   | cps   |
| Lithium    | 6-1   | 1347340 | 1359597 | 1379446 | 1362128 | 1.19   | cps   |
| Magnesium  | 24-2  | 1017    | 1083    | 1083    | 1061    | 3.63   | cps   |
| Manganese  | 55-2  | 77      | 63      | 80      | 73      | 12.03  | cps   |

LB Number : LB96130 Operator : Jaswal  
 Lab Sample ID : CCB31 Instrumnet Name : P7  
 Client Sample ID : CCB31 Dilution Factor : 1  
 Date & Time Acquired :: 2018-06-19 18:28:25 DataFile Name : 029CCBE.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD  | Units |
|------------|-------|---------|---------|---------|---------|---------|-------|
| Molybdenum | 94-1  | 425     | 408     | 300     | 378     | 17.97   | cps   |
| Molybdenum | 95-1  | 308     | 358     | 325     | 331     | 7.70    | cps   |
| Molybdenum | 96-1  | 392     | 417     | 225     | 344     | 30.25   | cps   |
| Molybdenum | 97-1  | 250     | 150     | 208     | 203     | 24.77   | cps   |
| Molybdenum | 98-1  | 442     | 492     | 325     | 419     | 20.39   | cps   |
| Neodymium  | 150-1 | 0       | 13      | 0       | 4       | 173.21  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Nickel     | 60-2  | 47      | 70      | 83      | 67      | 27.83   | cps   |
| Phosphorus | 31-2  | 142     | 133     | 83      | 119     | 26.41   | cps   |
| Potassium  | 39-2  | 24029   | 23328   | 23169   | 23508   | 1.95    | cps   |
| Rhodium    | 103-1 | 5141521 | 5102176 | 5180240 | 5141312 | 0.76    | cps   |
| Rhodium    | 103-2 | 2483191 | 2515023 | 2458524 | 2485579 | 1.14    | cps   |
| Scandium   | 45-1  | 3554507 | 3525534 | 3579304 | 3553115 | 0.76    | cps   |
| Scandium   | 45-2  | 154809  | 155586  | 153951  | 154782  | 0.53    | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00    | cps   |
| Selenium   | 78-2  | 35      | 67      | 48      | 50      | 31.64   | cps   |
| Selenium   | 82-1  | -15     | 49      | -55     | -7      | -755.78 | cps   |
| Silicon    | 28-1  | 242257  | 238496  | 241352  | 240702  | 0.82    | cps   |
| Silver     | 109-1 | 483     | 408     | 542     | 478     | 13.99   | cps   |
| Silver     | 107-1 | 525     | 500     | 417     | 481     | 11.80   | cps   |
| Sodium     | 23-2  | 25097   | 23177   | 24963   | 24412   | 4.39    | cps   |
| Strontium  | 86-1  | 367     | 283     | 508     | 386     | 29.46   | cps   |
| Strontium  | 88-1  | 183     | 150     | 200     | 178     | 14.32   | cps   |
| Sulfur     | 34-1  | 207399  | 202761  | 205092  | 205084  | 1.13    | cps   |
| Terbium    | 159-1 | 7173641 | 7204372 | 7288796 | 7222270 | 0.83    | cps   |
| Terbium    | 159-2 | 3990821 | 3997134 | 3890637 | 3959531 | 1.51    | cps   |
| Thallium   | 203-1 | 267     | 358     | 358     | 328     | 16.15   | cps   |
| Thallium   | 205-1 | 858     | 808     | 600     | 756     | 18.13   | cps   |
| Tin        | 118-1 | 575     | 692     | 467     | 578     | 19.48   | cps   |
| Titanium   | 47-1  | 150     | 125     | 83      | 119     | 28.20   | cps   |
| Uranium    | 238-1 | 133     | 142     | 83      | 119     | 26.41   | cps   |
| Vanadium   | 51-2  | 13      | 13      | 30      | 19      | 50.96   | cps   |
| Yttrium    | 89-1  | 6032026 | 6056836 | 6138982 | 6075948 | 0.92    | cps   |
| Yttrium    | 89-2  | 899774  | 906240  | 882315  | 896110  | 1.38    | cps   |
| Zinc       | 66-2  | 90      | 150     | 120     | 120     | 25.00   | cps   |
| Zirconium  | 90-1  | 658     | 525     | 575     | 586     | 11.49   | cps   |

|                         |                     |                   |           |
|-------------------------|---------------------|-------------------|-----------|
| LB Number :             | LB96130             | Operator :        | Jaswal    |
| Lab Sample ID :         | CCB31               | Instrumnet Name : | P7        |
| Client Sample ID :      | CCB31               | Dilution Factor : | 1         |
| Date & Time Acquired :: | 2018-06-19 18:28:25 | DataFile Name :   | 029CCBE.d |

| Parameter | Mass | CPS1 | CPS2 | CPS3 | CPSMean | CPSRSD | Units |
|-----------|------|------|------|------|---------|--------|-------|
| Zirconium | 91-1 | 167  | 125  | 158  | 150     | 14.70  | cps   |