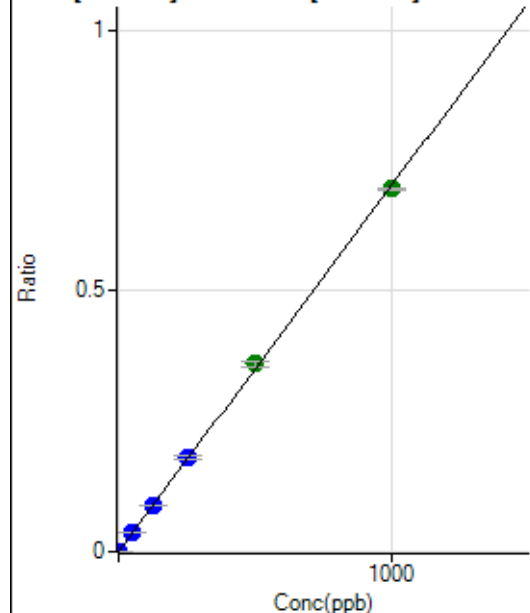


Batch Folder: D:\Agilent\ICPMH\1\DATA\P812222MS.b\  
Analysis File: P812222MS.batch.bin  
DA Date-Time: 2022-12-22 13:50:22  
Calibration Title:  
Calibration Method: External Calibration  
VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time      |
|-------|--------------------|-------------|---------------------|
| 1     | 004CALB.d          | S00         | 2022-12-22 10:07:34 |
| 2     | 005CALS.d          | S02         | 2022-12-22 10:10:43 |
| 3     | 006CALS.d          | S03         | 2022-12-22 10:13:54 |
| 4     | 007CALS.d          | S04         | 2022-12-22 10:17:01 |
| 5     | 008CALS.d          | S05         | 2022-12-22 10:20:09 |
| 6     | 009CALS.d          | S06         | 2022-12-22 10:23:16 |
| 7     | 010CALS.d          | S07         | 2022-12-22 10:26:24 |
| 8     | 011CALS.d          | S08         | 2022-12-22 10:29:31 |

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      | 27.08      | 0.0000 | P        | 31.3 |
| 2 | <input type="checkbox"/> | 1.000    | 1.033      | 3365.39    | 0.0007 | P        | 0.5  |
| 3 | <input type="checkbox"/> | 50.000   | 52.337     | 168328.99  | 0.0367 | P        | 1.2  |
| 4 | <input type="checkbox"/> | 125.000  | 127.352    | 406371.03  | 0.0894 | P        | 1.9  |
| 5 | <input type="checkbox"/> | 250.000  | 257.795    | 811240.91  | 0.1809 | P        | 2.8  |
| 6 | <input type="checkbox"/> | 500.000  | 513.064    | 1583397.27 | 0.3600 | A        | 2.6  |
| 7 | <input type="checkbox"/> | 1000.000 | 991.108    | 3013460.51 | 0.6954 | A        | 0.5  |
| 8 | <input type="checkbox"/> |          |            | 826.18     | 0.0002 | P        | 37.8 |

$$y = 7.0168\text{E-}004 * x + 5.8684\text{E-}006$$

$$R = 0.9998$$

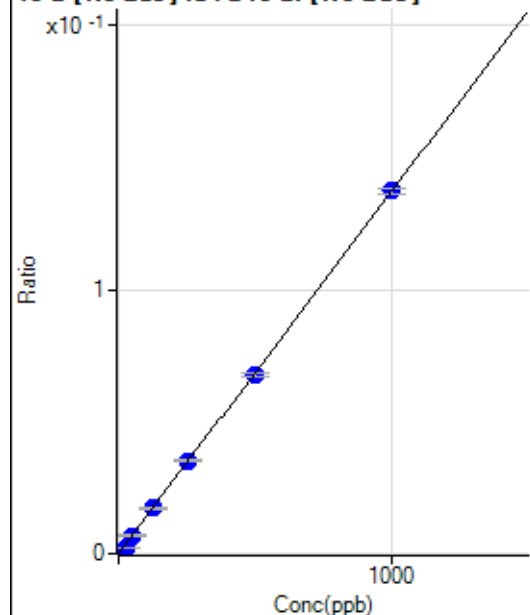
$$DL = 0.007863$$

$$BEC = 0.008363$$

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      | 320.61    | 0.0001 | P        | 9.0  |
| 2 | <input type="checkbox"/> | 25.000   | 16.406     | 10655.12  | 0.0023 | P        | 7.8  |
| 3 | <input type="checkbox"/> | 50.000   | 49.695     | 31495.44  | 0.0069 | P        | 6.2  |
| 4 | <input type="checkbox"/> | 125.000  | 125.546    | 78501.68  | 0.0173 | P        | 2.8  |
| 5 | <input type="checkbox"/> | 250.000  | 255.501    | 157299.43 | 0.0351 | P        | 2.2  |
| 6 | <input type="checkbox"/> | 500.000  | 493.718    | 297814.52 | 0.0677 | P        | 1.6  |
| 7 | <input type="checkbox"/> | 1000.000 | 1001.928   | 594970.71 | 0.1373 | P        | 1.6  |
| 8 | <input type="checkbox"/> |          |            | 42081.14  | 0.0105 | P        | 10.2 |

$$y = 1.3695\text{E-}004 * x + 6.9393\text{E-}005$$

$$R = 0.9999$$

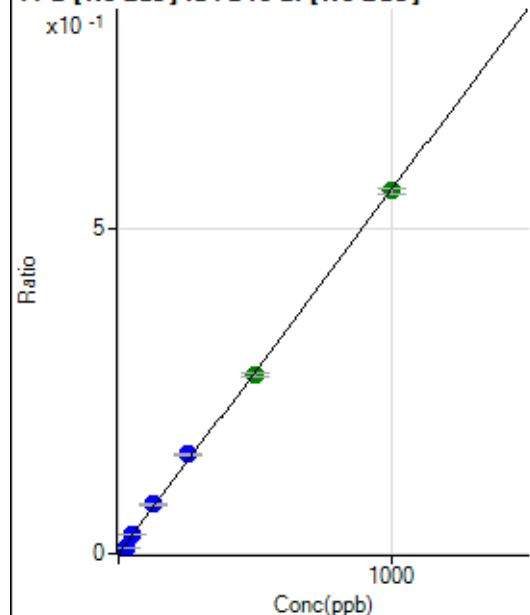
$$DL = 0.137$$

$$BEC = 0.5067$$

Weight: &lt;None&gt;

Min Conc: 0

11 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      | 1391.13    | 0.0003 | P        | 4.0  |
| 2 | <input type="checkbox"/> | 25.000   | 17.130     | 45557.98   | 0.0099 | P        | 6.1  |
| 3 | <input type="checkbox"/> | 50.000   | 52.947     | 137342.22  | 0.0300 | P        | 4.8  |
| 4 | <input type="checkbox"/> | 125.000  | 134.570    | 344347.71  | 0.0757 | P        | 3.9  |
| 5 | <input type="checkbox"/> | 250.000  | 272.897    | 687483.14  | 0.1533 | P        | 1.0  |
| 6 | <input type="checkbox"/> | 500.000  | 492.206    | 1215097.08 | 0.2762 | A        | 2.8  |
| 7 | <input type="checkbox"/> | 1000.000 | 997.026    | 2422990.84 | 0.5591 | A        | 1.2  |
| 8 | <input type="checkbox"/> |          |            | 183785.53  | 0.0457 | P        | 10.5 |

$$y = 5.6047E-004 * x + 3.0124E-004$$

$$R = 0.9996$$

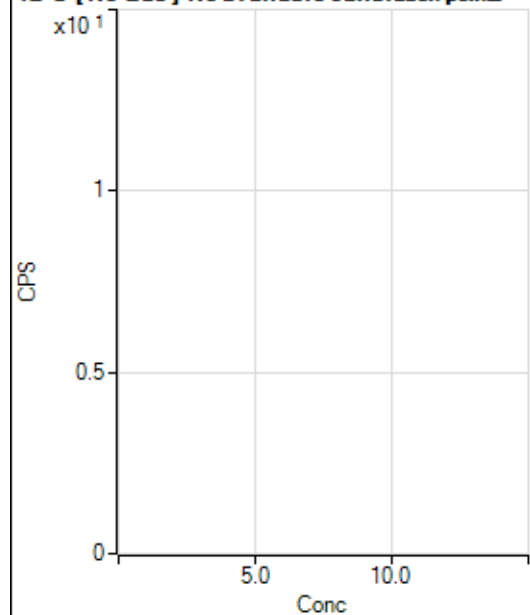
$$DL = 0.06423$$

$$BEC = 0.5375$$

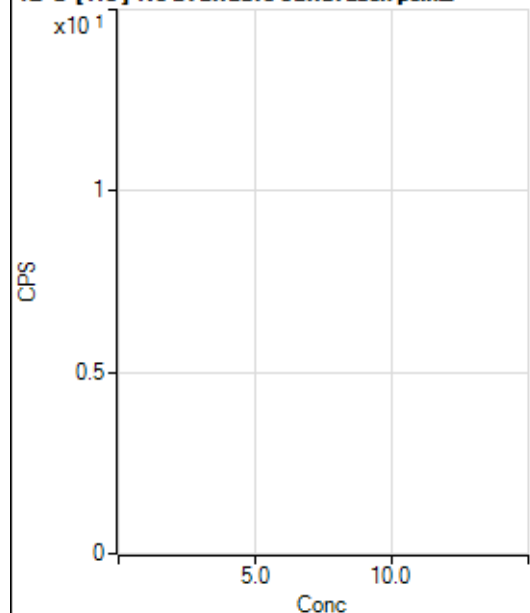
Weight: &lt;None&gt;

Min Conc: 0

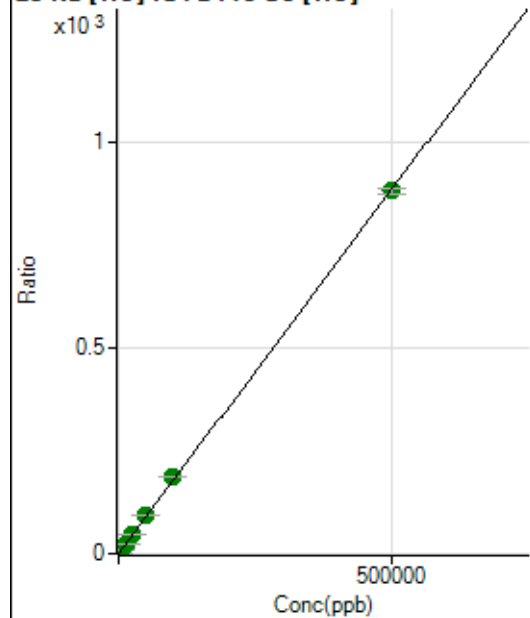
12 C [No Gas] No available calibration points



|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 6226952.96 |       | A        | 0.6 |
| 2 | <input type="checkbox"/> |       |            | 6285820.75 |       | A        | 0.9 |
| 3 | <input type="checkbox"/> |       |            | 6951134.27 |       | A        | 1.3 |
| 4 | <input type="checkbox"/> |       |            | 6872809.27 |       | A        | 1.8 |
| 5 | <input type="checkbox"/> |       |            | 7135758.06 |       | A        | 2.9 |
| 6 | <input type="checkbox"/> |       |            | 7158165.18 |       | A        | 1.1 |
| 7 | <input type="checkbox"/> |       |            | 7299116.05 |       | A        | 0.9 |
| 8 | <input type="checkbox"/> |       |            | 7029342.60 |       | A        | 2.7 |

**12 C [He] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS      | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|----------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 74706.58 |       | P        | 1.2 |
| 2 | <input type="checkbox"/> |       |            | 76200.25 |       | P        | 0.3 |
| 3 | <input type="checkbox"/> |       |            | 87812.32 |       | P        | 1.2 |
| 4 | <input type="checkbox"/> |       |            | 86795.02 |       | P        | 1.0 |
| 5 | <input type="checkbox"/> |       |            | 90712.40 |       | P        | 1.6 |
| 6 | <input type="checkbox"/> |       |            | 88125.11 |       | P        | 1.6 |
| 7 | <input type="checkbox"/> |       |            | 93049.67 |       | P        | 2.1 |
| 8 | <input type="checkbox"/> |       |            | 93600.08 |       | P        | 0.5 |

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det<br>. | RSD |
|---|--------------------------|-----------|------------|-------------|----------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 28673.21    | 0.1438   | P        | 1.9 |
| 2 | <input type="checkbox"/> | 500.000   | 481.195    | 199414.07   | 0.9935   | P        | 2.1 |
| 3 | <input type="checkbox"/> | 5000.000  | 5379.788   | 1920019.53  | 9.6433   | A        | 0.7 |
| 4 | <input type="checkbox"/> | 12500.000 | 13001.039  | 4477230.87  | 23.1006  | A        | 1.8 |
| 5 | <input type="checkbox"/> | 25000.000 | 26665.598  | 9184494.56  | 47.2290  | A        | 0.5 |
| 6 | <input type="checkbox"/> | 50000.000 | 52274.688  | 18077356.14 | 92.4487  | A        | 1.1 |
| 7 | <input type="checkbox"/> | 100000.00 | 105845.45  | 36842127.91 | 187.0422 | A        | 1.9 |
| 8 | <input type="checkbox"/> | 500000.00 | 498503.85  | 180165363.7 | 880.3852 | A        | 1.3 |

$$y = 0.0018 * x + 0.1438$$

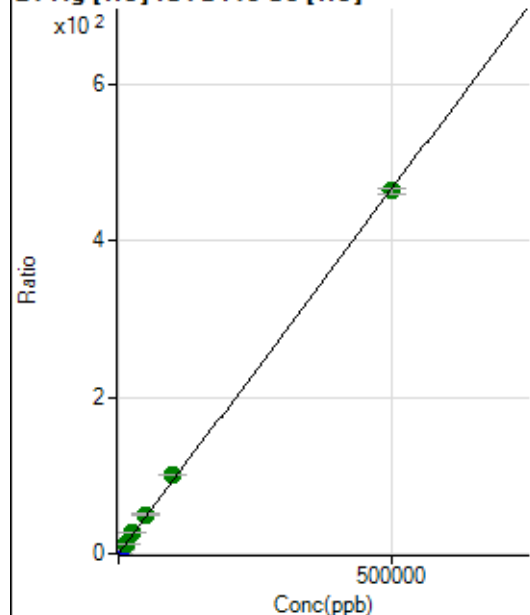
$$R = 0.9999$$

$$DL = 4.587$$

$$BEC = 81.44$$

Weight: &lt;None&gt;

Min Conc: 0

**24 Mg [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      | 380.57      | 0.0019   | P    | 18.9 |
| 2 | <input type="checkbox"/> | 500.000   | 496.228    | 93194.95    | 0.4643   | P    | 2.6  |
| 3 | <input type="checkbox"/> | 5000.000  | 5618.008   | 1042715.19  | 5.2369   | P    | 1.4  |
| 4 | <input type="checkbox"/> | 12500.000 | 13820.086  | 2496132.78  | 12.8798  | A    | 2.2  |
| 5 | <input type="checkbox"/> | 25000.000 | 27982.325  | 5070422.68  | 26.0765  | A    | 1.3  |
| 6 | <input type="checkbox"/> | 50000.000 | 54065.093  | 9850386.85  | 50.3811  | A    | 2.6  |
| 7 | <input type="checkbox"/> | 100000.00 | 108567.36  | 19926856.35 | 101.1677 | A    | 0.4  |
| 8 | <input type="checkbox"/> | 500000.00 | 497691.72  | 94909851.43 | 463.7636 | A    | 1.7  |

$$y = 9.3183\text{E-}004 * x + 0.0019$$

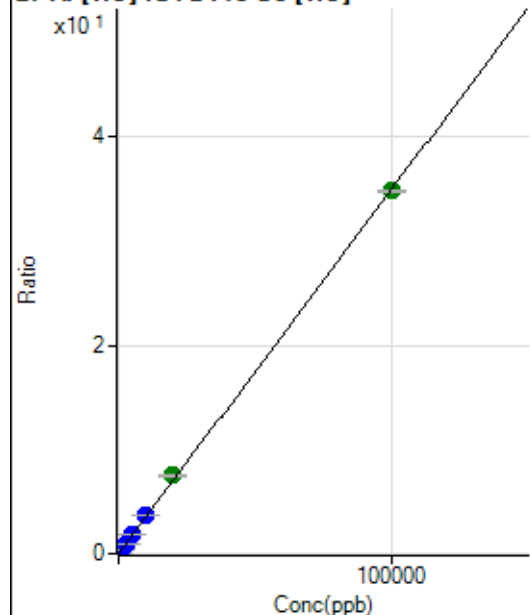
$$R = 0.9998$$

$$DL = 1.162$$

$$BEC = 2.049$$

Weight: &lt;None&gt;

Min Conc: 0

**27 Al [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      | 78.74      | 0.0004  | P    | 20.5 |
| 2 | <input type="checkbox"/> | 20.000    | 20.223     | 1498.65    | 0.0075  | P    | 2.7  |
| 3 | <input type="checkbox"/> | 1000.000  | 1092.565   | 76132.74   | 0.3824  | P    | 1.1  |
| 4 | <input type="checkbox"/> | 2500.000  | 2642.586   | 179125.36  | 0.9243  | P    | 3.0  |
| 5 | <input type="checkbox"/> | 5000.000  | 5345.985   | 363518.30  | 1.8695  | P    | 1.9  |
| 6 | <input type="checkbox"/> | 10000.000 | 10421.126  | 712469.13  | 3.6438  | P    | 2.0  |
| 7 | <input type="checkbox"/> | 20000.000 | 21528.757  | 1482710.93 | 7.5273  | A    | 2.4  |
| 8 | <input type="checkbox"/> | 100000.00 | 99630.346  | 7128525.45 | 34.8330 | A    | 0.6  |

$$y = 3.4962\text{E-}004 * x + 3.9474\text{E-}004$$

$$R = 0.9999$$

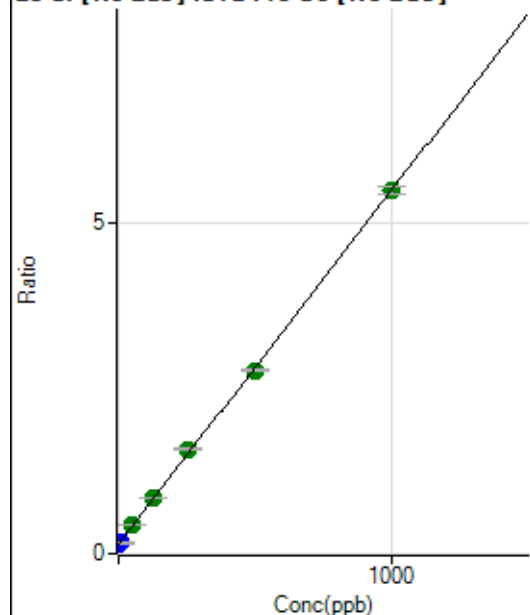
$$DL = 0.6942$$

$$BEC = 1.129$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|-------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 807691.19   | 0.1452 | P   | 1.2 |
| 2 | <input type="checkbox"/> | 10.000   | 2.857      | 874145.35   | 0.1605 | P   | 2.1 |
| 3 | <input type="checkbox"/> | 50.000   | 55.177     | 2420534.82  | 0.4409 | A   | 2.4 |
| 4 | <input type="checkbox"/> | 125.000  | 130.988    | 4676267.25  | 0.8471 | A   | 2.6 |
| 5 | <input type="checkbox"/> | 250.000  | 268.848    | 8699356.53  | 1.5858 | A   | 1.0 |
| 6 | <input type="checkbox"/> | 500.000  | 491.378    | 15148895.30 | 2.7782 | A   | 0.4 |
| 7 | <input type="checkbox"/> | 1000.000 | 998.663    | 30050463.87 | 5.4963 | A   | 2.2 |
| 8 | <input type="checkbox"/> |          |            | 936145.38   | 0.1749 | A   | 4.9 |

$$y = 0.0054 * x + 0.1452$$

$$R = 0.9997$$

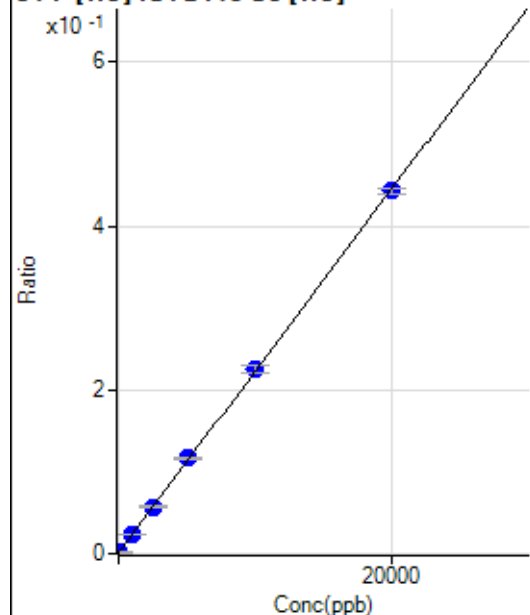
$$DL = 1.016$$

$$BEC = 27.1$$

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     | -12.015    | 144.45   | 0.0007 | P   | 17.5 |
| 2 | <input type="checkbox"/> | 0.000     | 12.015     | 252.79   | 0.0013 | P   | 30.5 |
| 3 | <input type="checkbox"/> | 1000.000  | 1035.354   | 4773.15  | 0.0240 | P   | 4.9  |
| 4 | <input type="checkbox"/> | 2500.000  | 2523.125   | 11046.21 | 0.0570 | P   | 2.6  |
| 5 | <input type="checkbox"/> | 5000.000  | 5207.282   | 22670.98 | 0.1166 | P   | 1.9  |
| 6 | <input type="checkbox"/> | 10000.000 | 10062.531  | 43861.48 | 0.2244 | P   | 4.2  |
| 7 | <input type="checkbox"/> | 20000.000 | 19912.256  | 87268.33 | 0.4430 | P   | 1.7  |
| 8 | <input type="checkbox"/> |           |            | 213.90   | 0.0010 | P   | 8.6  |

$$y = 2.2198E-005 * x + 9.9113E-004$$

$$R = 0.9999$$

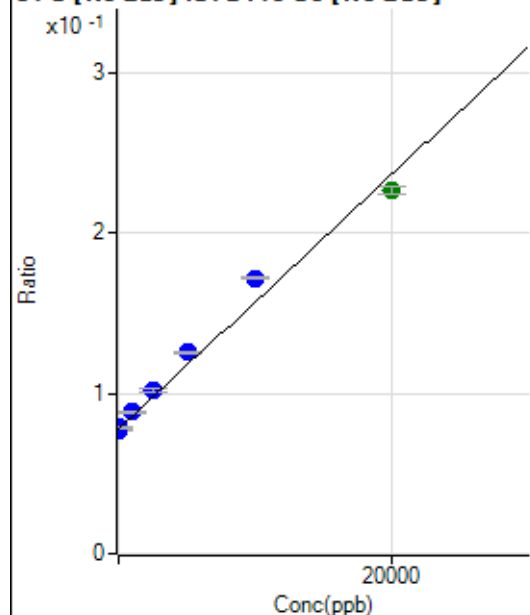
$$DL = 34.5$$

$$BEC = 44.65$$

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<br>. | RSD |
|---|--------------------------|-----------|------------|------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | -149.443   | 426302.45  | 0.0766 | P        | 0.7 |
| 2 | <input type="checkbox"/> | 0.000     | 149.443    | 430355.19  | 0.0790 | P        | 1.5 |
| 3 | <input type="checkbox"/> | 1000.000  | 1339.962   | 485925.02  | 0.0885 | P        | 1.3 |
| 4 | <input type="checkbox"/> | 2500.000  | 3057.795   | 563909.54  | 0.1022 | P        | 3.1 |
| 5 | <input type="checkbox"/> | 5000.000  | 6060.006   | 691431.40  | 0.1260 | P        | 1.0 |
| 6 | <input type="checkbox"/> | 10000.000 | 11884.826  | 939883.17  | 0.1724 | P        | 1.2 |
| 7 | <input type="checkbox"/> | 20000.000 | 18705.863  | 1239012.85 | 0.2266 | A        | 2.3 |
| 8 | <input type="checkbox"/> |           |            | 372209.80  | 0.0695 | P        | 2.9 |

$$y = 7.9541\text{E-}006 * x + 0.0778$$

$$R = 0.9911$$

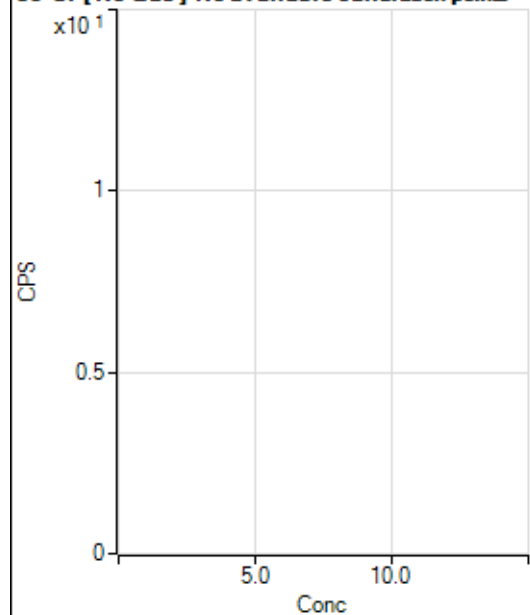
$$DL = 326.3$$

$$BEC = 9786$$

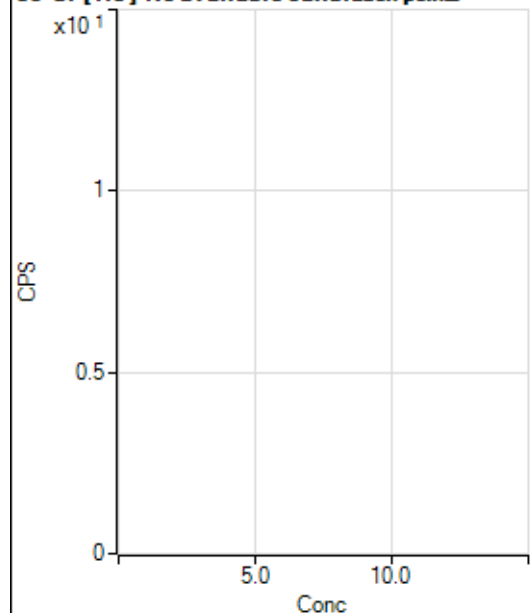
Weight: &lt;None&gt;

Min Conc: 0

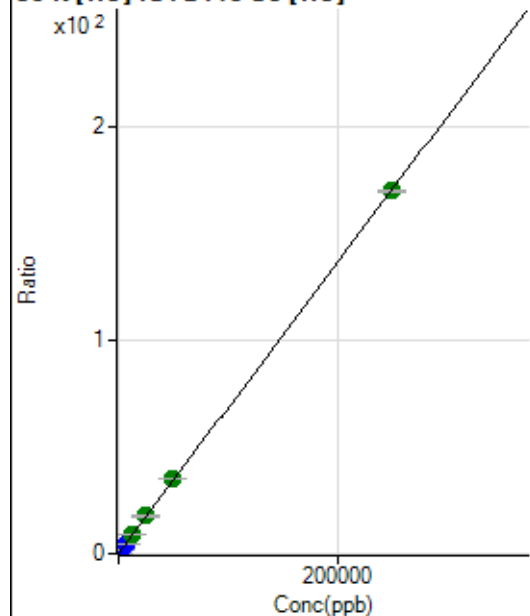
35 Cl [No Gas] No available calibration points



|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 102385.92 |       | P        | 1.1 |
| 2 | <input type="checkbox"/> |       |            | 108933.03 |       | P        | 0.8 |
| 3 | <input type="checkbox"/> |       |            | 115564.33 |       | P        | 0.3 |
| 4 | <input type="checkbox"/> |       |            | 115724.11 |       | P        | 1.5 |
| 5 | <input type="checkbox"/> |       |            | 117081.85 |       | P        | 0.5 |
| 6 | <input type="checkbox"/> |       |            | 114615.38 |       | P        | 0.1 |
| 7 | <input type="checkbox"/> |       |            | 122336.28 |       | P        | 0.2 |
| 8 | <input type="checkbox"/> |       |            | 113033.69 |       | P        | 0.7 |

**35 Cl [He] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 700.04 |       | P        | 11.5 |
| 2 | <input type="checkbox"/> |       |            | 819.49 |       | P        | 11.2 |
| 3 | <input type="checkbox"/> |       |            | 852.83 |       | P        | 5.6  |
| 4 | <input type="checkbox"/> |       |            | 891.72 |       | P        | 6.1  |
| 5 | <input type="checkbox"/> |       |            | 902.83 |       | P        | 12.0 |
| 6 | <input type="checkbox"/> |       |            | 852.82 |       | P        | 9.2  |
| 7 | <input type="checkbox"/> |       |            | 938.95 |       | P        | 6.8  |
| 8 | <input type="checkbox"/> |       |            | 866.72 |       | P        | 8.5  |

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det<br>. | RSD |
|---|--------------------------|-----------|------------|-------------|----------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 23007.86    | 0.1154   | P        | 2.7 |
| 2 | <input type="checkbox"/> | 500.000   | 463.550    | 86495.57    | 0.4309   | P        | 0.7 |
| 3 | <input type="checkbox"/> | 2500.000  | 2562.459   | 370197.46   | 1.8594   | P        | 1.0 |
| 4 | <input type="checkbox"/> | 6250.000  | 6242.283   | 845728.63   | 4.3638   | P        | 2.2 |
| 5 | <input type="checkbox"/> | 12500.000 | 13110.163  | 1757528.27  | 9.0381   | A        | 0.2 |
| 6 | <input type="checkbox"/> | 25000.000 | 25838.367  | 3460695.78  | 17.7008  | A        | 3.0 |
| 7 | <input type="checkbox"/> | 50000.000 | 51178.500  | 6883814.91  | 34.9471  | A        | 0.7 |
| 8 | <input type="checkbox"/> | 250000.00 | 249649.59  | 34795739.67 | 170.0252 | A        | 0.3 |

$$y = 6.8059\text{E-}004 * x + 0.1154$$

$$R = 1.0000$$

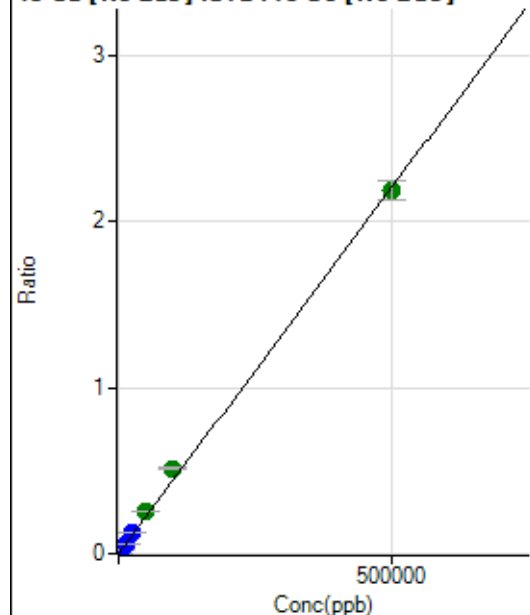
$$DL = 13.65$$

$$BEC = 169.5$$

Weight: &lt;None&gt;

Min Conc: 0



**43 Ca [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      | 158.73      | 0.0000 | P    | 8.0 |
| 2 | <input type="checkbox"/> | 500.000   | 475.999    | 11568.63    | 0.0021 | P    | 3.0 |
| 3 | <input type="checkbox"/> | 5000.000  | 5762.627   | 139466.37   | 0.0254 | P    | 2.3 |
| 4 | <input type="checkbox"/> | 12500.000 | 14111.526  | 343230.40   | 0.0622 | P    | 2.1 |
| 5 | <input type="checkbox"/> | 25000.000 | 28704.658  | 693614.29   | 0.1264 | P    | 0.5 |
| 6 | <input type="checkbox"/> | 50000.000 | 57924.918  | 1390932.74  | 0.2551 | A    | 1.8 |
| 7 | <input type="checkbox"/> | 100000.00 | 116139.05  | 2796354.78  | 0.5114 | A    | 2.2 |
| 8 | <input type="checkbox"/> | 500000.00 | 495746.57  | 11684254.70 | 2.1830 | A    | 5.2 |

$$y = 4.4033\text{E-}006 * x + 2.8543\text{E-}005$$

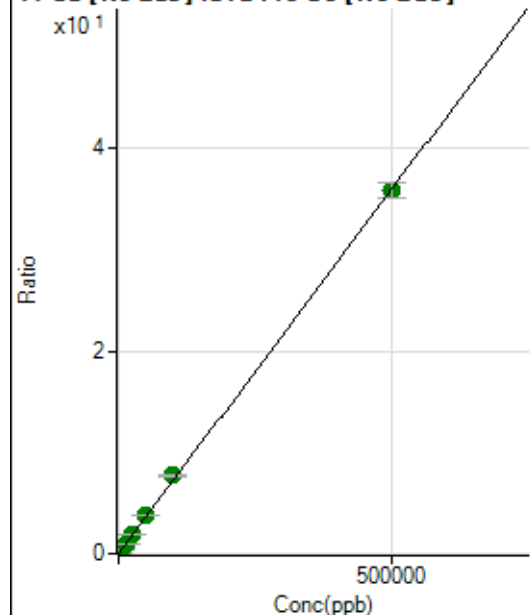
$$R = 0.9994$$

$$DL = 1.562$$

$$BEC = 6.482$$

Weight: &lt;None&gt;

Min Conc: 0

**44 Ca [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      | 11560.32    | 0.0021  | P    | 0.9 |
| 2 | <input type="checkbox"/> | 500.000   | 473.341    | 196590.55   | 0.0361  | P    | 3.5 |
| 3 | <input type="checkbox"/> | 5000.000  | 5499.807   | 2182818.71  | 0.3975  | A    | 2.5 |
| 4 | <input type="checkbox"/> | 12500.000 | 13361.538  | 5316550.44  | 0.9627  | A    | 0.8 |
| 5 | <input type="checkbox"/> | 25000.000 | 27214.226  | 10746257.67 | 1.9587  | A    | 3.4 |
| 6 | <input type="checkbox"/> | 50000.000 | 52750.390  | 20692083.52 | 3.7946  | A    | 0.7 |
| 7 | <input type="checkbox"/> | 100000.00 | 107053.86  | 42097789.51 | 7.6988  | A    | 1.1 |
| 8 | <input type="checkbox"/> | 500000.00 | 498176.96  | 191758607.1 | 35.8190 | A    | 4.3 |

$$y = 7.1896\text{E-}005 * x + 0.0021$$

$$R = 0.9999$$

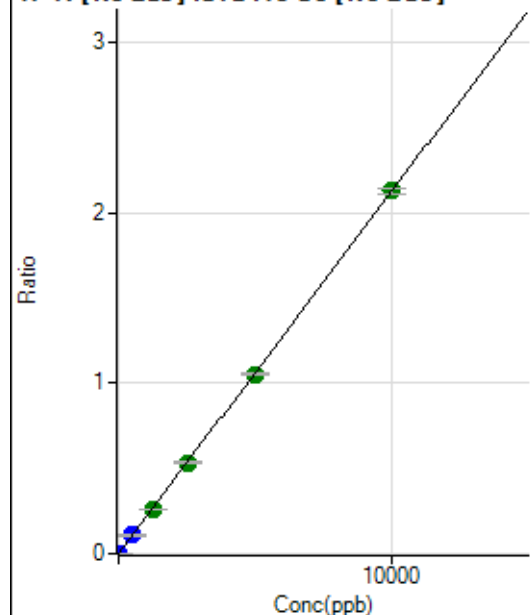
$$DL = 0.7818$$

$$BEC = 28.91$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 266.67      | 0.0000 | P        | 14.7 |
| 2 | <input type="checkbox"/> | 5.000     | 4.591      | 5567.90     | 0.0010 | P        | 11.5 |
| 3 | <input type="checkbox"/> | 500.000   | 508.027    | 592985.07   | 0.1080 | P        | 1.9  |
| 4 | <input type="checkbox"/> | 1250.000  | 1238.897   | 1454080.50  | 0.2633 | A        | 1.0  |
| 5 | <input type="checkbox"/> | 2500.000  | 2510.270   | 2926630.10  | 0.5335 | A        | 1.4  |
| 6 | <input type="checkbox"/> | 5000.000  | 4960.312   | 5747640.02  | 1.0541 | A        | 1.1  |
| 7 | <input type="checkbox"/> | 10000.000 | 10018.263  | 11641128.30 | 2.1289 | A        | 1.8  |
| 8 | <input type="checkbox"/> |           |            | 3864.60     | 0.0007 | P        | 25.4 |

$$y = 2.1250E-004 * x + 4.7967E-005$$

$$R = 1.0000$$

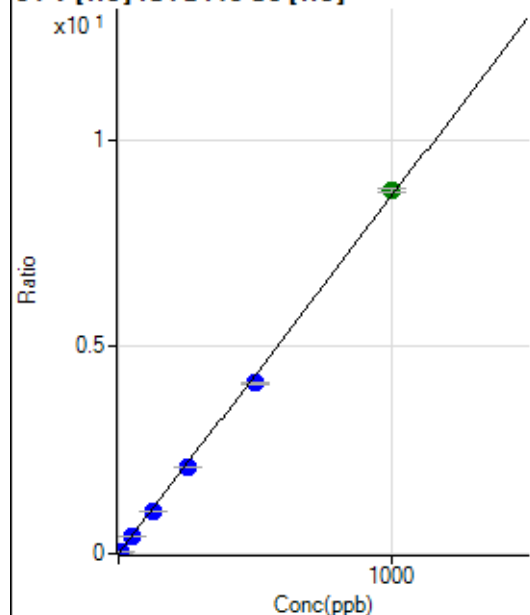
$$DL = 0.09981$$

$$BEC = 0.2257$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 5.55       | 0.0000 | P        | 69.7 |
| 2 | <input type="checkbox"/> | 5.000    | 4.293      | 7456.46    | 0.0372 | P        | 3.6  |
| 3 | <input type="checkbox"/> | 50.000   | 47.683     | 82097.42   | 0.4123 | P        | 1.6  |
| 4 | <input type="checkbox"/> | 125.000  | 117.336    | 196632.83  | 1.0146 | P        | 2.1  |
| 5 | <input type="checkbox"/> | 250.000  | 241.325    | 405764.75  | 2.0866 | P        | 1.6  |
| 6 | <input type="checkbox"/> | 500.000  | 477.134    | 806684.76  | 4.1256 | P        | 1.6  |
| 7 | <input type="checkbox"/> | 1000.000 | 1014.679   | 1728179.42 | 8.7734 | A        | 1.1  |
| 8 | <input type="checkbox"/> |          |            | 416.68     | 0.0020 | P        | 14.0 |

$$y = 0.0086 * x + 2.7894E-005$$

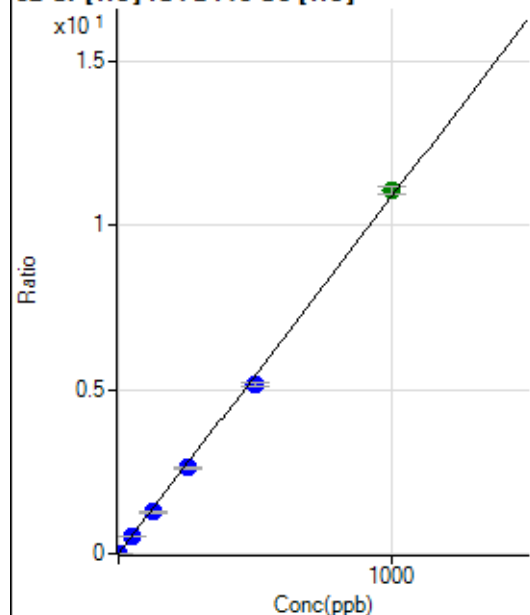
$$R = 0.9996$$

$$DL = 0.006745$$

$$BEC = 0.003226$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio   | Det<br>. | RSD |
|---|--------------------------|----------|------------|------------|---------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 663.36     | 0.0033  | P        | 9.7 |
| 2 | <input type="checkbox"/> | 2.000    | 1.737      | 4458.52    | 0.0222  | P        | 3.3 |
| 3 | <input type="checkbox"/> | 50.000   | 47.458     | 103390.83  | 0.5193  | P        | 1.1 |
| 4 | <input type="checkbox"/> | 125.000  | 116.786    | 246719.93  | 1.2730  | P        | 2.4 |
| 5 | <input type="checkbox"/> | 250.000  | 240.094    | 508204.76  | 2.6136  | P        | 2.1 |
| 6 | <input type="checkbox"/> | 500.000  | 473.638    | 1007495.84 | 5.1527  | P        | 1.9 |
| 7 | <input type="checkbox"/> | 1000.000 | 1016.812   | 2178310.82 | 11.0580 | A        | 2.0 |
| 8 | <input type="checkbox"/> |          |            | 13643.27   | 0.0667  | P        | 0.8 |

$$y = 0.0109 * x + 0.0033$$

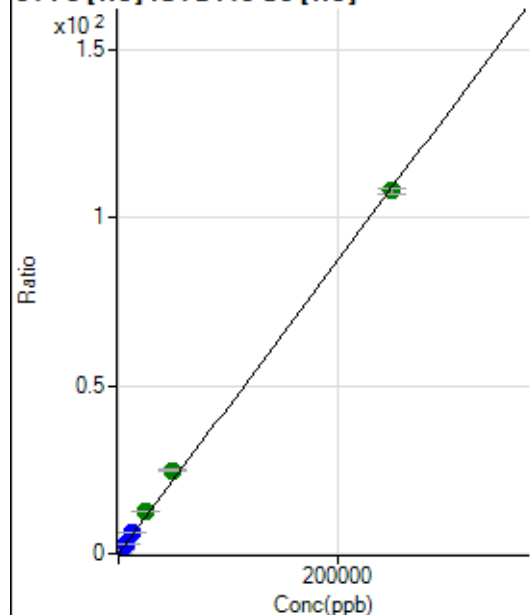
$$R = 0.9994$$

$$DL = 0.08929$$

$$BEC = 0.306$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det<br>. | RSD |
|---|--------------------------|-----------|------------|-------------|----------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 677.81      | 0.0034   | P        | 1.8 |
| 2 | <input type="checkbox"/> | 50.000    | 50.210     | 5071.36     | 0.0253   | P        | 4.5 |
| 3 | <input type="checkbox"/> | 2500.000  | 2772.849   | 241145.65   | 1.2112   | P        | 1.5 |
| 4 | <input type="checkbox"/> | 6250.000  | 6813.205   | 575802.89   | 2.9710   | P        | 1.9 |
| 5 | <input type="checkbox"/> | 12500.000 | 13995.423  | 1186053.79  | 6.0994   | P        | 1.8 |
| 6 | <input type="checkbox"/> | 25000.000 | 28870.979  | 2459661.14  | 12.5787  | A        | 1.3 |
| 7 | <input type="checkbox"/> | 50000.000 | 56841.657  | 4877574.47  | 24.7618  | A        | 1.8 |
| 8 | <input type="checkbox"/> | 250000.00 | 248152.99  | 22119971.56 | 108.0909 | A        | 1.6 |

$$y = 4.3557E-004 * x + 0.0034$$

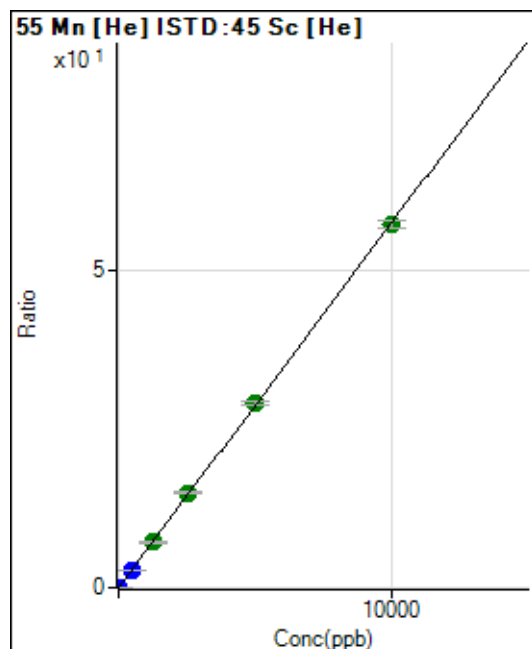
$$R = 0.9995$$

$$DL = 0.4191$$

$$BEC = 7.805$$

Weight: &lt;None&gt;

Min Conc: 0



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio   | Det<br>. | RSD  |
|---|--------------------------|-----------|------------|-------------|---------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 57.78       | 0.0003  | P        | 20.6 |
| 2 | <input type="checkbox"/> | 1.000     | 1.010      | 1222.29     | 0.0061  | P        | 12.0 |
| 3 | <input type="checkbox"/> | 500.000   | 492.119    | 562852.68   | 2.8269  | P        | 0.8  |
| 4 | <input type="checkbox"/> | 1250.000  | 1258.460   | 1400992.79  | 7.2286  | A        | 3.7  |
| 5 | <input type="checkbox"/> | 2500.000  | 2586.353   | 2888866.28  | 14.8556 | A        | 2.0  |
| 6 | <input type="checkbox"/> | 5000.000  | 5063.598   | 5686921.30  | 29.0843 | A        | 2.5  |
| 7 | <input type="checkbox"/> | 10000.000 | 9945.949   | 11253050.39 | 57.1273 | A        | 2.3  |
| 8 | <input type="checkbox"/> |           |            | 10814.19    | 0.0528  | P        | 0.8  |

$$y = 0.0057 * x + 2.8993E-004$$

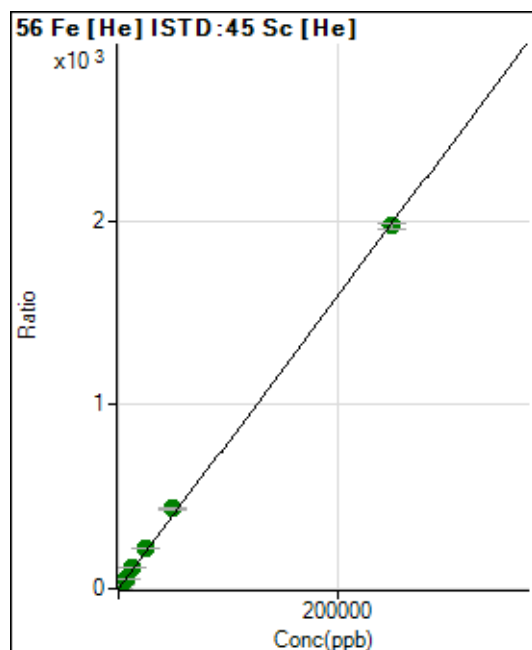
$$R = 0.9999$$

$$DL = 0.0312$$

$$BEC = 0.05048$$

Weight: <None>

Min Conc: 0



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio     | Det<br>. | RSD |
|---|--------------------------|-----------|------------|-------------|-----------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 4089.54     | 0.0205    | P        | 3.4 |
| 2 | <input type="checkbox"/> | 50.000    | 49.462     | 82957.20    | 0.4133    | P        | 3.5 |
| 3 | <input type="checkbox"/> | 2500.000  | 2825.705   | 4472183.23  | 22.4620   | A        | 2.1 |
| 4 | <input type="checkbox"/> | 6250.000  | 6972.051   | 10735079.64 | 55.3919   | A        | 3.3 |
| 5 | <input type="checkbox"/> | 12500.000 | 14436.433  | 22298490.31 | 114.6733  | A        | 2.1 |
| 6 | <input type="checkbox"/> | 25000.000 | 27685.853  | 42996279.66 | 219.8989  | A        | 2.1 |
| 7 | <input type="checkbox"/> | 50000.000 | 54963.471  | 85987308.40 | 436.5351  | A        | 2.2 |
| 8 | <input type="checkbox"/> | 250000.00 | 248620.59  | 404072668.2 | 1,974.541 | A        | 1.5 |

$$y = 0.0079 * x + 0.0205$$

$$R = 0.9998$$

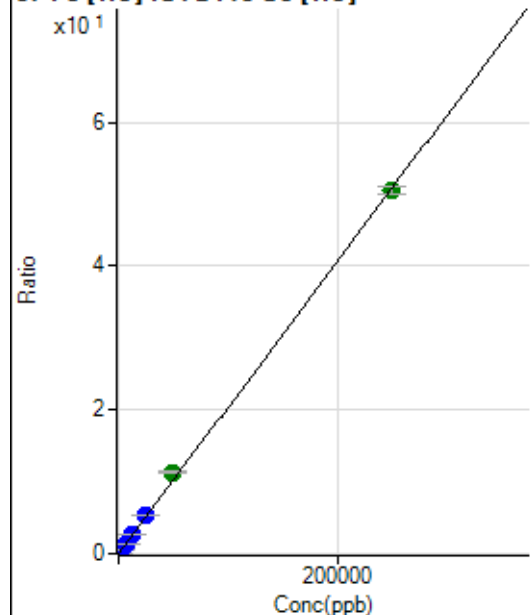
$$DL = 0.2654$$

$$BEC = 2.583$$

Weight: <None>

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio   | Det | RSD  |
|---|--------------------------|-----------|------------|-------------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 275.94      | 0.0014  | P   | 12.0 |
| 2 | <input type="checkbox"/> | 50.000    | 49.056     | 2276.15     | 0.0113  | P   | 6.4  |
| 3 | <input type="checkbox"/> | 2500.000  | 2664.046   | 107953.91   | 0.5422  | P   | 1.9  |
| 4 | <input type="checkbox"/> | 6250.000  | 6592.438   | 259651.75   | 1.3397  | P   | 2.6  |
| 5 | <input type="checkbox"/> | 12500.000 | 13444.901  | 530943.93   | 2.7308  | P   | 2.2  |
| 6 | <input type="checkbox"/> | 25000.000 | 26341.731  | 1045793.57  | 5.3489  | P   | 2.6  |
| 7 | <input type="checkbox"/> | 50000.000 | 55785.074  | 2231004.98  | 11.3260 | A   | 1.3  |
| 8 | <input type="checkbox"/> | 250000.00 | 248651.36  | 10330172.22 | 50.4787 | A   | 2.0  |

$$y = 2.0300\text{E-}004 * x + 0.0014$$

$$R = 0.9997$$

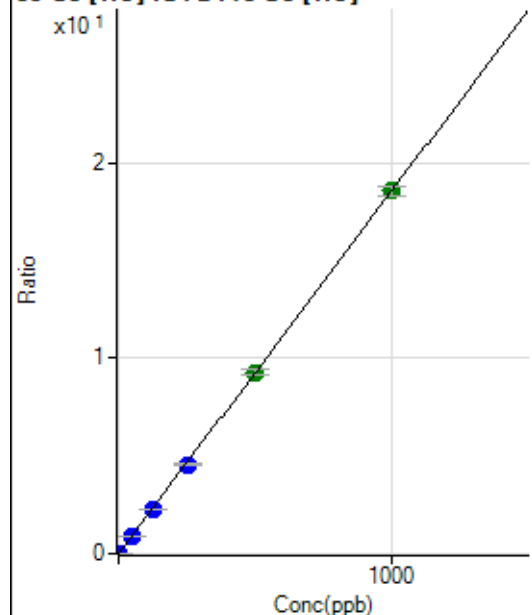
$$DL = 2.455$$

$$BEC = 6.819$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio   | Det | RSD  |
|---|--------------------------|----------|------------|------------|---------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 84.44      | 0.0004  | P   | 14.2 |
| 2 | <input type="checkbox"/> | 1.000    | 0.928      | 3538.25    | 0.0176  | P   | 3.5  |
| 3 | <input type="checkbox"/> | 50.000   | 49.089     | 181209.95  | 0.9101  | P   | 1.6  |
| 4 | <input type="checkbox"/> | 125.000  | 121.457    | 436309.18  | 2.2512  | P   | 2.2  |
| 5 | <input type="checkbox"/> | 250.000  | 246.345    | 887793.25  | 4.5656  | P   | 1.0  |
| 6 | <input type="checkbox"/> | 500.000  | 500.512    | 1813466.85 | 9.2757  | A   | 3.2  |
| 7 | <input type="checkbox"/> | 1000.000 | 1001.146   | 3654990.78 | 18.5532 | A   | 2.5  |
| 8 | <input type="checkbox"/> |          |            | 3208.17    | 0.0157  | P   | 3.4  |

$$y = 0.0185 * x + 4.2366\text{E-}004$$

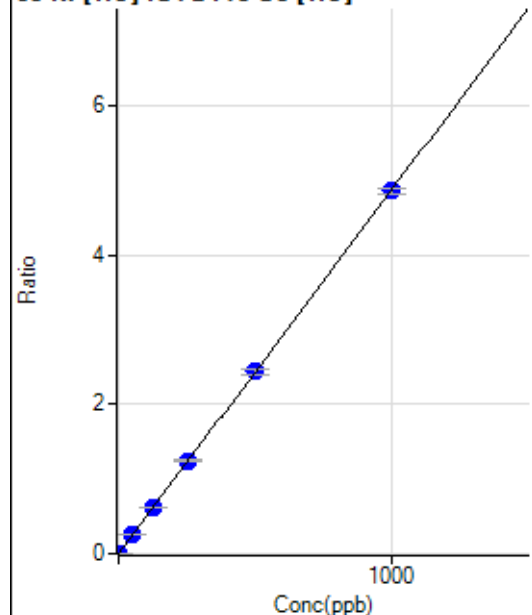
$$R = 1.0000$$

$$DL = 0.00975$$

$$BEC = 0.02286$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|-----------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 53.33     | 0.0003 | P   | 6.1 |
| 2 | <input type="checkbox"/> | 1.000    | 0.945      | 976.71    | 0.0049 | P   | 2.9 |
| 3 | <input type="checkbox"/> | 50.000   | 51.599     | 50047.86  | 0.2514 | P   | 1.2 |
| 4 | <input type="checkbox"/> | 125.000  | 127.294    | 120111.38 | 0.6197 | P   | 1.7 |
| 5 | <input type="checkbox"/> | 250.000  | 255.675    | 241995.75 | 1.2445 | P   | 2.1 |
| 6 | <input type="checkbox"/> | 500.000  | 500.465    | 476218.24 | 2.4357 | P   | 2.8 |
| 7 | <input type="checkbox"/> | 1000.000 | 997.982    | 956748.55 | 4.8568 | P   | 1.5 |
| 8 | <input type="checkbox"/> |          |            | 2605.82   | 0.0127 | P   | 6.0 |

$$y = 0.0049 * x + 2.6748E-004$$

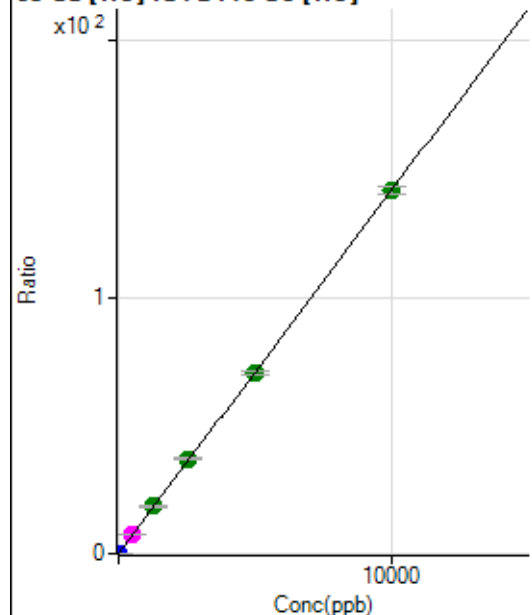
$$R = 1.0000$$

$$DL = 0.0101$$

$$BEC = 0.05497$$

Weight: &lt;None&gt;

Min Conc: 0

**63 Cu [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      | 966.71      | 0.0048   | P   | 4.7 |
| 2 | <input type="checkbox"/> | 2.000     | 1.866      | 6283.67     | 0.0313   | P   | 4.2 |
| 3 | <input type="checkbox"/> | 500.000   | 518.466    | 1464427.91  | 7.3545   | M   | 5.2 |
| 4 | <input type="checkbox"/> | 1250.000  | 1300.476   | 3573714.91  | 18.4402  | A   | 2.5 |
| 5 | <input type="checkbox"/> | 2500.000  | 2599.704   | 7167133.64  | 36.8579  | A   | 1.9 |
| 6 | <input type="checkbox"/> | 5000.000  | 4968.529   | 13772213.83 | 70.4380  | A   | 2.2 |
| 7 | <input type="checkbox"/> | 10000.000 | 9983.577   | 27881334.03 | 141.5306 | A   | 2.0 |
| 8 | <input type="checkbox"/> |           |            | 7298.61     | 0.0357   | P   | 1.3 |

$$y = 0.0142 * x + 0.0048$$

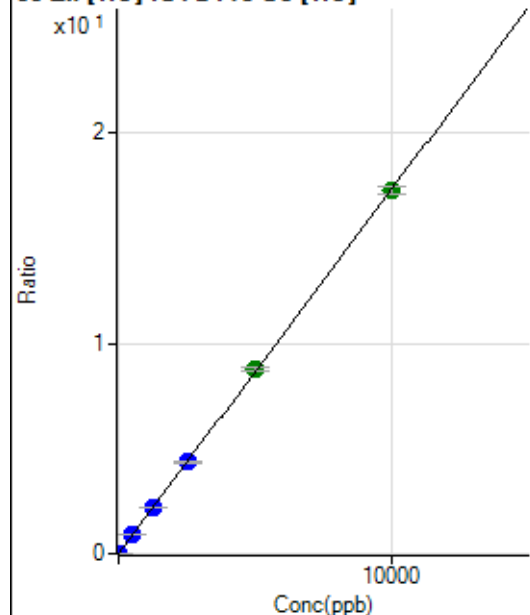
$$R = 0.9999$$

$$DL = 0.04807$$

$$BEC = 0.342$$

Weight: &lt;None&gt;

Min Conc: 0

**66 Zn [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      | 144.45     | 0.0007  | P   | 7.2 |
| 2 | <input type="checkbox"/> | 2.000     | 2.124      | 884.48     | 0.0044  | P   | 6.0 |
| 3 | <input type="checkbox"/> | 500.000   | 512.508    | 177010.67  | 0.8891  | P   | 1.0 |
| 4 | <input type="checkbox"/> | 1250.000  | 1260.001   | 423398.82  | 2.1847  | P   | 2.2 |
| 5 | <input type="checkbox"/> | 2500.000  | 2518.520   | 848974.76  | 4.3661  | P   | 2.1 |
| 6 | <input type="checkbox"/> | 5000.000  | 5062.487   | 1715914.94 | 8.7756  | A   | 1.5 |
| 7 | <input type="checkbox"/> | 10000.000 | 9962.251   | 3401690.26 | 17.2683 | A   | 2.1 |
| 8 | <input type="checkbox"/> |           |            | 2154.63    | 0.0105  | P   | 0.7 |

$$y = 0.0017 * x + 7.2456E-004$$

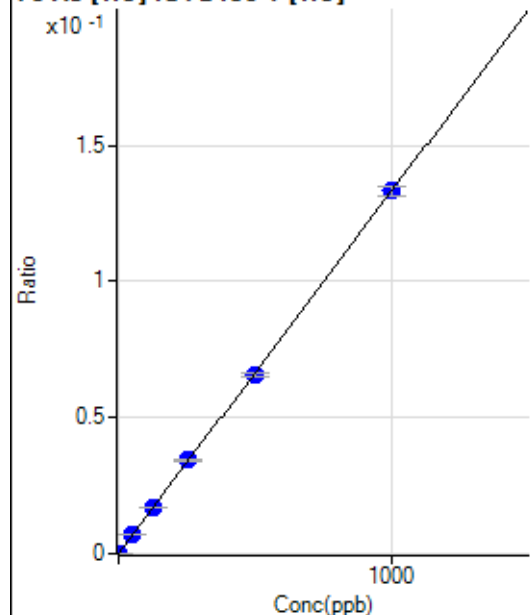
$$R = 1.0000$$

$$DL = 0.09059$$

$$BEC = 0.418$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-----------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 4.67      | 0.0000 | P   | 54.9 |
| 2 | <input type="checkbox"/> | 1.000    | 0.984      | 196.69    | 0.0001 | P   | 7.6  |
| 3 | <input type="checkbox"/> | 50.000   | 52.284     | 9913.81   | 0.0070 | P   | 2.6  |
| 4 | <input type="checkbox"/> | 125.000  | 126.221    | 23943.65  | 0.0168 | P   | 2.3  |
| 5 | <input type="checkbox"/> | 250.000  | 258.711    | 48742.84  | 0.0345 | P   | 2.3  |
| 6 | <input type="checkbox"/> | 500.000  | 493.483    | 95913.81  | 0.0657 | P   | 2.9  |
| 7 | <input type="checkbox"/> | 1000.000 | 1000.814   | 195328.31 | 0.1333 | P   | 2.8  |
| 8 | <input type="checkbox"/> |          |            | 56.34     | 0.0000 | P   | 7.5  |

$$y = 1.3319E-004 * x + 3.2326E-006$$

$$R = 0.9999$$

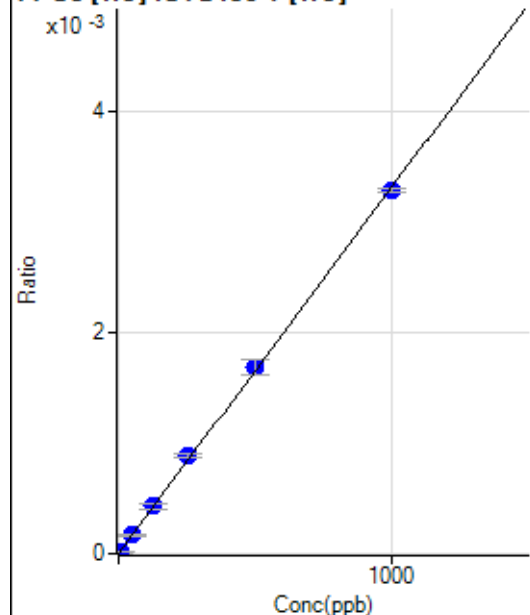
$$DL = 0.03994$$

$$BEC = 0.02427$$

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      | 1.11    | 0.0000 | P        | 173. |
| 2 | <input type="checkbox"/> | 5.000    | 3.205      | 16.67   | 0.0000 | P        | 20.7 |
| 3 | <input type="checkbox"/> | 50.000   | 50.751     | 240.00  | 0.0002 | P        | 7.8  |
| 4 | <input type="checkbox"/> | 125.000  | 128.525    | 606.69  | 0.0004 | P        | 9.5  |
| 5 | <input type="checkbox"/> | 250.000  | 268.491    | 1257.85 | 0.0009 | P        | 2.8  |
| 6 | <input type="checkbox"/> | 500.000  | 507.674    | 2450.24 | 0.0017 | P        | 8.5  |
| 7 | <input type="checkbox"/> | 1000.000 | 991.071    | 4806.43 | 0.0033 | P        | 0.9  |
| 8 | <input type="checkbox"/> |          |            | 2.22    | 0.0000 | P        | 86.6 |

$$y = 3.3090\text{E-}006 * x + 7.7342\text{E-}007$$

$$R = 0.9997$$

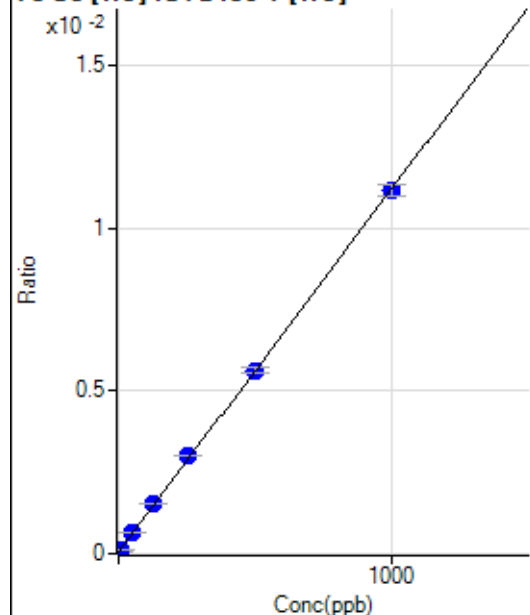
$$DL = 1.215$$

$$BEC = 0.2337$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS      | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|----------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 74.34    | 0.0001 | P        | 10.4 |
| 2 | <input type="checkbox"/> | 5.000    | 4.443      | 147.68   | 0.0001 | P        | 10.2 |
| 3 | <input type="checkbox"/> | 50.000   | 54.060     | 929.46   | 0.0007 | P        | 3.9  |
| 4 | <input type="checkbox"/> | 125.000  | 133.177    | 2184.73  | 0.0015 | P        | 1.9  |
| 5 | <input type="checkbox"/> | 250.000  | 265.364    | 4252.07  | 0.0030 | P        | 1.6  |
| 6 | <input type="checkbox"/> | 500.000  | 499.537    | 8191.21  | 0.0056 | P        | 3.1  |
| 7 | <input type="checkbox"/> | 1000.000 | 995.168    | 16312.72 | 0.0111 | P        | 3.1  |
| 8 | <input type="checkbox"/> |          |            | 77.01    | 0.0001 | P        | 14.5 |

$$y = 1.1135\text{E-}005 * x + 5.1237\text{E-}005$$

$$R = 0.9999$$

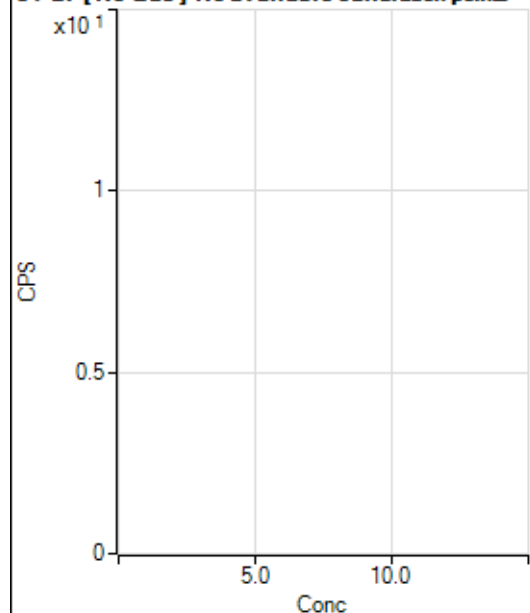
$$DL = 1.434$$

$$BEC = 4.601$$

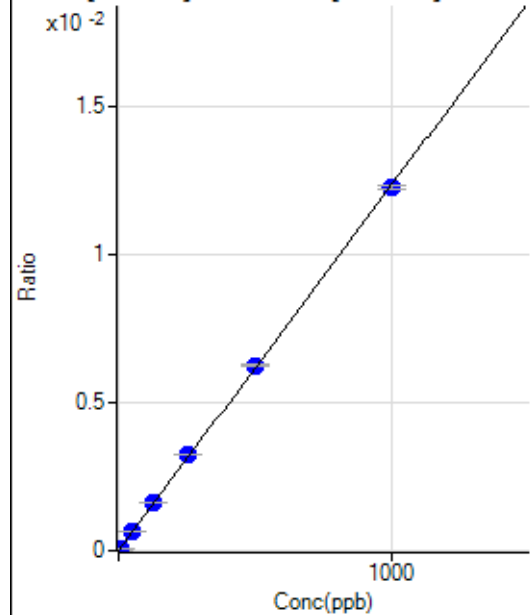
Weight: &lt;None&gt;

Min Conc: 0



**81 Br [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS      | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|----------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 45850.62 |       | P        | 1.1 |
| 2 | <input type="checkbox"/> |       |            | 45779.53 |       | P        | 1.0 |
| 3 | <input type="checkbox"/> |       |            | 44912.20 |       | P        | 5.7 |
| 4 | <input type="checkbox"/> |       |            | 42526.76 |       | P        | 2.3 |
| 5 | <input type="checkbox"/> |       |            | 41033.18 |       | P        | 1.3 |
| 6 | <input type="checkbox"/> |       |            | 40263.32 |       | P        | 2.2 |
| 7 | <input type="checkbox"/> |       |            | 39744.00 |       | P        | 1.9 |
| 8 | <input type="checkbox"/> |       |            | 42157.28 |       | P        | 2.7 |

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 37.08     | 0.0000 | P        | 71.6 |
| 2 | <input type="checkbox"/> | 5.000    | 4.698      | 778.27    | 0.0001 | P        | 3.6  |
| 3 | <input type="checkbox"/> | 50.000   | 53.461     | 8249.91   | 0.0007 | P        | 1.5  |
| 4 | <input type="checkbox"/> | 125.000  | 131.205    | 20049.69  | 0.0016 | P        | 1.4  |
| 5 | <input type="checkbox"/> | 250.000  | 262.523    | 40381.93  | 0.0032 | P        | 0.5  |
| 6 | <input type="checkbox"/> | 500.000  | 507.198    | 77992.62  | 0.0063 | P        | 0.7  |
| 7 | <input type="checkbox"/> | 1000.000 | 992.323    | 153089.33 | 0.0123 | P        | 1.0  |
| 8 | <input type="checkbox"/> |          |            | 270.40    | 0.0000 | P        | 11.5 |

$$y = 1.2357E-005 * x + 3.0333E-006$$

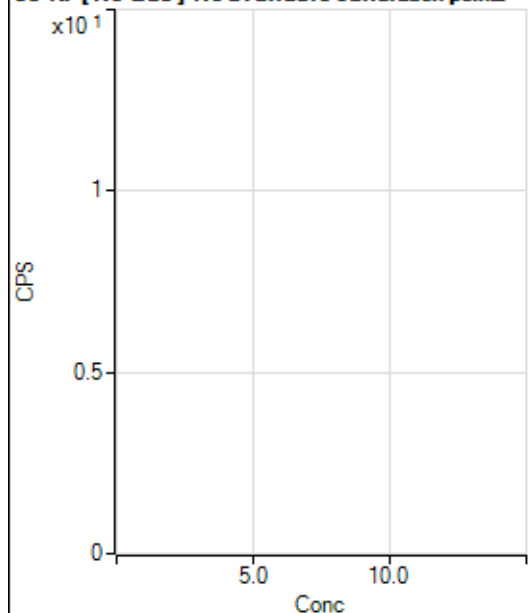
$$R = 0.9999$$

$$DL = 0.5273$$

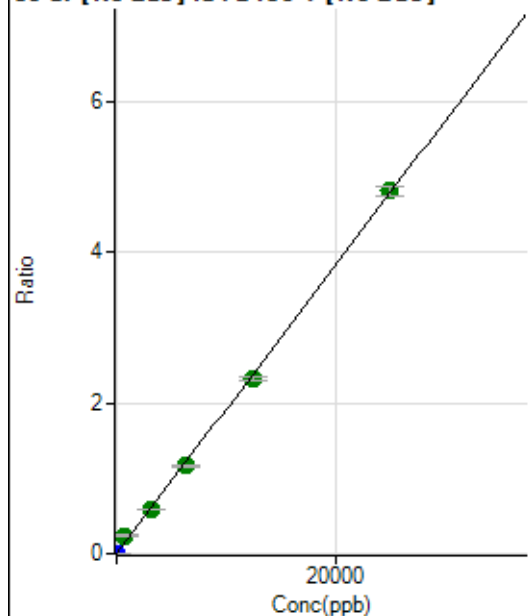
$$BEC = 0.2455$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 276.64 |       | P        | 12.5 |
| 2 | <input type="checkbox"/> |       |            | 301.22 |       | P        | 1.8  |
| 3 | <input type="checkbox"/> |       |            | 300.80 |       | P        | 7.7  |
| 4 | <input type="checkbox"/> |       |            | 301.22 |       | P        | 9.0  |
| 5 | <input type="checkbox"/> |       |            | 320.38 |       | P        | 7.5  |
| 6 | <input type="checkbox"/> |       |            | 296.22 |       | P        | 6.8  |
| 7 | <input type="checkbox"/> |       |            | 328.71 |       | P        | 2.0  |
| 8 | <input type="checkbox"/> |       |            | 337.04 |       | P        | 3.6  |

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 480.58      | 0.0000 | P        | 2.6  |
| 2 | <input type="checkbox"/> | 1.000     | 0.857      | 2589.21     | 0.0002 | P        | 3.8  |
| 3 | <input type="checkbox"/> | 625.000   | 1255.627   | 2985060.38  | 0.2401 | A        | 2.1  |
| 4 | <input type="checkbox"/> | 3125.000  | 3043.513   | 7185295.48  | 0.5820 | A        | 0.7  |
| 5 | <input type="checkbox"/> | 6250.000  | 6102.975   | 14513821.33 | 1.1671 | A        | 0.9  |
| 6 | <input type="checkbox"/> | 12500.000 | 12158.301  | 28916524.26 | 2.3250 | A        | 1.7  |
| 7 | <input type="checkbox"/> | 25000.000 | 25202.026  | 60139425.65 | 4.8192 | A        | 2.8  |
| 8 | <input type="checkbox"/> |           |            | 22694.88    | 0.0018 | P        | 30.3 |

$$y = 1.9122E-004 * x + 3.9366E-005$$

$$R = 0.9994$$

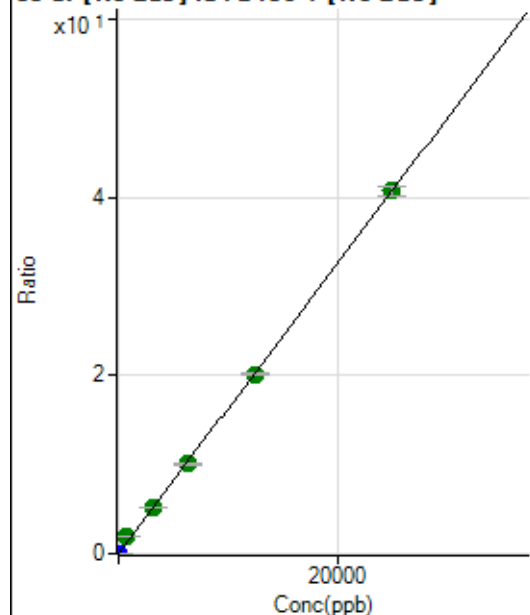
$$DL = 0.01586$$

$$BEC = 0.2059$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio   | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 250.01      | 0.0000  | P    | 17.6 |
| 2 | <input type="checkbox"/> | 1.000     | 0.907      | 19046.82    | 0.0015  | P    | 0.8  |
| 3 | <input type="checkbox"/> | 625.000   | 1243.890   | 25134142.75 | 2.0219  | A    | 1.1  |
| 4 | <input type="checkbox"/> | 3125.000  | 3132.905   | 62871636.82 | 5.0925  | A    | 0.7  |
| 5 | <input type="checkbox"/> | 6250.000  | 6201.325   | 125355891.6 | 10.0802 | A    | 2.3  |
| 6 | <input type="checkbox"/> | 12500.000 | 12385.967  | 250416916.7 | 20.1333 | A    | 0.9  |
| 7 | <input type="checkbox"/> | 25000.000 | 25052.725  | 508192316.9 | 40.7229 | A    | 2.8  |
| 8 | <input type="checkbox"/> |           |            | 194973.48   | 0.0159  | P    | 31.8 |

$$y = 0.0016 * x + 2.0483E-005$$

$$R = 0.9997$$

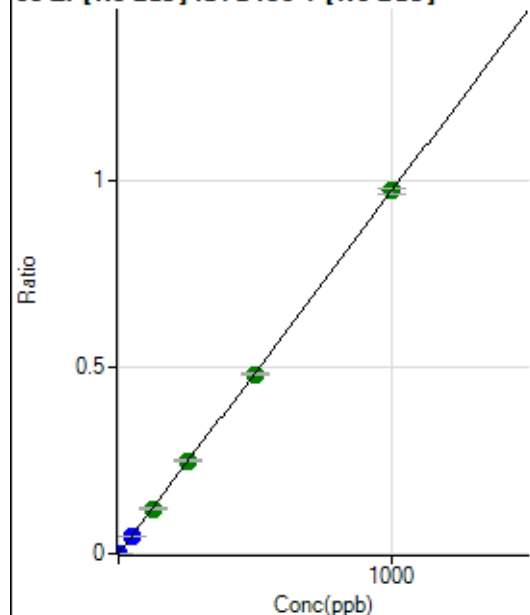
$$DL = 0.00664$$

$$BEC = 0.0126$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 469.47      | 0.0000 | P    | 18.8 |
| 2 | <input type="checkbox"/> | 1.000    | 0.866      | 11196.44    | 0.0009 | P    | 0.9  |
| 3 | <input type="checkbox"/> | 50.000   | 49.590     | 598812.69   | 0.0482 | P    | 0.6  |
| 4 | <input type="checkbox"/> | 125.000  | 124.514    | 1492497.49  | 0.1209 | A    | 0.4  |
| 5 | <input type="checkbox"/> | 250.000  | 256.517    | 3096926.22  | 0.2490 | A    | 1.3  |
| 6 | <input type="checkbox"/> | 500.000  | 494.515    | 5970723.35  | 0.4800 | A    | 1.2  |
| 7 | <input type="checkbox"/> | 1000.000 | 1001.194   | 12130071.19 | 0.9718 | A    | 1.3  |
| 8 | <input type="checkbox"/> |          |            | 4434.33     | 0.0004 | P    | 32.0 |

$$y = 9.7065E-004 * x + 3.8416E-005$$

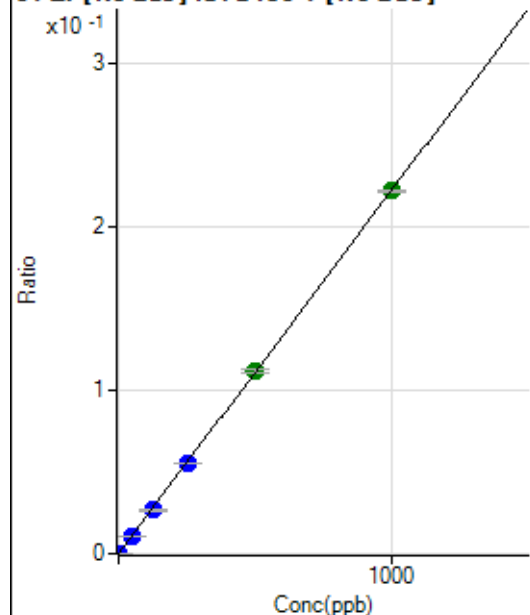
$$R = 1.0000$$

$$DL = 0.02228$$

$$BEC = 0.03958$$

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      | 94.45      | 0.0000 | P        | 40.4 |
| 2 | <input type="checkbox"/> | 1.000    | 0.875      | 2575.32    | 0.0002 | P        | 5.1  |
| 3 | <input type="checkbox"/> | 50.000   | 49.258     | 136203.41  | 0.0110 | P        | 1.9  |
| 4 | <input type="checkbox"/> | 125.000  | 120.180    | 329788.02  | 0.0267 | P        | 2.7  |
| 5 | <input type="checkbox"/> | 250.000  | 247.666    | 684749.36  | 0.0551 | P        | 0.3  |
| 6 | <input type="checkbox"/> | 500.000  | 504.513    | 1394996.60 | 0.1122 | A        | 2.2  |
| 7 | <input type="checkbox"/> | 1000.000 | 998.967    | 2771797.48 | 0.2221 | A        | 0.4  |
| 8 | <input type="checkbox"/> |          |            | 1061.20    | 0.0001 | P        | 33.4 |

$$y = 2.2228\text{E-}004 * x + 7.7504\text{E-}006$$

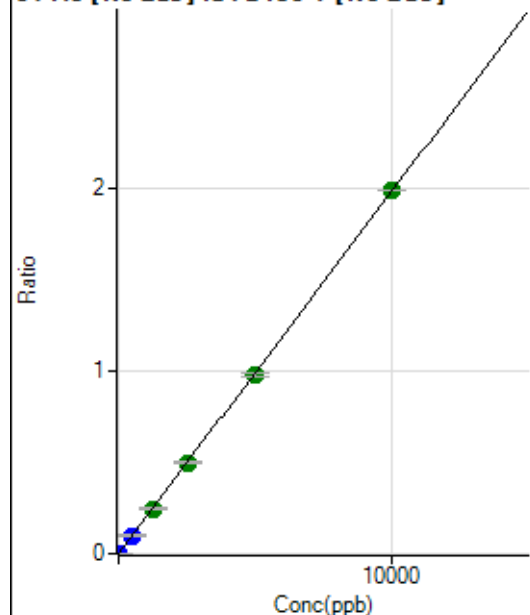
$$R = 1.0000$$

$$DL = 0.04223$$

$$BEC = 0.03487$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 152.78      | 0.0000 | P        | 26.8 |
| 2 | <input type="checkbox"/> | 5.000     | 5.425      | 13815.62    | 0.0011 | P        | 4.6  |
| 3 | <input type="checkbox"/> | 500.000   | 503.488    | 1237364.01  | 0.0995 | P        | 1.1  |
| 4 | <input type="checkbox"/> | 1250.000  | 1248.151   | 3046582.60  | 0.2467 | A        | 1.6  |
| 5 | <input type="checkbox"/> | 2500.000  | 2515.810   | 6185242.67  | 0.4973 | A        | 0.6  |
| 6 | <input type="checkbox"/> | 5000.000  | 4947.843   | 12165493.76 | 0.9781 | A        | 1.9  |
| 7 | <input type="checkbox"/> | 10000.000 | 10022.183  | 24730584.23 | 1.9812 | A        | 0.1  |
| 8 | <input type="checkbox"/> |           |            | 9879.33     | 0.0008 | P        | 25.2 |

$$y = 1.9768\text{E-}004 * x + 1.2499\text{E-}005$$

$$R = 1.0000$$

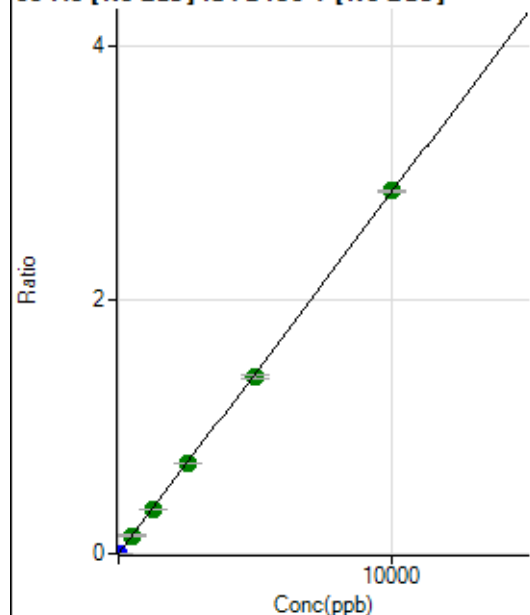
$$DL = 0.05084$$

$$BEC = 0.06323$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 13.89       | 0.0000 | P    | 92.0 |
| 2 | <input type="checkbox"/> | 5.000     | 4.536      | 16471.27    | 0.0013 | P    | 1.3  |
| 3 | <input type="checkbox"/> | 500.000   | 505.732    | 1790722.98  | 0.1441 | A    | 1.3  |
| 4 | <input type="checkbox"/> | 1250.000  | 1236.819   | 4348756.87  | 0.3523 | A    | 1.1  |
| 5 | <input type="checkbox"/> | 2500.000  | 2513.879   | 8905345.86  | 0.7161 | A    | 0.9  |
| 6 | <input type="checkbox"/> | 5000.000  | 4901.178   | 17364621.40 | 1.3961 | A    | 1.9  |
| 7 | <input type="checkbox"/> | 10000.000 | 10047.302  | 35722107.40 | 2.8619 | A    | 0.7  |
| 8 | <input type="checkbox"/> |           |            | 13255.12    | 0.0011 | P    | 27.8 |

$$y = 2.8484\text{E-}004 * x + 1.1379\text{E-}006$$

$$R = 0.9999$$

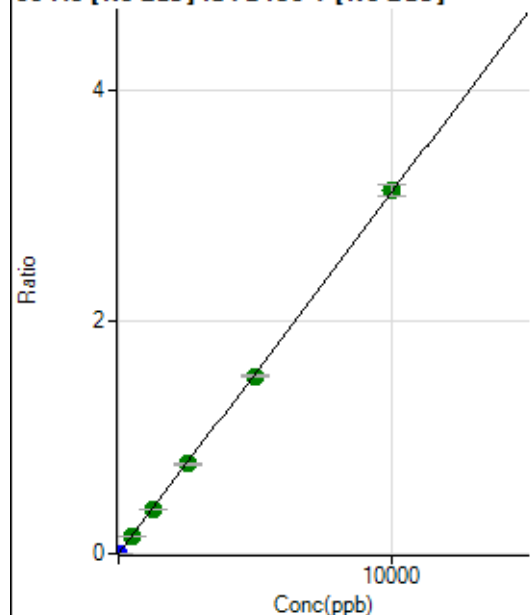
$$DL = 0.01102$$

$$BEC = 0.003995$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 144.45      | 0.0000 | P    | 8.2  |
| 2 | <input type="checkbox"/> | 5.000     | 4.649      | 18568.47    | 0.0015 | P    | 2.0  |
| 3 | <input type="checkbox"/> | 500.000   | 497.162    | 1922483.94  | 0.1547 | A    | 1.8  |
| 4 | <input type="checkbox"/> | 1250.000  | 1227.385   | 4711799.20  | 0.3818 | A    | 3.3  |
| 5 | <input type="checkbox"/> | 2500.000  | 2487.731   | 9623331.20  | 0.7738 | A    | 1.8  |
| 6 | <input type="checkbox"/> | 5000.000  | 4911.054   | 19000002.85 | 1.5276 | A    | 1.4  |
| 7 | <input type="checkbox"/> | 10000.000 | 10050.509  | 39011478.65 | 3.1262 | A    | 3.1  |
| 8 | <input type="checkbox"/> |           |            | 27955.78    | 0.0023 | P    | 17.4 |

$$y = 3.1105\text{E-}004 * x + 1.1827\text{E-}005$$

$$R = 0.9999$$

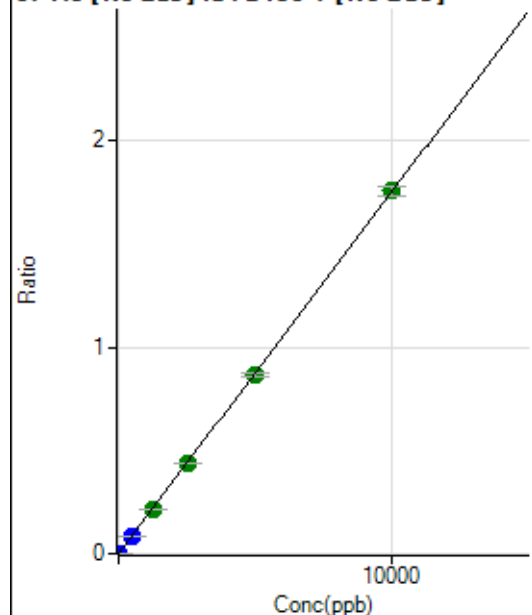
$$DL = 0.009316$$

$$BEC = 0.03802$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 11.11       | 0.0000 | P    | 114. |
| 2 | <input type="checkbox"/> | 5.000     | 4.501      | 10034.44    | 0.0008 | P    | 4.7  |
| 3 | <input type="checkbox"/> | 500.000   | 498.621    | 1083996.28  | 0.0872 | P    | 0.9  |
| 4 | <input type="checkbox"/> | 1250.000  | 1225.112   | 2644853.42  | 0.2143 | A    | 1.7  |
| 5 | <input type="checkbox"/> | 2500.000  | 2501.653   | 5440987.88  | 0.4375 | A    | 1.4  |
| 6 | <input type="checkbox"/> | 5000.000  | 4933.697   | 10732183.22 | 0.8628 | A    | 2.1  |
| 7 | <input type="checkbox"/> | 10000.000 | 10035.918  | 21902667.85 | 1.7552 | A    | 3.0  |
| 8 | <input type="checkbox"/> |           |            | 7908.29     | 0.0006 | P    | 25.0 |

$$y = 1.7489\text{E-}004 * x + 9.0490\text{E-}007$$

$$R = 1.0000$$

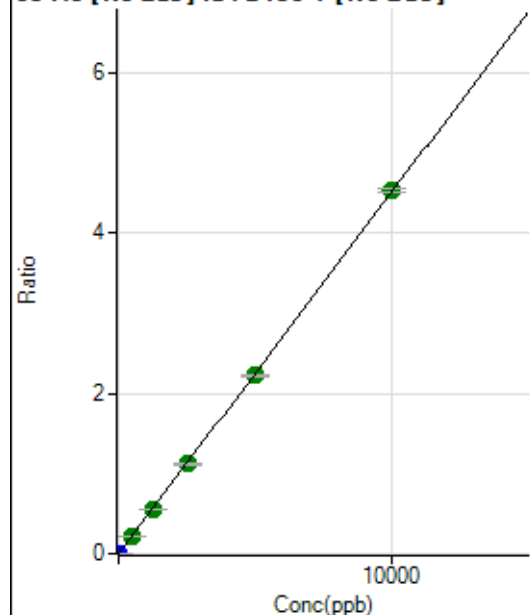
$$DL = 0.01772$$

$$BEC = 0.005174$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 63.77       | 0.0000 | P    | 38.3 |
| 2 | <input type="checkbox"/> | 5.000     | 4.580      | 26360.72    | 0.0021 | P    | 5.1  |
| 3 | <input type="checkbox"/> | 500.000   | 496.778    | 2784526.18  | 0.2240 | A    | 1.4  |
| 4 | <input type="checkbox"/> | 1250.000  | 1225.963   | 6823596.02  | 0.5528 | A    | 1.0  |
| 5 | <input type="checkbox"/> | 2500.000  | 2488.741   | 13955856.05 | 1.1222 | A    | 1.3  |
| 6 | <input type="checkbox"/> | 5000.000  | 4925.536   | 27625231.40 | 2.2209 | A    | 1.8  |
| 7 | <input type="checkbox"/> | 10000.000 | 10043.213  | 56520987.75 | 4.5285 | A    | 1.1  |
| 8 | <input type="checkbox"/> |           |            | 19491.98    | 0.0016 | P    | 28.7 |

$$y = 4.5090\text{E-}004 * x + 5.2296\text{E-}006$$

$$R = 1.0000$$

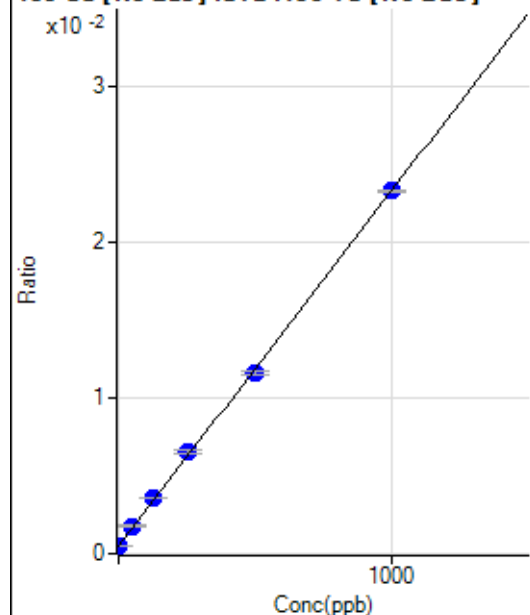
$$DL = 0.01333$$

$$BEC = 0.0116$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|-----------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 4072.94   | 0.0005 | P   | 4.7 |
| 2 | <input type="checkbox"/> | 1.000    | 0.767      | 4248.01   | 0.0005 | P   | 1.6 |
| 3 | <input type="checkbox"/> | 50.000   | 56.622     | 14872.34  | 0.0018 | P   | 4.2 |
| 4 | <input type="checkbox"/> | 125.000  | 135.060    | 30072.49  | 0.0036 | P   | 2.7 |
| 5 | <input type="checkbox"/> | 250.000  | 266.421    | 55730.38  | 0.0066 | P   | 4.6 |
| 6 | <input type="checkbox"/> | 500.000  | 488.910    | 102456.78 | 0.0117 | P   | 2.2 |
| 7 | <input type="checkbox"/> | 1000.000 | 999.851    | 200884.14 | 0.0233 | P   | 0.4 |
| 8 | <input type="checkbox"/> |          |            | 4061.82   | 0.0005 | P   | 3.4 |

$$y = 2.2852E-005 * x + 4.8908E-004$$

$$R = 0.9997$$

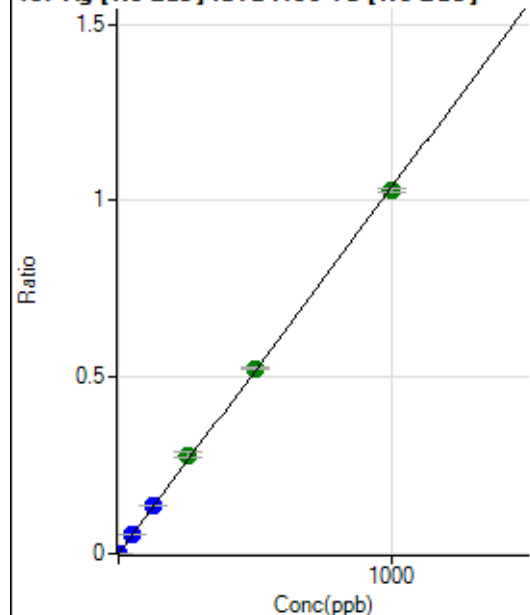
$$DL = 3.001$$

$$BEC = 21.4$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 355.57     | 0.0000 | P   | 8.8  |
| 2 | <input type="checkbox"/> | 1.000    | 0.960      | 8708.56    | 0.0010 | P   | 3.8  |
| 3 | <input type="checkbox"/> | 50.000   | 54.293     | 470146.13  | 0.0564 | P   | 2.9  |
| 4 | <input type="checkbox"/> | 125.000  | 131.631    | 1148885.26 | 0.1366 | P   | 1.2  |
| 5 | <input type="checkbox"/> | 250.000  | 270.294    | 2376230.98 | 0.2804 | A   | 4.5  |
| 6 | <input type="checkbox"/> | 500.000  | 506.397    | 4615846.28 | 0.5253 | A   | 1.6  |
| 7 | <input type="checkbox"/> | 1000.000 | 990.684    | 8846518.51 | 1.0277 | A   | 1.0  |
| 8 | <input type="checkbox"/> |          |            | 5120.59    | 0.0006 | P   | 12.8 |

$$y = 0.0010 * x + 4.2757E-005$$

$$R = 0.9997$$

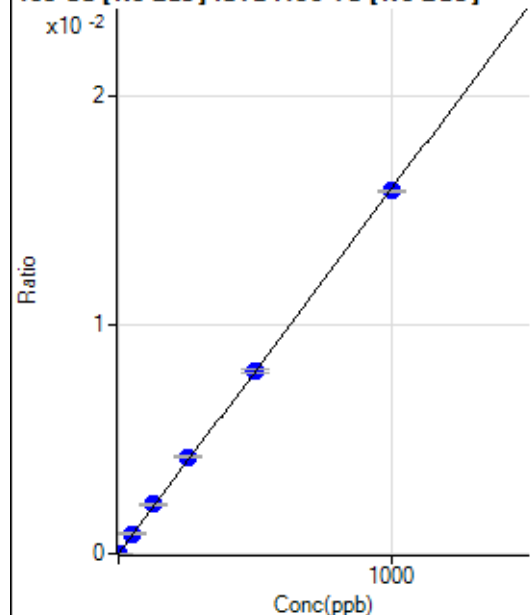
$$DL = 0.01085$$

$$BEC = 0.04122$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 34.72     | 0.0000 | P    | 53.3 |
| 2 | <input type="checkbox"/> | 1.000    | 0.840      | 147.23    | 0.0000 | P    | 4.4  |
| 3 | <input type="checkbox"/> | 50.000   | 54.916     | 7343.72   | 0.0009 | P    | 5.9  |
| 4 | <input type="checkbox"/> | 125.000  | 135.283    | 18188.54  | 0.0022 | P    | 2.2  |
| 5 | <input type="checkbox"/> | 250.000  | 265.939    | 35990.09  | 0.0042 | P    | 1.8  |
| 6 | <input type="checkbox"/> | 500.000  | 499.604    | 70077.40  | 0.0080 | P    | 1.6  |
| 7 | <input type="checkbox"/> | 1000.000 | 994.682    | 136647.05 | 0.0159 | P    | 0.4  |
| 8 | <input type="checkbox"/> |          |            | 100.00    | 0.0000 | P    | 22.5 |

$$y = 1.5956\text{E-}005 * x + 4.1527\text{E-}006$$

$$R = 0.9998$$

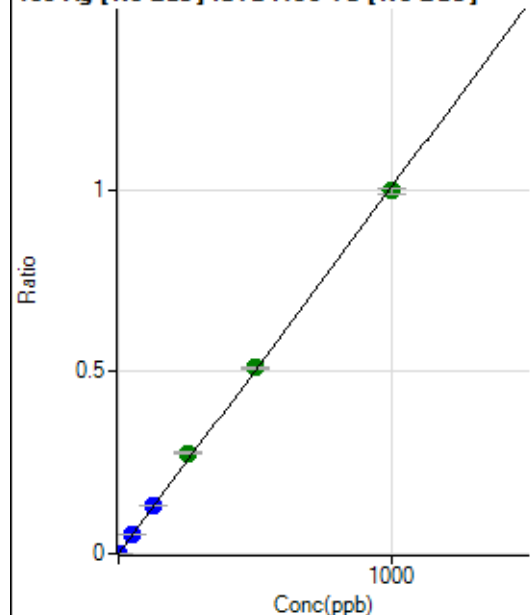
$$DL = 0.416$$

$$BEC = 0.2603$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 319.46     | 0.0000 | P    | 8.4  |
| 2 | <input type="checkbox"/> | 1.000    | 0.949      | 8338.91    | 0.0010 | P    | 3.9  |
| 3 | <input type="checkbox"/> | 50.000   | 53.199     | 447191.56  | 0.0536 | P    | 1.4  |
| 4 | <input type="checkbox"/> | 125.000  | 130.035    | 1101651.53 | 0.1310 | P    | 1.8  |
| 5 | <input type="checkbox"/> | 250.000  | 274.297    | 2340618.11 | 0.2762 | A    | 1.5  |
| 6 | <input type="checkbox"/> | 500.000  | 506.870    | 4484733.56 | 0.5104 | A    | 1.2  |
| 7 | <input type="checkbox"/> | 1000.000 | 989.701    | 8577948.37 | 0.9966 | A    | 1.5  |
| 8 | <input type="checkbox"/> |          |            | 4987.19    | 0.0006 | P    | 13.7 |

$$y = 0.0010 * x + 3.8394\text{E-}005$$

$$R = 0.9996$$

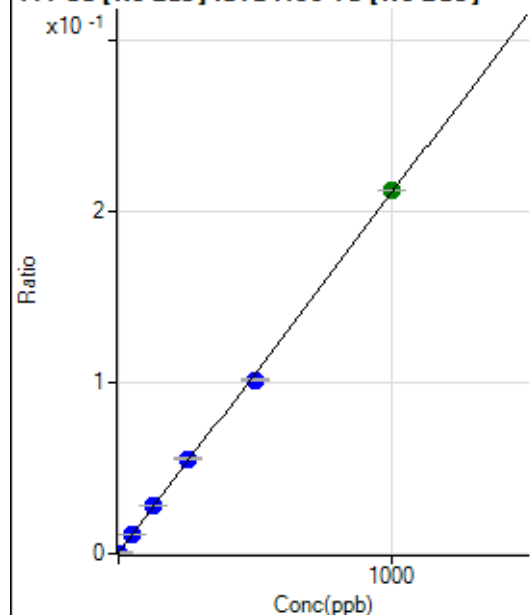
$$DL = 0.009645$$

$$BEC = 0.03813$$

Weight: &lt;None&gt;

Min Conc: 0



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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 2842.02    | 0.0003 | P   | 4.0 |
| 2 | <input type="checkbox"/> | 1.000    | 1.012      | 4642.91    | 0.0006 | P   | 3.2 |
| 3 | <input type="checkbox"/> | 50.000   | 53.908     | 97286.93   | 0.0117 | P   | 0.7 |
| 4 | <input type="checkbox"/> | 125.000  | 129.708    | 231967.40  | 0.0276 | P   | 0.5 |
| 5 | <input type="checkbox"/> | 250.000  | 261.313    | 467849.97  | 0.0552 | P   | 1.4 |
| 6 | <input type="checkbox"/> | 500.000  | 480.088    | 888787.61  | 0.1012 | P   | 1.5 |
| 7 | <input type="checkbox"/> | 1000.000 | 1006.344   | 1821960.29 | 0.2117 | A   | 0.1 |
| 8 | <input type="checkbox"/> |          |            | 3548.31    | 0.0004 | P   | 7.5 |

$$y = 2.0999\text{E-}004 * x + 3.4129\text{E-}004$$

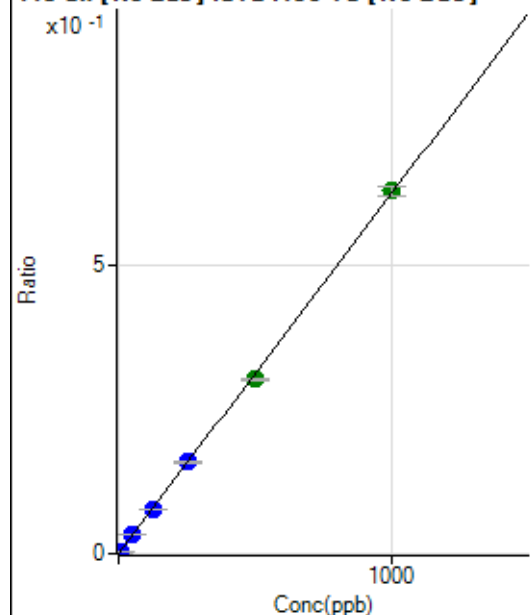
$$R = 0.9996$$

$$DL = 0.1942$$

$$BEC = 1.625$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 930.61     | 0.0001 | P   | 6.0  |
| 2 | <input type="checkbox"/> | 5.000    | 4.695      | 25549.60   | 0.0030 | P   | 1.6  |
| 3 | <input type="checkbox"/> | 50.000   | 50.996     | 266933.55  | 0.0320 | P   | 0.5  |
| 4 | <input type="checkbox"/> | 125.000  | 123.212    | 648844.64  | 0.0771 | P   | 1.0  |
| 5 | <input type="checkbox"/> | 250.000  | 254.057    | 1346893.99 | 0.1590 | P   | 1.1  |
| 6 | <input type="checkbox"/> | 500.000  | 483.939    | 2659830.44 | 0.3027 | A   | 1.4  |
| 7 | <input type="checkbox"/> | 1000.000 | 1007.191   | 5420958.84 | 0.6298 | A   | 2.6  |
| 8 | <input type="checkbox"/> |          |            | 6218.27    | 0.0008 | P   | 16.4 |

$$y = 6.2522\text{E-}004 * x + 1.1173\text{E-}004$$

$$R = 0.9998$$

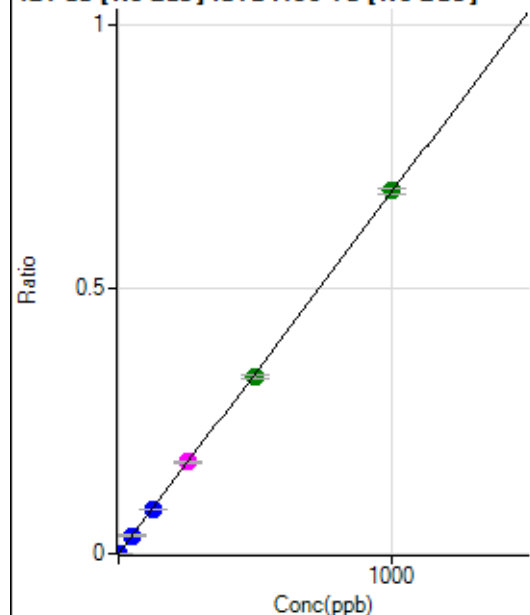
$$DL = 0.03205$$

$$BEC = 0.1787$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 22.22      | 0.0000 | P    | 56.5 |
| 2 | <input type="checkbox"/> | 2.000    | 1.824      | 10462.63   | 0.0012 | P    | 4.7  |
| 3 | <input type="checkbox"/> | 50.000   | 50.518     | 287638.46  | 0.0345 | P    | 1.5  |
| 4 | <input type="checkbox"/> | 125.000  | 122.256    | 701863.40  | 0.0834 | P    | 1.2  |
| 5 | <input type="checkbox"/> | 250.000  | 253.686    | 1467144.58 | 0.1731 | M    | 1.4  |
| 6 | <input type="checkbox"/> | 500.000  | 490.108    | 2939602.43 | 0.3345 | A    | 1.8  |
| 7 | <input type="checkbox"/> | 1000.000 | 1004.342   | 5900270.27 | 0.6855 | A    | 1.5  |
| 8 | <input type="checkbox"/> |          |            | 3864.56    | 0.0005 | P    | 16.6 |

$$y = 6.8249\text{E-}004 * x + 2.6541\text{E-}006$$

$$R = 0.9999$$

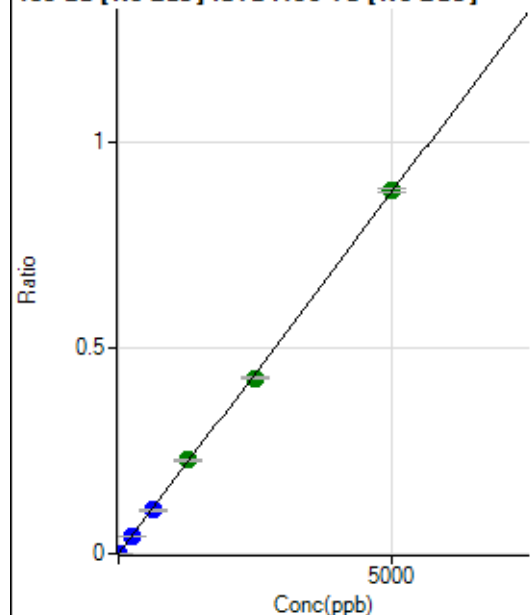
$$DL = 0.006589$$

$$BEC = 0.003889$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 11.11      | 0.0000 | P    | 113. |
| 2 | <input type="checkbox"/> | 10.000   | 8.648      | 12722.99   | 0.0015 | P    | 2.4  |
| 3 | <input type="checkbox"/> | 250.000  | 245.386    | 358847.33  | 0.0430 | P    | 1.9  |
| 4 | <input type="checkbox"/> | 625.000  | 602.514    | 888325.05  | 0.1056 | P    | 2.1  |
| 5 | <input type="checkbox"/> | 1250.000 | 1292.095   | 1919185.37 | 0.2265 | A    | 1.4  |
| 6 | <input type="checkbox"/> | 2500.000 | 2435.986   | 3751873.57 | 0.4270 | A    | 1.9  |
| 7 | <input type="checkbox"/> | 5000.000 | 5024.527   | 7581836.20 | 0.8808 | A    | 1.2  |
| 8 | <input type="checkbox"/> |          |            | 4662.08    | 0.0006 | P    | 14.2 |

$$y = 1.7529\text{E-}004 * x + 1.3326\text{E-}006$$

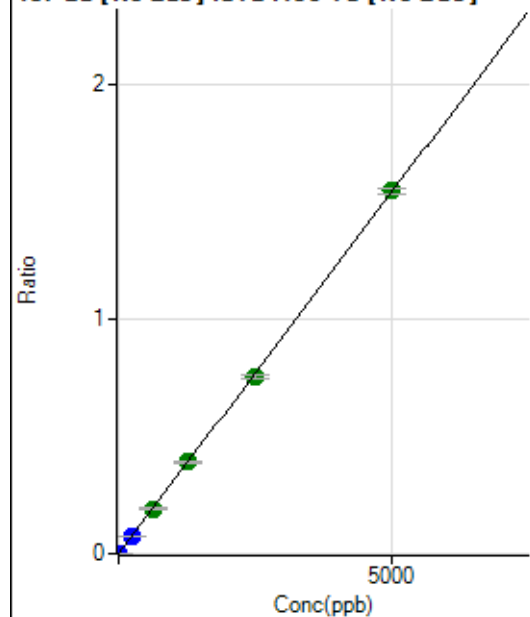
$$R = 0.9998$$

$$DL = 0.0259$$

$$BEC = 0.007602$$

Weight: &lt;None&gt;

Min Conc: 0

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 41.67       | 0.0000 | P        | 53.7 |
| 2 | <input type="checkbox"/> | 10.000   | 8.790      | 22764.29    | 0.0027 | P        | 3.9  |
| 3 | <input type="checkbox"/> | 250.000  | 249.778    | 642421.43   | 0.0770 | P        | 0.8  |
| 4 | <input type="checkbox"/> | 625.000  | 620.382    | 1608847.84  | 0.1913 | A        | 2.8  |
| 5 | <input type="checkbox"/> | 1250.000 | 1265.862   | 3306924.79  | 0.3902 | A        | 1.5  |
| 6 | <input type="checkbox"/> | 2500.000 | 2453.044   | 6645407.96  | 0.7562 | A        | 2.2  |
| 7 | <input type="checkbox"/> | 5000.000 | 5020.103   | 13321254.55 | 1.5476 | A        | 1.8  |
| 8 | <input type="checkbox"/> |          |            | 8236.23     | 0.0010 | P        | 14.2 |

$$y = 3.0828\text{E-}004 * x + 5.0247\text{E-}006$$

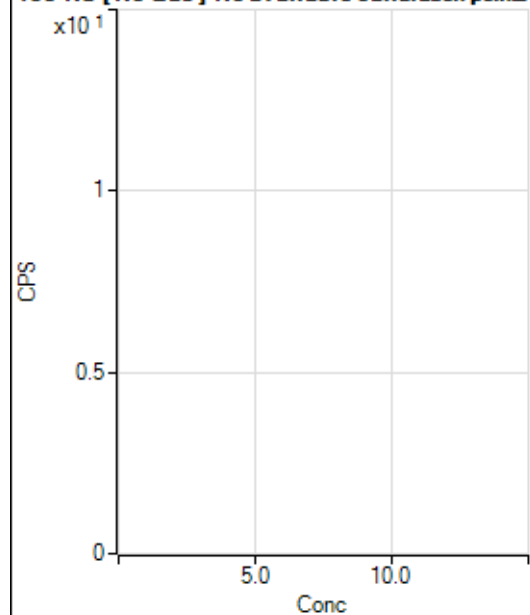
$$R = 0.9999$$

$$DL = 0.02626$$

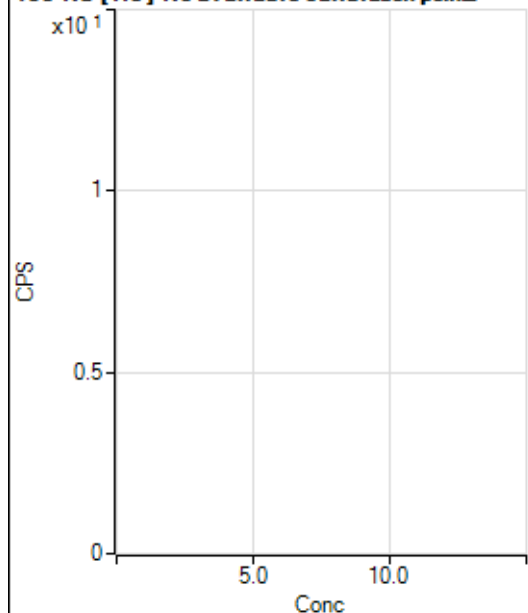
$$BEC = 0.0163$$

Weight: &lt;None&gt;

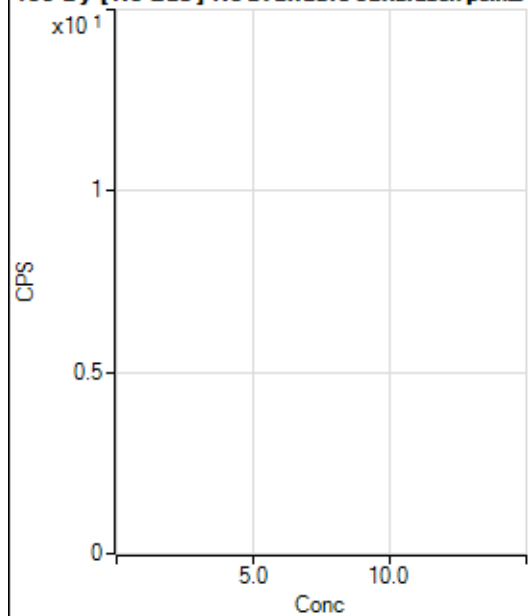
Min Conc: 0

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

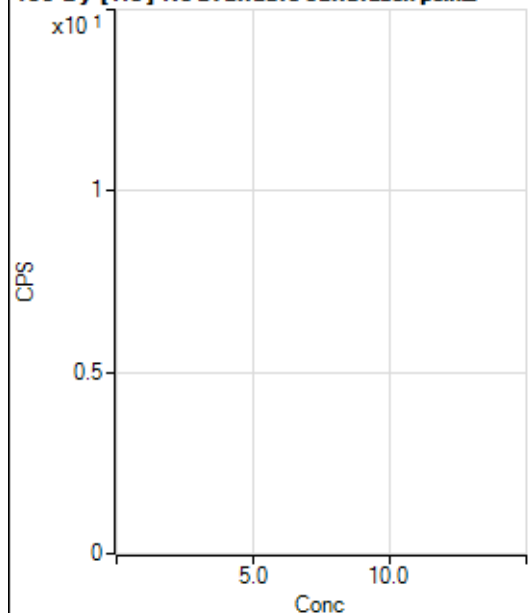
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 8.89   |       | P        | 114. |
| 2 | <input type="checkbox"/> |       |            | 6.67   |       | P        | 100. |
| 3 | <input type="checkbox"/> |       |            | 33.33  |       | P        | 60.0 |
| 4 | <input type="checkbox"/> |       |            | 117.78 |       | P        | 22.9 |
| 5 | <input type="checkbox"/> |       |            | 188.90 |       | P        | 17.8 |
| 6 | <input type="checkbox"/> |       |            | 328.90 |       | P        | 5.1  |
| 7 | <input type="checkbox"/> |       |            | 655.58 |       | P        | 5.2  |
| 8 | <input type="checkbox"/> |       |            | 42.22  |       | P        | 55.5 |

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

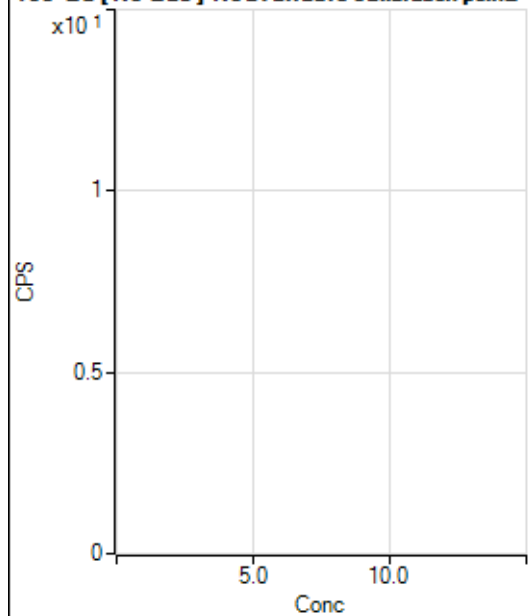
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173. |
| 2 | <input type="checkbox"/> |       |            | 1.11  |       | P        | 173. |
| 3 | <input type="checkbox"/> |       |            | 5.55  |       | P        | 69.3 |
| 4 | <input type="checkbox"/> |       |            | 13.33 |       | P        | 109. |
| 5 | <input type="checkbox"/> |       |            | 8.89  |       | P        | 21.6 |
| 6 | <input type="checkbox"/> |       |            | 22.22 |       | P        | 31.2 |
| 7 | <input type="checkbox"/> |       |            | 46.67 |       | P        | 12.4 |
| 8 | <input type="checkbox"/> |       |            | 12.22 |       | P        | 41.7 |

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

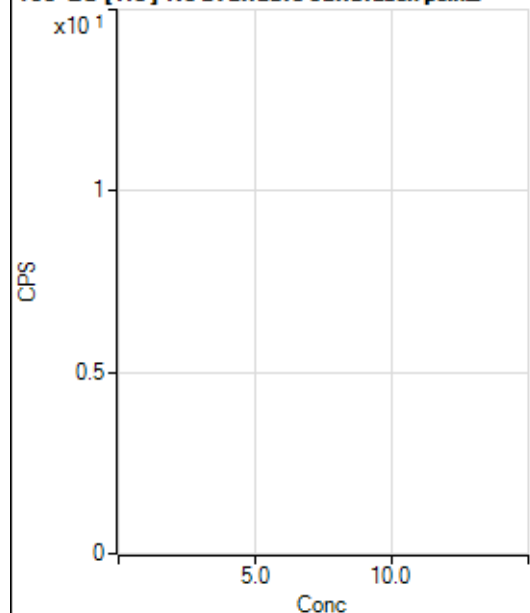
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS     | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|---------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 8.33    |       | P        | 100. |
| 2 | <input type="checkbox"/> |       |            | 0.00    |       | P        |      |
| 3 | <input type="checkbox"/> |       |            | 38.89   |       | P        | 12.4 |
| 4 | <input type="checkbox"/> |       |            | 58.33   |       | P        | 0.0  |
| 5 | <input type="checkbox"/> |       |            | 105.56  |       | P        | 22.8 |
| 6 | <input type="checkbox"/> |       |            | 222.23  |       | P        | 30.5 |
| 7 | <input type="checkbox"/> |       |            | 461.13  |       | P        | 12.3 |
| 8 | <input type="checkbox"/> |       |            | 1236.21 |       | P        | 7.8  |

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

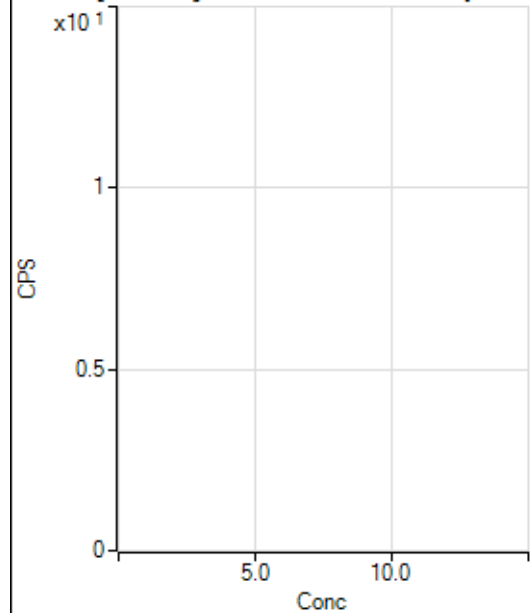
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 3.33   |       | P        | 100. |
| 2 | <input type="checkbox"/> |       |            | 3.33   |       | P        | 100. |
| 3 | <input type="checkbox"/> |       |            | 12.22  |       | P        | 56.8 |
| 4 | <input type="checkbox"/> |       |            | 32.22  |       | P        | 15.8 |
| 5 | <input type="checkbox"/> |       |            | 56.67  |       | P        | 40.8 |
| 6 | <input type="checkbox"/> |       |            | 117.78 |       | P        | 18.4 |
| 7 | <input type="checkbox"/> |       |            | 208.89 |       | P        | 9.6  |
| 8 | <input type="checkbox"/> |       |            | 567.80 |       | P        | 11.0 |

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

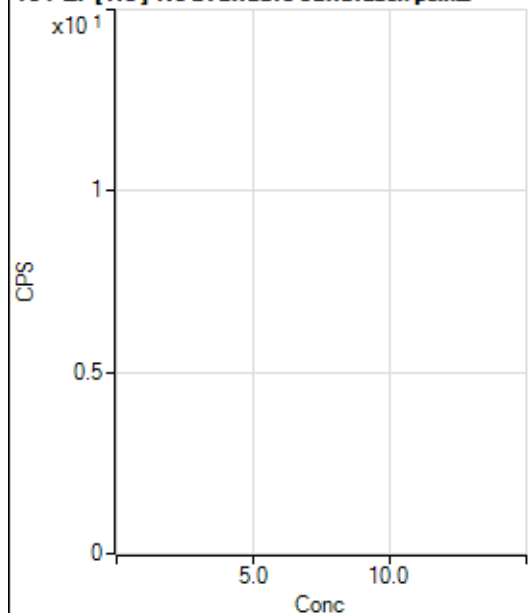
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS     | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|---------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 77.78   |       | P        | 27.0 |
| 2 | <input type="checkbox"/> |       |            | 69.45   |       | P        | 18.3 |
| 3 | <input type="checkbox"/> |       |            | 88.89   |       | P        | 10.8 |
| 4 | <input type="checkbox"/> |       |            | 155.56  |       | P        | 11.2 |
| 5 | <input type="checkbox"/> |       |            | 177.78  |       | P        | 25.8 |
| 6 | <input type="checkbox"/> |       |            | 283.34  |       | P        | 13.5 |
| 7 | <input type="checkbox"/> |       |            | 352.79  |       | P        | 10.7 |
| 8 | <input type="checkbox"/> |       |            | 1494.57 |       | P        | 3.2  |

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

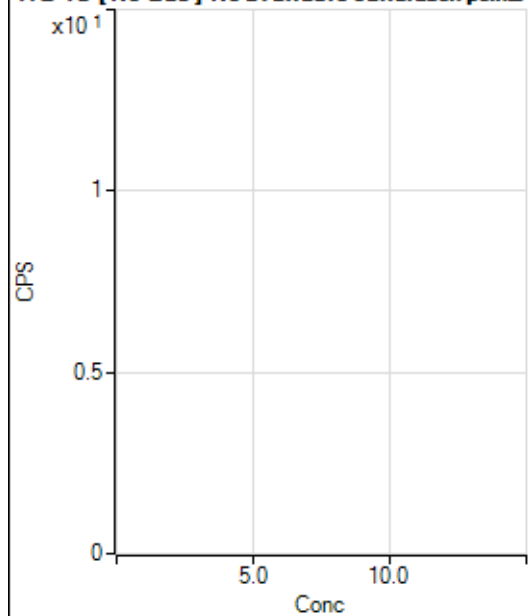
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 112.23 |       | P        | 19.3 |
| 2 | <input type="checkbox"/> |       |            | 107.78 |       | P        | 23.6 |
| 3 | <input type="checkbox"/> |       |            | 101.11 |       | P        | 16.3 |
| 4 | <input type="checkbox"/> |       |            | 120.00 |       | P        | 29.0 |
| 5 | <input type="checkbox"/> |       |            | 161.12 |       | P        | 13.1 |
| 6 | <input type="checkbox"/> |       |            | 168.89 |       | P        | 8.0  |
| 7 | <input type="checkbox"/> |       |            | 246.67 |       | P        | 9.5  |
| 8 | <input type="checkbox"/> |       |            | 726.70 |       | P        | 9.0  |

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

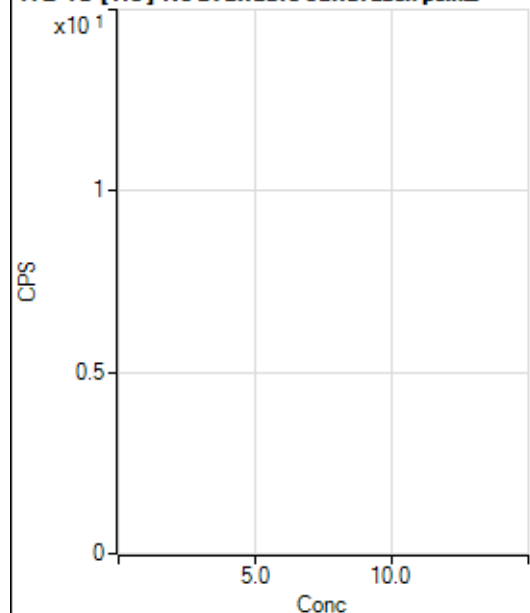
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 66.67  |       | P        | 21.7 |
| 2 | <input type="checkbox"/> |       |            | 77.78  |       | P        | 44.6 |
| 3 | <input type="checkbox"/> |       |            | 63.89  |       | P        | 54.3 |
| 4 | <input type="checkbox"/> |       |            | 52.78  |       | P        | 39.7 |
| 5 | <input type="checkbox"/> |       |            | 108.34 |       | P        | 15.4 |
| 6 | <input type="checkbox"/> |       |            | 83.34  |       | P        | 30.0 |
| 7 | <input type="checkbox"/> |       |            | 116.67 |       | P        | 7.1  |
| 8 | <input type="checkbox"/> |       |            | 94.45  |       | P        | 28.4 |

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

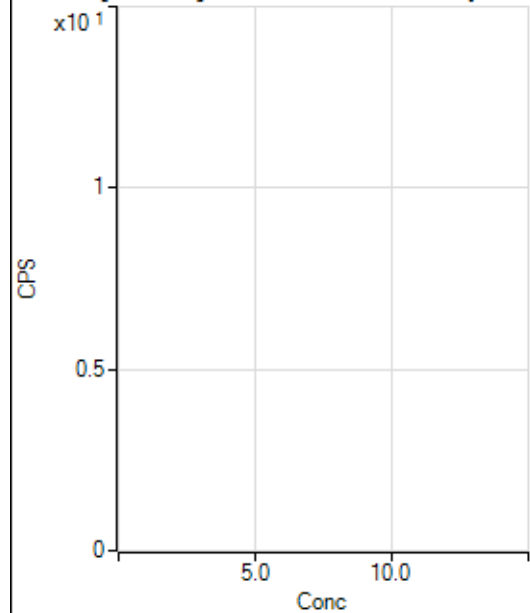
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 23.33 |       | P        | 51.5 |
| 2 | <input type="checkbox"/> |       |            | 21.11 |       | P        | 119. |
| 3 | <input type="checkbox"/> |       |            | 18.89 |       | P        | 27.0 |
| 4 | <input type="checkbox"/> |       |            | 13.33 |       | P        | 66.1 |
| 5 | <input type="checkbox"/> |       |            | 24.45 |       | P        | 15.8 |
| 6 | <input type="checkbox"/> |       |            | 34.44 |       | P        | 24.3 |
| 7 | <input type="checkbox"/> |       |            | 46.67 |       | P        | 7.1  |
| 8 | <input type="checkbox"/> |       |            | 55.56 |       | P        | 9.2  |

**172 Yb [ No Gas ] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 41.67  |       | P        | 40.0 |
| 2 | <input type="checkbox"/> |       |            | 47.22  |       | P        | 20.4 |
| 3 | <input type="checkbox"/> |       |            | 55.56  |       | P        | 8.7  |
| 4 | <input type="checkbox"/> |       |            | 83.34  |       | P        | 10.0 |
| 5 | <input type="checkbox"/> |       |            | 58.33  |       | P        | 62.3 |
| 6 | <input type="checkbox"/> |       |            | 122.23 |       | P        | 27.6 |
| 7 | <input type="checkbox"/> |       |            | 197.23 |       | P        | 31.1 |
| 8 | <input type="checkbox"/> |       |            | 533.36 |       | P        | 15.1 |

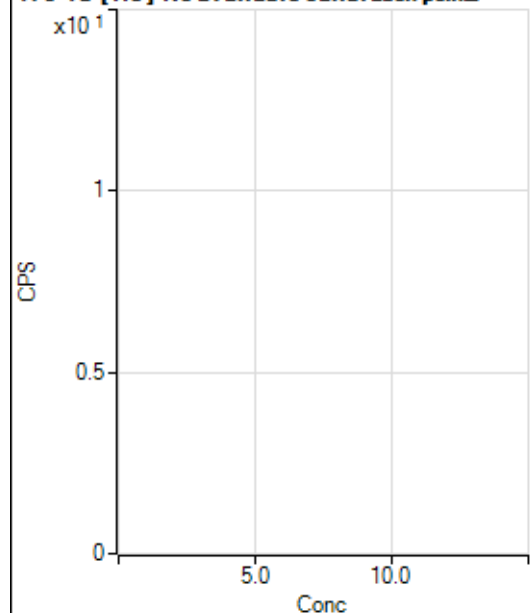
**172 Yb [He] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 16.67  |       | P        | 33.3 |
| 2 | <input type="checkbox"/> |       |            | 31.48  |       | P        | 83.4 |
| 3 | <input type="checkbox"/> |       |            | 31.48  |       | P        | 73.5 |
| 4 | <input type="checkbox"/> |       |            | 18.52  |       | P        | 45.8 |
| 5 | <input type="checkbox"/> |       |            | 37.04  |       | P        | 22.9 |
| 6 | <input type="checkbox"/> |       |            | 51.85  |       | P        | 22.3 |
| 7 | <input type="checkbox"/> |       |            | 72.23  |       | P        | 42.8 |
| 8 | <input type="checkbox"/> |       |            | 287.04 |       | P        | 4.0  |

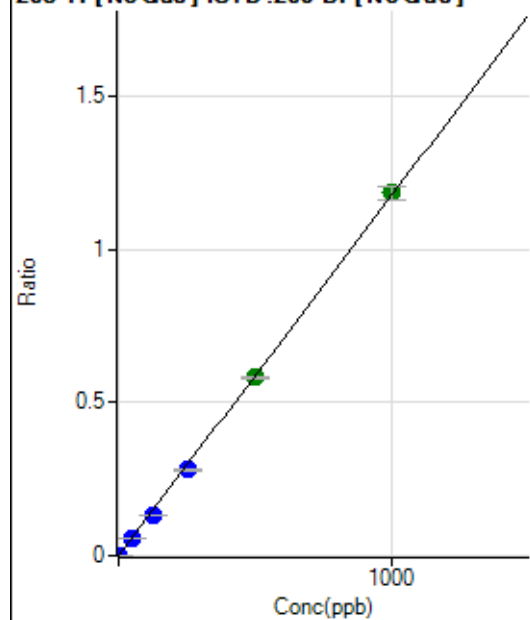
**176 Yb [No Gas] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS      | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|----------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 1313.99  |       | P        | 6.7 |
| 2 | <input type="checkbox"/> |       |            | 1369.55  |       | P        | 7.3 |
| 3 | <input type="checkbox"/> |       |            | 2386.40  |       | P        | 6.4 |
| 4 | <input type="checkbox"/> |       |            | 4203.55  |       | P        | 1.4 |
| 5 | <input type="checkbox"/> |       |            | 7330.04  |       | P        | 1.3 |
| 6 | <input type="checkbox"/> |       |            | 12973.38 |       | P        | 3.3 |
| 7 | <input type="checkbox"/> |       |            | 25155.16 |       | P        | 2.2 |
| 8 | <input type="checkbox"/> |       |            | 1569.58  |       | P        | 8.1 |



**176 Yb [He] No available calibration points**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS      | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|----------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 8341.67  |       | P        | 5.0 |
| 2 | <input type="checkbox"/> |       |            | 8497.32  |       | P        | 1.8 |
| 3 | <input type="checkbox"/> |       |            | 8767.88  |       | P        | 2.1 |
| 4 | <input type="checkbox"/> |       |            | 9586.99  |       | P        | 0.9 |
| 5 | <input type="checkbox"/> |       |            | 10819.43 |       | P        | 2.3 |
| 6 | <input type="checkbox"/> |       |            | 13379.25 |       | P        | 2.5 |
| 7 | <input type="checkbox"/> |       |            | 18620.84 |       | P        | 1.2 |
| 8 | <input type="checkbox"/> |       |            | 8578.86  |       | P        | 2.8 |

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

|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 113.89     | 0.0000 | P        | 16.2 |
| 2 | <input type="checkbox"/> | 1.000    | 0.864      | 5287.35    | 0.0010 | P        | 2.7  |
| 3 | <input type="checkbox"/> | 50.000   | 46.334     | 280319.00  | 0.0546 | P        | 2.8  |
| 4 | <input type="checkbox"/> | 125.000  | 112.376    | 681541.32  | 0.1323 | P        | 2.8  |
| 5 | <input type="checkbox"/> | 250.000  | 237.924    | 1440697.07 | 0.2801 | P        | 0.5  |
| 6 | <input type="checkbox"/> | 500.000  | 494.450    | 2964402.02 | 0.5820 | A        | 1.4  |
| 7 | <input type="checkbox"/> | 1000.000 | 1007.555   | 5882309.25 | 1.1860 | A        | 3.5  |
| 8 | <input type="checkbox"/> |          |            | 1644.60    | 0.0004 | P        | 17.0 |

$$y = 0.0012 * x + 2.2666E-005$$

$$R = 0.9999$$

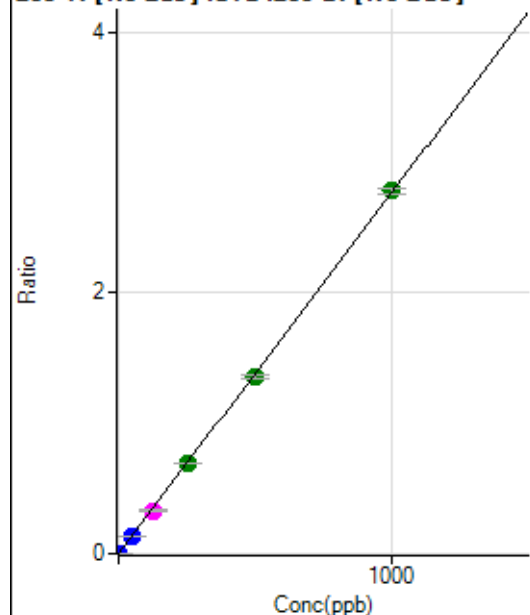
$$DL = 0.009383$$

$$BEC = 0.01926$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 225.01      | 0.0000 | P   | 17.7 |
| 2 | <input type="checkbox"/> | 1.000    | 0.869      | 12467.44    | 0.0025 | P   | 2.0  |
| 3 | <input type="checkbox"/> | 50.000   | 47.632     | 678119.07   | 0.1320 | P   | 2.0  |
| 4 | <input type="checkbox"/> | 125.000  | 119.518    | 1705639.47  | 0.3311 | M   | 6.8  |
| 5 | <input type="checkbox"/> | 250.000  | 249.776    | 3559133.41  | 0.6918 | A   | 1.0  |
| 6 | <input type="checkbox"/> | 500.000  | 491.406    | 6931088.61  | 1.3611 | A   | 1.7  |
| 7 | <input type="checkbox"/> | 1000.000 | 1005.157   | 13810185.90 | 2.7840 | A   | 1.7  |
| 8 | <input type="checkbox"/> |          |            | 4367.66     | 0.0010 | P   | 20.2 |

$$y = 0.0028 * x + 4.5040E-005$$

$$R = 0.9999$$

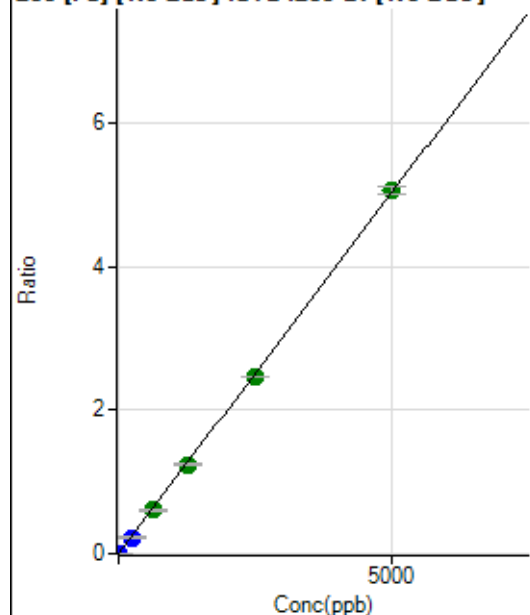
$$DL = 0.00865$$

$$BEC = 0.01626$$

Weight: &lt;None&gt;

Min Conc: 0

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



|   | R <sub>j</sub><br>ct     | Conc.    | Calc Conc. | CPS         | Ratio  | Det | RSD  |
|---|--------------------------|----------|------------|-------------|--------|-----|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 566.69      | 0.0001 | P   | 11.4 |
| 2 | <input type="checkbox"/> | 1.000    | 0.788      | 4606.47     | 0.0009 | P   | 3.1  |
| 3 | <input type="checkbox"/> | 250.000  | 225.453    | 1165322.97  | 0.2268 | P   | 3.0  |
| 4 | <input type="checkbox"/> | 625.000  | 601.241    | 3115222.90  | 0.6047 | A   | 3.7  |
| 5 | <input type="checkbox"/> | 1250.000 | 1230.824   | 6367943.08  | 1.2378 | A   | 2.1  |
| 6 | <input type="checkbox"/> | 2500.000 | 2454.836   | 12571847.50 | 2.4686 | A   | 0.6  |
| 7 | <input type="checkbox"/> | 5000.000 | 5031.573   | 25102242.69 | 5.0596 | A   | 2.1  |
| 8 | <input type="checkbox"/> |          |            | 7688.01     | 0.0017 | P   | 28.1 |

$$y = 0.0010 * x + 1.1325E-004$$

$$R = 0.9999$$

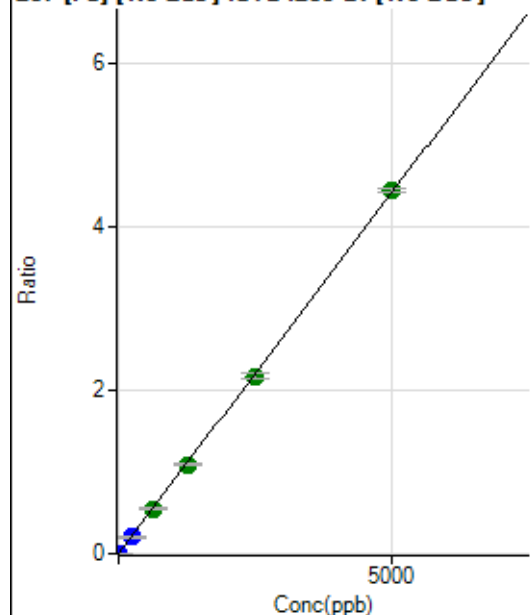
$$DL = 0.03851$$

$$BEC = 0.1126$$

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      | 527.80      | 0.0001 | P        | 5.3  |
| 2 | <input type="checkbox"/> | 1.000    | 0.830      | 4269.30     | 0.0008 | P        | 1.6  |
| 3 | <input type="checkbox"/> | 250.000  | 230.053    | 1045794.70  | 0.2036 | P        | 4.2  |
| 4 | <input type="checkbox"/> | 625.000  | 615.635    | 2805858.16  | 0.5447 | A        | 3.8  |
| 5 | <input type="checkbox"/> | 1250.000 | 1235.649   | 5623249.78  | 1.0931 | A        | 0.9  |
| 6 | <input type="checkbox"/> | 2500.000 | 2457.206   | 11070347.47 | 2.1737 | A        | 3.6  |
| 7 | <input type="checkbox"/> | 5000.000 | 5027.153   | 22062331.97 | 4.4470 | A        | 0.9  |
| 8 | <input type="checkbox"/> |          |            | 6591.01     | 0.0015 | P        | 25.7 |

$$y = 8.8458E-004 * x + 1.0535E-004$$

R = 0.9999

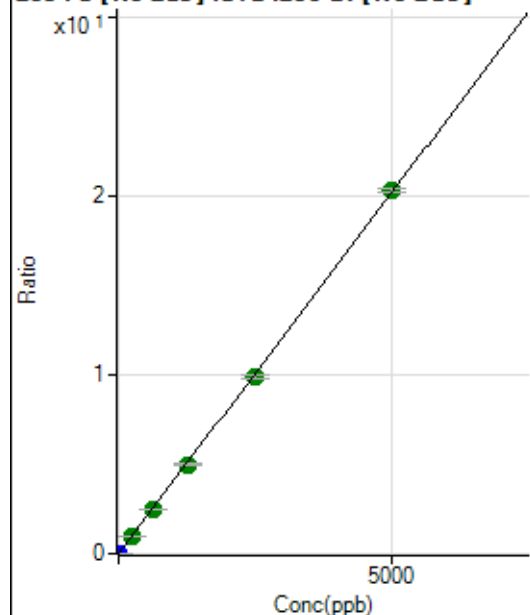
DL = 0.01894

BEC = 0.1191

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio   | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|---------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 2379.77     | 0.0005  | P        | 7.0  |
| 2 | <input type="checkbox"/> | 1.000    | 0.813      | 19094.82    | 0.0038  | P        | 0.9  |
| 3 | <input type="checkbox"/> | 250.000  | 239.120    | 4956971.46  | 0.9650  | A        | 3.8  |
| 4 | <input type="checkbox"/> | 625.000  | 612.118    | 12723202.51 | 2.4695  | A        | 2.1  |
| 5 | <input type="checkbox"/> | 1250.000 | 1234.652   | 25621019.21 | 4.9805  | A        | 0.7  |
| 6 | <input type="checkbox"/> | 2500.000 | 2460.417   | 50546015.48 | 9.9248  | A        | 2.0  |
| 7 | <input type="checkbox"/> | 5000.000 | 5025.783   | 100577770.3 | 20.2724 | A        | 1.0  |
| 8 | <input type="checkbox"/> |          |            | 30715.83    | 0.0070  | P        | 27.5 |

$$y = 0.0040 * x + 4.7552E-004$$

R = 0.9999

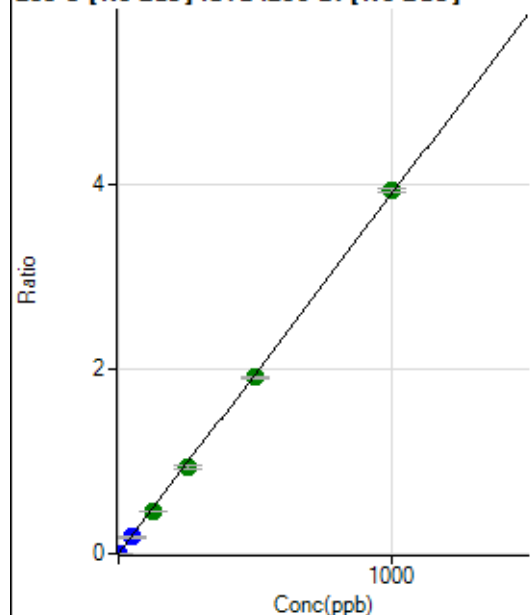
DL = 0.02475

BEC = 0.1179

Weight: &lt;None&gt;

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 36.11       | 0.0000 | P        | 70.0 |
| 2 | <input type="checkbox"/> | 1.000    | 0.834      | 16552.95    | 0.0033 | P        | 1.6  |
| 3 | <input type="checkbox"/> | 50.000   | 45.653     | 913994.35   | 0.1779 | P        | 2.9  |
| 4 | <input type="checkbox"/> | 125.000  | 117.577    | 2360841.03  | 0.4582 | A        | 1.8  |
| 5 | <input type="checkbox"/> | 250.000  | 239.998    | 4810382.92  | 0.9352 | A        | 3.4  |
| 6 | <input type="checkbox"/> | 500.000  | 489.632    | 9716315.23  | 1.9080 | A        | 1.5  |
| 7 | <input type="checkbox"/> | 1000.000 | 1008.830   | 19503019.01 | 3.9312 | A        | 1.1  |
| 8 | <input type="checkbox"/> |          |            | 3109.05     | 0.0007 | P        | 52.2 |

$$y = 0.0039 * x + 7.1114E-006$$

$$R = 0.9999$$

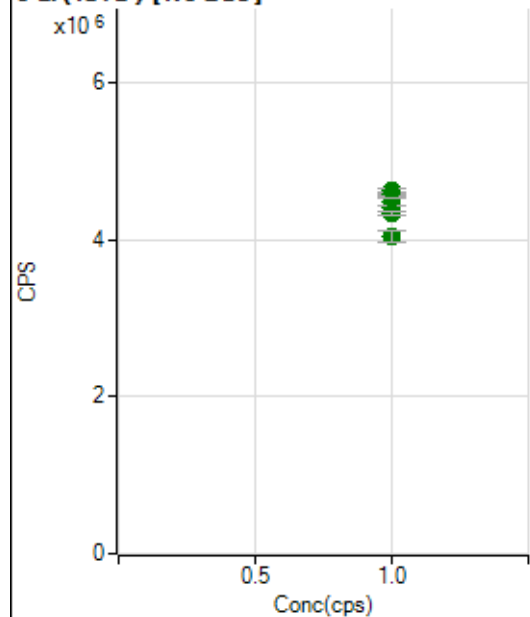
$$DL = 0.003833$$

$$BEC = 0.001825$$

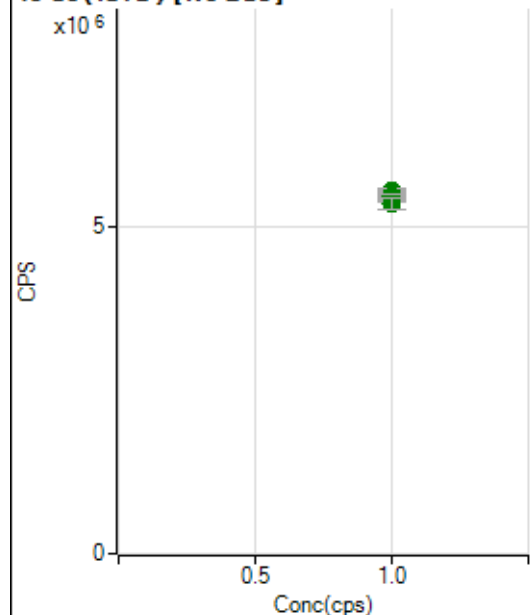
Weight: &lt;None&gt;

Min Conc: 0

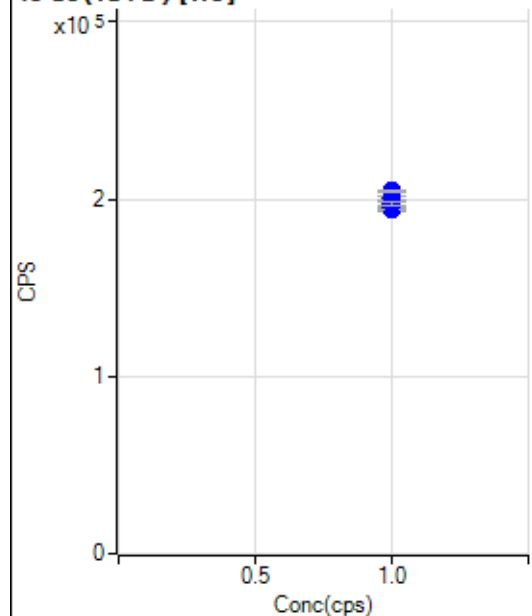
6 Li (ISTD) [No Gas]



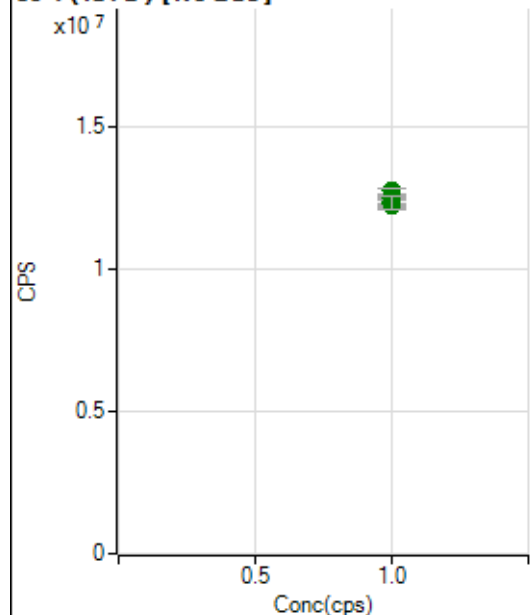
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4619321.60 |       | A        | 1.4 |
| 2 | <input type="checkbox"/> | 1.000 |            | 4603807.14 |       | A        | 1.9 |
| 3 | <input type="checkbox"/> | 1.000 |            | 4583399.32 |       | A        | 1.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4547476.94 |       | A        | 0.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4486190.75 |       | A        | 1.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4399627.81 |       | A        | 1.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4333118.10 |       | A        | 1.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4029372.51 |       | A        | 3.7 |

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

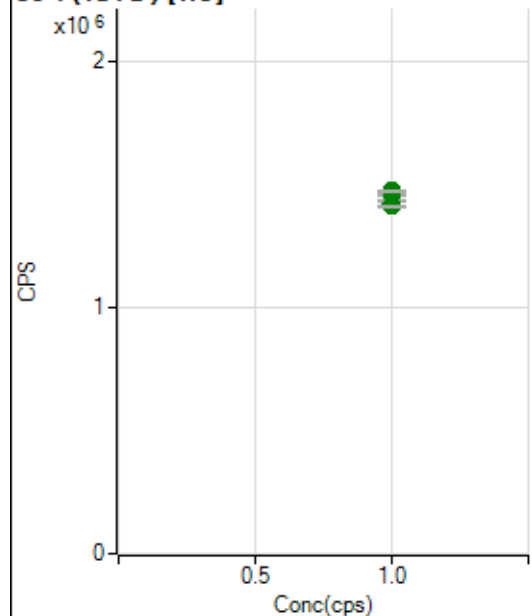
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 5561843.67 |       | A        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            | 5446688.81 |       | A        | 2.0 |
| 3 | <input type="checkbox"/> | 1.000 |            | 5492058.32 |       | A        | 2.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 5523178.11 |       | A        | 3.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 5486219.92 |       | A        | 1.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 5452934.30 |       | A        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 5468578.32 |       | A        | 1.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5358723.98 |       | A        | 3.4 |

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

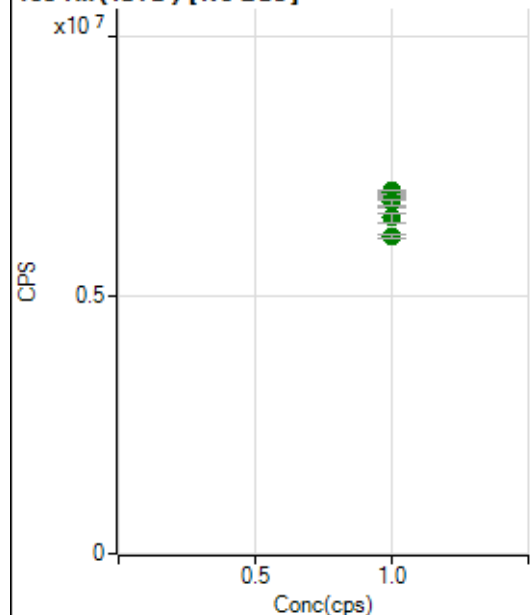
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 199381.69 |       | P        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            | 200743.17 |       | P        | 0.9 |
| 3 | <input type="checkbox"/> | 1.000 |            | 199102.12 |       | P        | 0.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 193816.09 |       | P        | 0.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 194460.72 |       | P        | 1.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 195555.76 |       | P        | 1.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 196967.92 |       | P        | 1.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 204653.21 |       | P        | 0.6 |

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

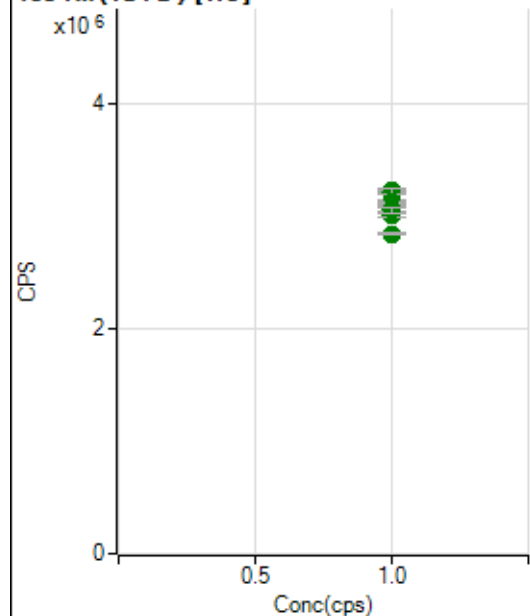
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS         | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 12209283.29 |       | A        | 0.7 |
| 2 | <input type="checkbox"/> | 1.000 |            | 12737994.67 |       | A        | 1.3 |
| 3 | <input type="checkbox"/> | 1.000 |            | 12430435.65 |       | A        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 12344971.48 |       | A        | 1.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 12436460.51 |       | A        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 12438028.57 |       | A        | 0.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 12482517.59 |       | A        | 1.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 12302395.37 |       | A        | 3.9 |

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

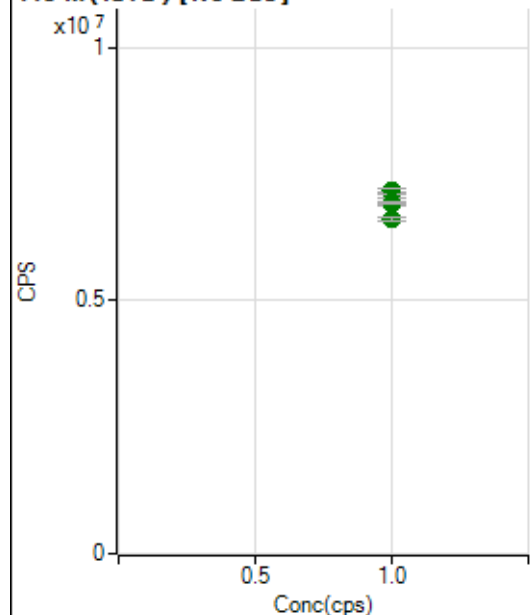
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1452708.03 |       | A        | 1.9 |
| 2 | <input type="checkbox"/> | 1.000 |            | 1466007.58 |       | A        | 1.5 |
| 3 | <input type="checkbox"/> | 1.000 |            | 1423285.62 |       | A        | 1.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1423919.18 |       | A        | 0.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1414492.32 |       | A        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1459781.54 |       | A        | 2.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1465324.11 |       | A        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1476569.32 |       | A        | 0.4 |

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

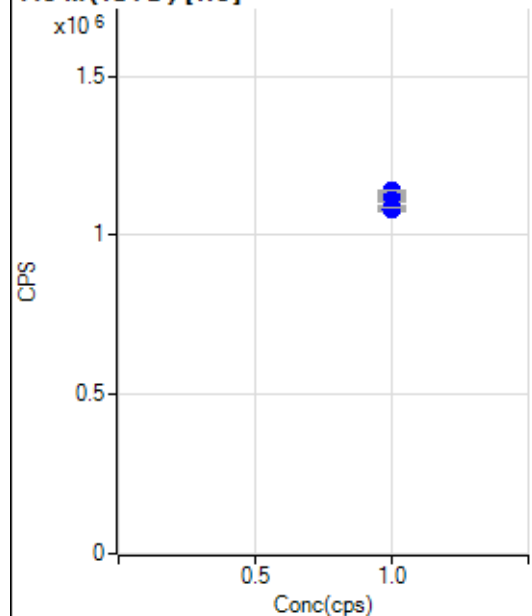
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 6803067.16 |       | A        | 1.9 |
| 2 | <input type="checkbox"/> | 1.000 |            | 7016477.50 |       | A        | 0.7 |
| 3 | <input type="checkbox"/> | 1.000 |            | 6941219.69 |       | A        | 0.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 6978041.30 |       | A        | 1.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 6826709.57 |       | A        | 3.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6789191.90 |       | A        | 1.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6493203.70 |       | A        | 2.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 6127366.20 |       | A        | 1.2 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 3226437.90 |       | A        | 0.8 |
| 2 | <input type="checkbox"/> | 1.000 |            | 3221793.84 |       | A        | 1.4 |
| 3 | <input type="checkbox"/> | 1.000 |            | 3134589.02 |       | A        | 0.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 3114297.38 |       | A        | 1.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 3077821.55 |       | A        | 2.0 |
| 6 | <input type="checkbox"/> | 1.000 |            | 3018137.04 |       | A        | 1.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 3052944.29 |       | A        | 1.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2842904.79 |       | A        | 0.5 |

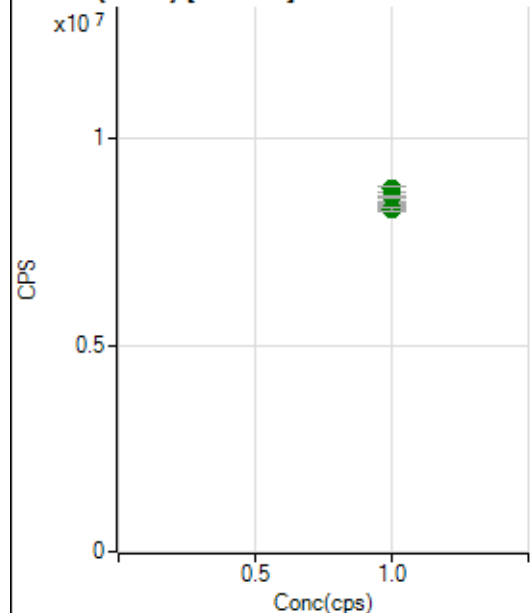
**115 In (ISTD) [No Gas]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 7149191.11 |       | A        | 0.1 |
| 2 | <input type="checkbox"/> | 1.000 |            | 7043123.87 |       | A        | 2.0 |
| 3 | <input type="checkbox"/> | 1.000 |            | 7048928.01 |       | A        | 2.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 7172528.29 |       | A        | 1.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 7036285.87 |       | A        | 1.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 6960212.74 |       | A        | 2.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 6923843.95 |       | A        | 0.6 |
| 8 | <input type="checkbox"/> | 1.000 |            | 6620957.37 |       | A        | 0.9 |

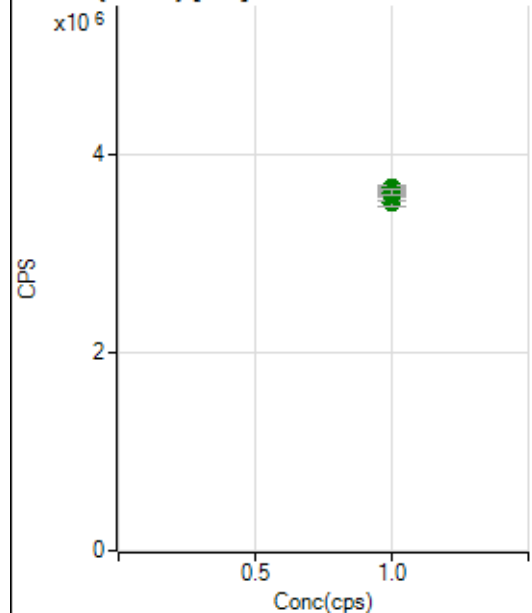
**115 In (ISTD) [He]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1127659.87 |       | P        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            | 1139105.87 |       | P        | 0.5 |
| 3 | <input type="checkbox"/> | 1.000 |            | 1109589.70 |       | P        | 1.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1110523.27 |       | P        | 0.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1105183.44 |       | P        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1088142.64 |       | P        | 1.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1083754.69 |       | P        | 1.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1085758.72 |       | P        | 0.3 |

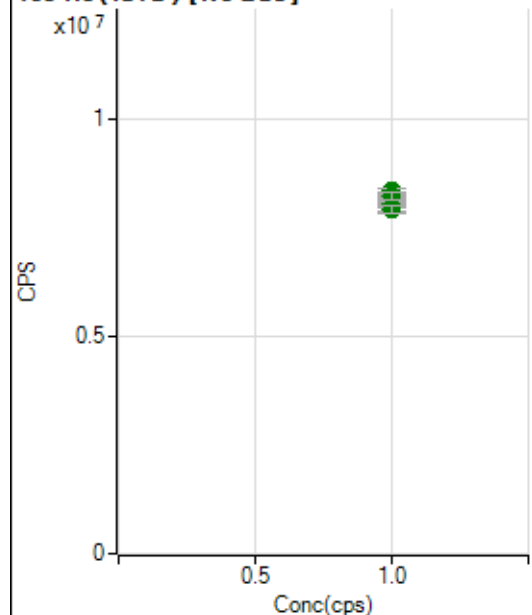


**159 Tb (ISTD) [No Gas]**

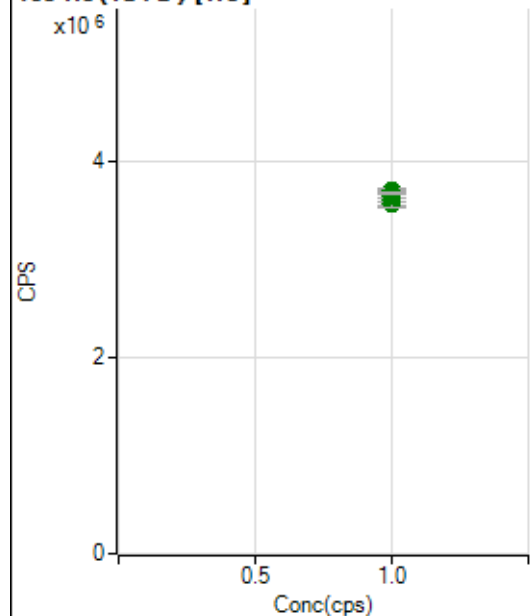
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 8323739.11 |       | A        | 1.6 |
| 2 | <input type="checkbox"/> | 1.000 |            | 8385353.07 |       | A        | 0.1 |
| 3 | <input type="checkbox"/> | 1.000 |            | 8342765.99 |       | A        | 1.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 8411004.53 |       | A        | 0.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 8473718.69 |       | A        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 8787392.23 |       | A        | 1.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 8607802.37 |       | A        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 8268416.89 |       | A        | 1.1 |

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

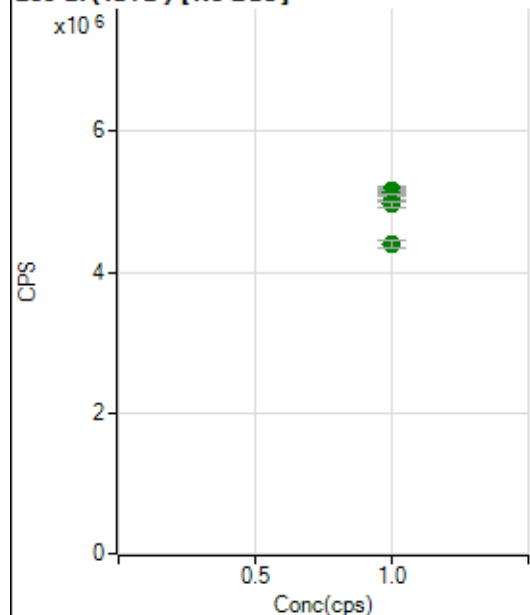
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 3523104.04 |       | A        | 2.5 |
| 2 | <input type="checkbox"/> | 1.000 |            | 3643137.03 |       | A        | 1.4 |
| 3 | <input type="checkbox"/> | 1.000 |            | 3593531.34 |       | A        | 3.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 3595897.58 |       | A        | 0.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 3617960.08 |       | A        | 2.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 3627862.97 |       | A        | 1.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 3663624.04 |       | A        | 1.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3620417.59 |       | A        | 1.3 |

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

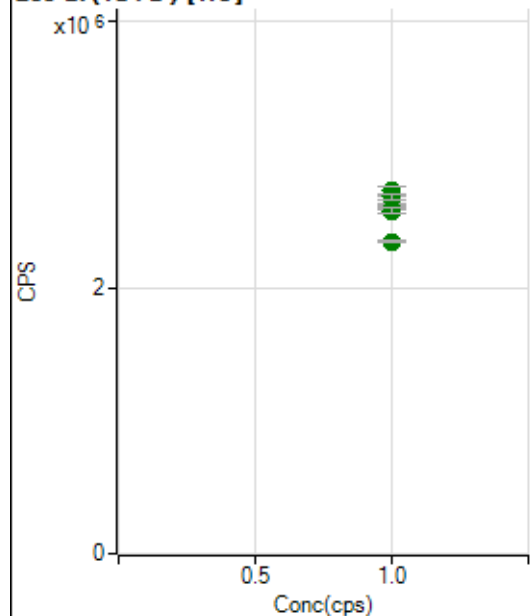
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 7949816.32 |       | A        | 2.4 |
| 2 | <input type="checkbox"/> | 1.000 |            | 8062997.84 |       | A        | 2.4 |
| 3 | <input type="checkbox"/> | 1.000 |            | 8088049.31 |       | A        | 2.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 8140522.32 |       | A        | 1.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 8252353.22 |       | A        | 0.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 8339108.26 |       | A        | 1.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 8208218.76 |       | A        | 2.0 |
| 8 | <input type="checkbox"/> | 1.000 |            | 7909040.54 |       | A        | 2.2 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 3581170.85 |       | A        | 2.1 |
| 2 | <input type="checkbox"/> | 1.000 |            | 3639270.12 |       | A        | 3.2 |
| 3 | <input type="checkbox"/> | 1.000 |            | 3598854.25 |       | A        | 4.5 |
| 4 | <input type="checkbox"/> | 1.000 |            | 3575832.48 |       | A        | 2.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 3697098.59 |       | A        | 1.0 |
| 6 | <input type="checkbox"/> | 1.000 |            | 3660961.96 |       | A        | 1.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 3643050.71 |       | A        | 1.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3669157.27 |       | A        | 0.8 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 5012625.79 |       | A        | 3.7 |
| 2 | <input type="checkbox"/> | 1.000 |            | 5085299.13 |       | A        | 2.2 |
| 3 | <input type="checkbox"/> | 1.000 |            | 5139998.05 |       | A        | 2.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 5152877.87 |       | A        | 1.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 5144063.36 |       | A        | 1.0 |
| 6 | <input type="checkbox"/> | 1.000 |            | 5092778.22 |       | A        | 1.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4961555.72 |       | A        | 1.9 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4396918.44 |       | A        | 2.0 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2699527.04 |       | A        | 0.6 |
| 2 | <input type="checkbox"/> | 1.000 |            | 2727221.56 |       | A        | 2.3 |
| 3 | <input type="checkbox"/> | 1.000 |            | 2625536.33 |       | A        | 0.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2583486.12 |       | A        | 2.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2681743.42 |       | A        | 1.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2592822.81 |       | A        | 0.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2580171.80 |       | A        | 1.1 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2345951.22 |       | A        | 0.5 |

# US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP812222MS.b

Acq. Date-Time 2022-12-22 09:16:01

Report Comment ---

Instrument Name G8403A SG19224459

[No Gas]

## Sensitivity

| Mass | Conc. [ug/l] | Count  | CPS        | Resp (Required) [cps/ug/l] | Resp (Flag) | RSD%   | RSD% (Required) |
|------|--------------|--------|------------|----------------------------|-------------|--------|-----------------|
| 9    |              | 17646  | 176457.49  |                            |             | 0.926  | 5.000           |
| 24   |              | 301628 | 3016277.57 |                            |             | 0.919  | 5.000           |
| 25   |              | 39404  | 394039.54  |                            |             | 1.685  | 5.000           |
| 26   |              | 45405  | 454049.22  |                            |             | 1.275  | 5.000           |
| 59   |              | 86021  | 860209.13  |                            |             | 2.147  | 5.000           |
| 113  |              | 8364   | 83644.31   |                            |             | 1.538  | 5.000           |
| 115  |              | 108466 | 1084662.25 |                            |             | 1.931  | 5.000           |
| 206  |              | 22002  | 220016.12  |                            |             | 1.957  | 5.000           |
| 207  |              | 19677  | 196765.84  |                            |             | 1.076  | 5.000           |
| 208  |              | 46957  | 469573.26  |                            |             | 1.613  | 5.000           |
| 220  |              | 1      | 6.20       |                            |             | 38.928 |                 |

| Mass | RSD% (Flag) |
|------|-------------|
| 9    |             |
| 24   |             |
| 25   |             |
| 26   |             |
| 59   |             |
| 113  |             |
| 115  |             |
| 206  |             |
| 207  |             |
| 208  |             |
| 220  |             |

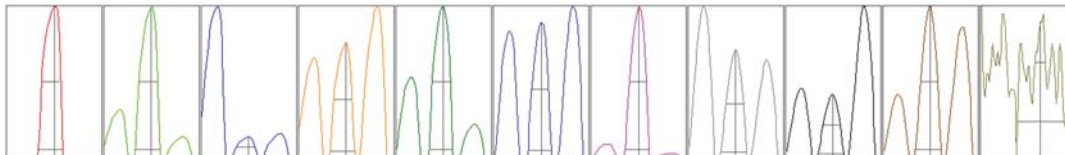
| Mass | Rep#1 Count | Rep#2 Count | Rep#3 Count | Rep#4 Count | Rep#5 Count |
|------|-------------|-------------|-------------|-------------|-------------|
| 9    | 17644       | 17798       | 17769       | 17384       | 17633       |
| 24   | 300118      | 305593      | 303187      | 298561      | 300681      |
| 25   | 38754       | 40252       | 39720       | 38706       | 39589       |
| 26   | 45470       | 45898       | 45856       | 44464       | 45337       |
| 59   | 86117       | 87848       | 87816       | 83880       | 84444       |
| 113  | 8216        | 8457        | 8441        | 8232        | 8475        |
| 115  | 106332      | 110879      | 110553      | 107204      | 107364      |
| 206  | 21653       | 22571       | 22253       | 21520       | 22011       |
| 207  | 19502       | 19869       | 19904       | 19432       | 19676       |
| 208  | 46096       | 47333       | 48023       | 46433       | 46901       |

# US EPA Tune Check Report

| Mass | Rep#1 Count | Rep#2 Count | Rep#3 Count | Rep#4 Count | Rep#5 Count |
|------|-------------|-------------|-------------|-------------|-------------|
| 220  | 1           | 1           | 0           | 0           | 1           |

Integration Time [sec] 0.1

## Resolution/Axis



| Mass | Peak Height | Axis   | Axis (Required) | Axis (Flag) |
|------|-------------|--------|-----------------|-------------|
| 9    | 30862.33    | 9.05   | 8.90 - 9.10     |             |
| 24   | 536254.78   | 24.00  | 23.90 - 24.10   |             |
| 25   | 71811.77    | 25.00  | 24.90 - 25.10   |             |
| 26   | 82682.58    | 26.00  | 25.90 - 26.10   |             |
| 59   | 158506.75   | 59.00  | 58.90 - 59.10   |             |
| 113  | 16606.94    | 113.05 | 112.90 - 113.10 |             |
| 115  | 214778.29   | 115.05 | 114.90 - 115.10 |             |
| 206  | 41934.59    | 206.00 | 205.90 - 206.10 |             |
| 207  | 37821.23    | 207.00 | 206.90 - 207.10 |             |
| 208  | 90870.19    | 208.00 | 207.90 - 208.10 |             |
| 220  | 0.90        | 220.40 | -               |             |

| Mass | W-50% | W-5%  | W-5% (Required) | W-5% (Flag) |
|------|-------|-------|-----------------|-------------|
| 9    | 0.60  | 0.774 | 0.900           |             |
| 24   | 0.60  | 0.782 | 0.900           |             |
| 25   | 0.58  | 0.782 | 0.900           |             |
| 26   | 0.59  | 0.777 | 0.900           |             |
| 59   | 0.57  | 0.738 | 0.900           |             |
| 113  | 0.53  | 0.730 | 0.900           |             |
| 115  | 0.52  | 0.760 | 0.900           |             |
| 206  | 0.55  | 0.814 | 0.900           |             |
| 207  | 0.54  | 0.812 | 0.900           |             |
| 208  | 0.53  | 0.814 | 0.900           |             |
| 220  | 0.33  | 1.455 |                 |             |

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

## Tune Parameters

### Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.87 L/min Dilution Gas 0.40 L/min

# US EPA Tune Check Report

|              |         |                |          |               |            |
|--------------|---------|----------------|----------|---------------|------------|
| RF Power     | 1600 W  | Option Gas     | ---      | Auxiliary Gas | 0.90 L/min |
| RF Matching  | 1.40 V  | Nebulizer Pump | 0.10 rps | Plasma Gas    | 15.0 L/min |
| Sample Depth | 10.0 mm | S/C Temp       | 2 °C     |               |            |

## Lens Parameters

|            |          |               |        |            |        |
|------------|----------|---------------|--------|------------|--------|
| Extract 1  | -6.0 V   | Omega Lens    | 10.3 V | Deflect    | 15.2 V |
| Extract 2  | -235.0 V | Cell Entrance | -30 V  | Plate Bias | -50 V  |
| Omega Bias | -110 V   | Cell Exit     | -50 V  |            |        |

## Cell Parameters

|         |            |              |        |                       |       |
|---------|------------|--------------|--------|-----------------------|-------|
| Use Gas | No         | 3rd Gas Flow | ---    | Energy Discrimination | 4.0 V |
| He Flow | 0.0 mL/min | OctP Bias    | -8.0 V |                       |       |
| H2 Flow | ---        | OctP RF      | 190 V  |                       |       |

## QP Parameters

|             |     |             |        |         |        |
|-------------|-----|-------------|--------|---------|--------|
| Mass Gain   | 123 | Axis Gain   | 0.9993 | QP Bias | -4.0 V |
| Mass Offset | 125 | Axis Offset | -0.02  |         |        |

## Hardware Settings

### Torch

|         |        |         |         |
|---------|--------|---------|---------|
| Torch H | 0.7 mm | Torch V | -0.9 mm |
|---------|--------|---------|---------|

### EM

|               |        |           |        |          |        |
|---------------|--------|-----------|--------|----------|--------|
| Discriminator | 4.6 mV | Analog HV | 2299 V | Pulse HV | 1622 V |
|---------------|--------|-----------|--------|----------|--------|

[He]

## Sensitivity

| Mass | Conc. [ug/l] | Count | CPS       | Resp (Required) [cps/ug/l] | Resp (Flag) | RSD%  | RSD% (Required) |
|------|--------------|-------|-----------|----------------------------|-------------|-------|-----------------|
| 59   |              | 18222 | 182223.33 |                            |             | 2.643 |                 |
| 89   |              | 36989 | 369885.21 |                            |             | 2.010 |                 |
| 205  |              | 15438 | 154384.19 |                            |             | 4.198 |                 |

| Mass | RSD% (Flag) |
|------|-------------|
| 59   |             |
| 89   |             |
| 205  |             |

| Mass | Rep#1 Count | Rep#2 Count | Rep#3 Count | Rep#4 Count | Rep#5 Count |
|------|-------------|-------------|-------------|-------------|-------------|
| 59   | 17374       | 18319       | 18490       | 18391       | 18537       |
| 89   | 35733       | 36969       | 37168       | 37582       | 37491       |
| 205  | 14328       | 15427       | 15726       | 15946       | 15764       |

Integration Time [sec] 0.1

## Tune Parameters

### Plasma Parameters

|              |         |                |            |               |            |
|--------------|---------|----------------|------------|---------------|------------|
| Plasma Mode  | ---     | Nebulizer Gas  | 0.87 L/min | Dilution Gas  | 0.40 L/min |
| RF Power     | 1600 W  | Option Gas     | ---        | Auxiliary Gas | 0.90 L/min |
| RF Matching  | 1.40 V  | Nebulizer Pump | 0.10 rps   | Plasma Gas    | 15.0 L/min |
| Sample Depth | 10.0 mm | S/C Temp       | 2 °C       |               |            |

### Lens Parameters

|           |        |            |        |         |       |
|-----------|--------|------------|--------|---------|-------|
| Extract 1 | -6.0 V | Omega Lens | 10.3 V | Deflect | 4.6 V |
|-----------|--------|------------|--------|---------|-------|

# US EPA Tune Check Report

|            |          |               |       |            |       |
|------------|----------|---------------|-------|------------|-------|
| Extract 2  | -235.0 V | Cell Entrance | -50 V | Plate Bias | -60 V |
| Omega Bias | -110 V   | Cell Exit     | -70 V |            |       |

## Cell Parameters

|         |            |              |         |                       |       |
|---------|------------|--------------|---------|-----------------------|-------|
| Use Gas | Yes        | 3rd Gas Flow | ---     | Energy Discrimination | 5.0 V |
| He Flow | 4.5 mL/min | OctP Bias    | -18.0 V |                       |       |
| H2 Flow | ---        | OctP RF      | 200 V   |                       |       |

## QP Parameters

|             |     |             |        |         |         |
|-------------|-----|-------------|--------|---------|---------|
| Mass Gain   | 123 | Axis Gain   | 0.9993 | QP Bias | -13.0 V |
| Mass Offset | 125 | Axis Offset | -0.02  |         |         |

## Hardware Settings

### Torch

|         |        |         |         |
|---------|--------|---------|---------|
| Torch H | 0.7 mm | Torch V | -0.9 mm |
|---------|--------|---------|---------|

### EM

|               |        |           |        |          |        |
|---------------|--------|-----------|--------|----------|--------|
| Discriminator | 4.6 mV | Analog HV | 2299 V | Pulse HV | 1622 V |
|---------------|--------|-----------|--------|----------|--------|

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | S0                  | Instrumnet Name : | P8        |
| Client Sample ID :     | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 10:07:34 | DataFile Name :   | 004CALB.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.25    | -0.21   | -0.04   | 0.00       | N/A     | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Arsenic    | 75-2  | 0.01    | 0.00    | -0.01   | 0.00       | N/A     | ppb   |
| Barium     | 135-1 | -0.01   | 0.01    | 0.00    | 0.00       | N/A     | ppb   |
| Barium     | 137-1 | 0.00    | -0.01   | 0.01    | 0.00       | N/A     | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Bismuth    | 209-2 |         |         |         | 100        |         | %     |
| Boron      | 10-1  | 0.04    | -0.05   | 0.02    | 0.00       | N/A     | ppb   |
| Boron      | 11-1  | 0.00    | 0.02    | -0.02   | 0.00       | N/A     | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 0.03    | 0.05    | -0.07   | 0.00       | N/A     | ppb   |
| Cadmium    | 106-1 | 0.38    | 0.76    | -1.13   | 0.00       | N/A     | ppb   |
| Cadmium    | 108-1 | -0.01   | 0.14    | -0.13   | 0.00       | N/A     | ppb   |
| Calcium    | 43-1  | 0.59    | -0.19   | -0.40   | 0.00       | N/A     | ppb   |
| Calcium    | 44-1  | 0.06    | -0.29   | 0.23    | 0.00       | N/A     | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 0.02    | -0.03   | 0.02    | 0.00       | N/A     | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Copper     | 63-2  | 0.01    | 0.00    | -0.02   | 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       | 54-2  | -0.15   | 0.03    | 0.12    | 0.00       | N/A     | ppb   |
| Iron       | 56-2  | 0.07    | 0.03    | -0.10   | 0.00       | N/A     | ppb   |
| Iron       | 57-2  | -0.93   | 0.35    | 0.59    | 0.00       | N/A     | ppb   |



|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | S0                  | Instrumnet Name : | P8        |
| Client Sample ID :     | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 10:07:34 | DataFile Name :   | 004CALB.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.00    | 0.01    | -0.01   | 0.00       | N/A     | ppb   |
| Lead       | 207-1 | 0.00    | -0.01   | 0.00    | 0.00       | N/A     | ppb   |
| Lead       | 208-1 | 0.01    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Lithium    | 6-1   |         |         |         | 100        |         | %     |
| Magnesium  | 24-2  | -0.44   | 0.29    | 0.15    | 0.00       | N/A     | ppb   |
| Manganese  | 55-2  | -0.01   | 0.01    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 94-1  | 0.00    | 0.02    | -0.02   | 0.00       | N/A     | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 97-1  | 0.00    | 0.01    | -0.01   | 0.00       | N/A     | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.00    | 0.01    | 0.00       | N/A     | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Phosphorus | 31-2  | -7.11   | -10.63  | -18.30  | -12.01     |         | ppb   |
| Potassium  | 39-2  | -1.67   | -3.48   | 5.15    | 0.00       | N/A     | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Rhodium    | 103-2 |         |         |         | 100        |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 100        |         | %     |
| Selenium   | 82-1  | 0.16    | 0.03    | -0.19   | 0.00       | N/A     | ppb   |
| Selenium   | 77-2  | -0.23   | 0.47    | -0.23   | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.02    | 0.47    | -0.49   | 0.00       | N/A     | ppb   |
| Silicon    | 28-1  | 0.27    | -0.38   | 0.11    | 0.00       | N/A     | ppb   |
| Silver     | 107-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Silver     | 109-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Sodium     | 23-2  | -0.35   | -1.32   | 1.67    | 0.00       | N/A     | ppb   |
| Strontium  | 86-1  | 0.00    | 0.00    | 0.01    | 0.00       | N/A     | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Sulfur     | 34-1  | -79.75  | -218.73 | -149.86 | -149.44    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 100        |         | %     |
| Terbium    | 159-2 |         |         |         | 100        |         | %     |
| Thallium   | 203-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Thallium   | 205-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Tin        | 118-1 | 0.01    | 0.01    | -0.01   | 0.00       | N/A     | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | S0                  | Instrumnet Name : | P8        |
| Client Sample ID :     | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 10:07:34 | DataFile Name :   | 004CALB.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 0.04    | -0.03   | -0.01   | 0.00       | N/A     | ppb   |
| Uranium   | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Vanadium  | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 100        |         | %     |
| Yttrium   | 89-2  |         |         |         | 100        |         | %     |
| Zinc      | 66-2  | -0.03   | 0.01    | 0.03    | 0.00       | N/A     | ppb   |
| Zirconium | 90-1  | 0.00    | 0.01    | 0.00    | 0.00       | N/A     | ppb   |
| Zirconium | 91-1  | 0.00    | -0.01   | 0.01    | 0.00       | N/A     | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | S2                  | Instrumnet Name : | P8        |
| Client Sample ID :     | S2                  | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 10:10:43 | DataFile Name :   | 005CALS.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 20.24   | 19.65   | 20.78   | 20.22      | 2.80    | ppb   |
| Antimony   | 121-1 | 1.77    | 1.92    | 1.78    | 1.82       | 4.72    | ppb   |
| Arsenic    | 75-2  | 0.91    | 0.98    | 1.06    | 0.98       | 7.77    | ppb   |
| Barium     | 135-1 | 8.82    | 8.70    | 8.42    | 8.65       | 2.40    | ppb   |
| Barium     | 137-1 | 8.76    | 9.15    | 8.46    | 8.79       | 3.92    | ppb   |
| Beryllium  | 9-1   | 1.04    | 1.03    | 1.03    | 1.03       | 0.46    | ppb   |
| Bismuth    | 209-1 |         |         |         | 101        |         | %     |
| Bismuth    | 209-2 |         |         |         | 101        |         | %     |
| Boron      | 10-1  | 14.98   | 16.63   | 17.61   | 16.41      | 8.08    | ppb   |
| Boron      | 11-1  | 16.05   | 17.15   | 18.19   | 17.13      | 6.25    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 1.07    | 0.91    | 1.05    | 1.01       | 8.37    | ppb   |
| Cadmium    | 106-1 | 1.15    | 0.49    | 0.66    | 0.77       | 44.91   | ppb   |
| Cadmium    | 108-1 | 0.83    | 0.80    | 0.89    | 0.84       | 5.76    | ppb   |
| Calcium    | 43-1  | 489.33  | 478.03  | 460.63  | 476.00     | 3.04    | ppb   |
| Calcium    | 44-1  | 472.83  | 491.06  | 456.13  | 473.34     | 3.69    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 1.66    | 1.77    | 1.78    | 1.74       | 3.94    | ppb   |
| Cobalt     | 59-2  | 0.95    | 0.95    | 0.89    | 0.93       | 3.57    | ppb   |
| Copper     | 63-2  | 1.96    | 1.78    | 1.86    | 1.87       | 4.94    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 101        |         | %     |
| Holmium    | 165-2 |         |         |         | 102        |         | %     |
| Indium     | 115-1 |         |         |         | 99         |         | %     |
| Indium     | 115-2 |         |         |         | 101        |         | %     |
| Iron       | 54-2  | 52.74   | 50.40   | 47.49   | 50.21      | 5.24    | ppb   |
| Iron       | 56-2  | 51.38   | 49.31   | 47.70   | 49.46      | 3.73    | ppb   |
| Iron       | 57-2  | 52.90   | 48.47   | 45.80   | 49.06      | 7.32    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | S2                  | Instrumnet Name : | P8        |
| Client Sample ID :     | S2                  | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 10:10:43 | DataFile Name :   | 005CALS.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 0.76    | 0.82    | 0.78    | 0.79       | 3.58    | ppb   |
| Lead       | 207-1 | 0.82    | 0.82    | 0.85    | 0.83       | 1.85    | ppb   |
| Lead       | 208-1 | 0.80    | 0.82    | 0.82    | 0.81       | 0.98    | ppb   |
| Lithium    | 6-1   |         |         |         | 100        |         | %     |
| Magnesium  | 24-2  | 504.55  | 502.58  | 481.56  | 496.23     | 2.57    | ppb   |
| Manganese  | 55-2  | 1.14    | 1.00    | 0.89    | 1.01       | 12.55   | ppb   |
| Molybdenum | 94-1  | 5.72    | 5.26    | 5.30    | 5.43       | 4.70    | ppb   |
| Molybdenum | 95-1  | 4.58    | 4.56    | 4.47    | 4.54       | 1.35    | ppb   |
| Molybdenum | 96-1  | 4.76    | 4.61    | 4.58    | 4.65       | 2.05    | ppb   |
| Molybdenum | 97-1  | 4.72    | 4.50    | 4.29    | 4.50       | 4.74    | ppb   |
| Molybdenum | 98-1  | 4.85    | 4.41    | 4.49    | 4.58       | 5.11    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.94    | 0.97    | 0.92    | 0.94       | 3.06    | ppb   |
| Phosphorus | 31-2  | 6.31    | -1.69   | 31.42   | 12.01      | 143.77  | ppb   |
| Potassium  | 39-2  | 467.10  | 458.29  | 465.26  | 463.55     | 1.00    | ppb   |
| Rhodium    | 103-1 |         |         |         | 103        |         | %     |
| Rhodium    | 103-2 |         |         |         | 100        |         | %     |
| Scandium   | 45-1  |         |         |         | 98         |         | %     |
| Scandium   | 45-2  |         |         |         | 101        |         | %     |
| Selenium   | 82-1  | 4.55    | 4.90    | 4.65    | 4.70       | 3.83    | ppb   |
| Selenium   | 77-2  | 3.15    | 2.52    | 3.95    | 3.20       | 22.25   | ppb   |
| Selenium   | 78-2  | 5.10    | 3.39    | 4.84    | 4.44       | 20.78   | ppb   |
| Silicon    | 28-1  | 3.03    | 3.37    | 2.17    | 2.86       | 21.59   | ppb   |
| Silver     | 107-1 | 0.92    | 1.00    | 0.96    | 0.96       | 3.97    | ppb   |
| Silver     | 109-1 | 0.97    | 0.97    | 0.91    | 0.95       | 4.06    | ppb   |
| Sodium     | 23-2  | 489.67  | 486.50  | 467.41  | 481.20     | 2.50    | ppb   |
| Strontium  | 86-1  | 0.85    | 0.90    | 0.82    | 0.86       | 4.65    | ppb   |
| Strontium  | 88-1  | 0.91    | 0.92    | 0.90    | 0.91       | 0.84    | ppb   |
| Sulfur     | 34-1  | 102.41  | 315.28  | 30.64   | 149.44     | 99.06   | ppb   |
| Terbium    | 159-1 |         |         |         | 101        |         | %     |
| Terbium    | 159-2 |         |         |         | 103        |         | %     |
| Thallium   | 203-1 | 0.89    | 0.86    | 0.84    | 0.86       | 2.71    | ppb   |
| Thallium   | 205-1 | 0.89    | 0.87    | 0.85    | 0.87       | 2.00    | ppb   |
| Tin        | 118-1 | 4.67    | 4.78    | 4.63    | 4.69       | 1.69    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | S2                  | Instrumnet Name : | P8        |
| Client Sample ID :     | S2                  | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 10:10:43 | DataFile Name :   | 005CALS.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 5.03    | 4.78    | 3.97    | 4.59       | 12.07   | ppb   |
| Uranium   | 238-1 | 0.82    | 0.85    | 0.83    | 0.83       | 1.60    | ppb   |
| Vanadium  | 51-2  | 4.47    | 4.18    | 4.24    | 4.29       | 3.59    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 104        |         | %     |
| Yttrium   | 89-2  |         |         |         | 101        |         | %     |
| Zinc      | 66-2  | 2.03    | 2.30    | 2.04    | 2.12       | 7.18    | ppb   |
| Zirconium | 90-1  | 0.87    | 0.87    | 0.86    | 0.87       | 0.97    | ppb   |
| Zirconium | 91-1  | 0.89    | 0.82    | 0.91    | 0.87       | 5.33    | ppb   |

|                        |                     |                   |            |
|------------------------|---------------------|-------------------|------------|
| LB Number :            | LB123428            | Operator :        | Jaswal     |
| Lab Sample ID :        | S3                  | Instrumnet Name : | P8         |
| Client Sample ID :     | S3                  | Dilution Factor : | 1          |
| Date & Time Acquired : | 2022-12-22 10:13:54 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1105.82 | 1086.76 | 1085.12 | 1092.56    | 1.05    | ppb   |
| Antimony   | 121-1 | 51.33   | 50.42   | 49.80   | 50.52      | 1.52    | ppb   |
| Arsenic    | 75-2  | 53.56   | 50.89   | 52.40   | 52.28      | 2.56    | ppb   |
| Barium     | 135-1 | 248.91  | 247.08  | 240.17  | 245.39     | 1.88    | ppb   |
| Barium     | 137-1 | 251.94  | 249.69  | 247.71  | 249.78     | 0.85    | ppb   |
| Beryllium  | 9-1   | 51.68   | 52.89   | 52.44   | 52.34      | 1.17    | ppb   |
| Bismuth    | 209-1 |         |         |         | 103        |         | %     |
| Bismuth    | 209-2 |         |         |         | 97         |         | %     |
| Boron      | 10-1  | 46.10   | 51.83   | 51.16   | 49.69      | 6.31    | ppb   |
| Boron      | 11-1  | 50.04   | 54.01   | 54.80   | 52.95      | 4.82    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 54.10   | 54.19   | 53.43   | 53.91      | 0.77    | ppb   |
| Cadmium    | 106-1 | 59.32   | 57.53   | 53.01   | 56.62      | 5.74    | ppb   |
| Cadmium    | 108-1 | 56.48   | 57.12   | 51.14   | 54.92      | 5.98    | ppb   |
| Calcium    | 43-1  | 5834.97 | 5610.72 | 5842.19 | 5762.63    | 2.28    | ppb   |
| Calcium    | 44-1  | 5656.04 | 5440.18 | 5403.21 | 5499.81    | 2.48    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 47.99   | 46.98   | 47.41   | 47.46      | 1.06    | ppb   |
| Cobalt     | 59-2  | 50.02   | 48.57   | 48.68   | 49.09      | 1.64    | ppb   |
| Copper     | 63-2  | 548.79  | 509.90  | 496.71  | 518.47     | 5.22    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 102        |         | %     |
| Holmium    | 165-2 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 99         |         | %     |
| Indium     | 115-2 |         |         |         | 98         |         | %     |
| Iron       | 54-2  | 2820.76 | 2738.04 | 2759.75 | 2772.85    | 1.55    | ppb   |
| Iron       | 56-2  | 2887.62 | 2769.23 | 2820.27 | 2825.70    | 2.10    | ppb   |
| Iron       | 57-2  | 2722.47 | 2630.22 | 2639.45 | 2664.05    | 1.91    | ppb   |

|                        |                     |                   |            |
|------------------------|---------------------|-------------------|------------|
| LB Number :            | LB123428            | Operator :        | Jaswal     |
| Lab Sample ID :        | S3                  | Instrumnet Name : | P8         |
| Client Sample ID :     | S3                  | Dilution Factor : | 1          |
| Date & Time Acquired : | 2022-12-22 10:13:54 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Krypton    | 83-1  |         |         |         |            |         | cps   |
| Lead       | 206-1 | 231.77  | 226.45  | 218.14  | 225.45     | 3.05    | ppb   |
| Lead       | 207-1 | 240.54  | 228.39  | 221.23  | 230.05     | 4.24    | ppb   |
| Lead       | 208-1 | 248.61  | 237.98  | 230.77  | 239.12     | 3.75    | ppb   |
| Lithium    | 6-1   |         |         |         | 99         |         | %     |
| Magnesium  | 24-2  | 5690.70 | 5625.48 | 5537.84 | 5618.01    | 1.37    | ppb   |
| Manganese  | 55-2  | 495.95  | 492.69  | 487.71  | 492.12     | 0.84    | ppb   |
| Molybdenum | 94-1  | 497.88  | 508.66  | 503.93  | 503.49     | 1.07    | ppb   |
| Molybdenum | 95-1  | 509.50  | 509.83  | 497.87  | 505.73     | 1.35    | ppb   |
| Molybdenum | 96-1  | 495.00  | 507.16  | 489.33  | 497.16     | 1.83    | ppb   |
| Molybdenum | 97-1  | 494.96  | 503.65  | 497.26  | 498.62     | 0.90    | ppb   |
| Molybdenum | 98-1  | 499.46  | 502.06  | 488.82  | 496.78     | 1.41    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 52.19   | 50.97   | 51.63   | 51.60      | 1.19    | ppb   |
| Phosphorus | 31-2  | 1086.97 | 981.15  | 1037.94 | 1035.35    | 5.12    | ppb   |
| Potassium  | 39-2  | 2570.16 | 2532.10 | 2585.12 | 2562.46    | 1.07    | ppb   |
| Rhodium    | 103-1 |         |         |         | 102        |         | %     |
| Rhodium    | 103-2 |         |         |         | 97         |         | %     |
| Scandium   | 45-1  |         |         |         | 99         |         | %     |
| Scandium   | 45-2  |         |         |         | 100        |         | %     |
| Selenium   | 82-1  | 53.39   | 54.28   | 52.72   | 53.46      | 1.46    | ppb   |
| Selenium   | 77-2  | 51.31   | 46.54   | 54.41   | 50.75      | 7.81    | ppb   |
| Selenium   | 78-2  | 54.63   | 51.54   | 56.01   | 54.06      | 4.24    | ppb   |
| Silicon    | 28-1  | 56.99   | 53.11   | 55.43   | 55.18      | 3.54    | ppb   |
| Silver     | 107-1 | 55.76   | 54.48   | 52.64   | 54.29      | 2.88    | ppb   |
| Silver     | 109-1 | 53.81   | 53.41   | 52.38   | 53.20      | 1.39    | ppb   |
| Sodium     | 23-2  | 5420.43 | 5373.90 | 5345.03 | 5379.79    | 0.71    | ppb   |
| Strontium  | 86-1  | 1225.28 | 1275.69 | 1265.92 | 1255.63    | 2.13    | ppb   |
| Strontium  | 88-1  | 1238.59 | 1259.58 | 1233.50 | 1243.89    | 1.11    | ppb   |
| Sulfur     | 34-1  | 1393.26 | 1172.70 | 1453.93 | 1339.96    | 11.04   | ppb   |
| Terbium    | 159-1 |         |         |         | 100        |         | %     |
| Terbium    | 159-2 |         |         |         | 102        |         | %     |
| Thallium   | 203-1 | 47.80   | 45.33   | 45.88   | 46.33      | 2.79    | ppb   |
| Thallium   | 205-1 | 48.55   | 47.70   | 46.64   | 47.63      | 2.01    | ppb   |
| Tin        | 118-1 | 50.97   | 51.28   | 50.74   | 51.00      | 0.53    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | S3                  | Instrumnet Name : | P8        |
| Client Sample ID :     | S3                  | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 10:13:54 | DataFile Name :   | 006CALS.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 516.20  | 497.03  | 510.85  | 508.03     | 1.95    | ppb   |
| Uranium   | 238-1 | 47.11   | 45.34   | 44.51   | 45.65      | 2.92    | ppb   |
| Vanadium  | 51-2  | 48.02   | 48.23   | 46.80   | 47.68      | 1.62    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 102        |         | %     |
| Yttrium   | 89-2  |         |         |         | 98         |         | %     |
| Zinc      | 66-2  | 516.64  | 506.94  | 513.95  | 512.51     | 0.98    | ppb   |
| Zirconium | 90-1  | 49.71   | 49.79   | 49.27   | 49.59      | 0.57    | ppb   |
| Zirconium | 91-1  | 50.09   | 49.42   | 48.26   | 49.26      | 1.88    | ppb   |



|                        |                     |                   |            |
|------------------------|---------------------|-------------------|------------|
| LB Number :            | LB123428            | Operator :        | Jaswal     |
| Lab Sample ID :        | S4                  | Instrumnet Name : | P8         |
| Client Sample ID :     | S4                  | Dilution Factor : | 1          |
| Date & Time Acquired : | 2022-12-22 10:17:01 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 2728.77  | 2575.82  | 2623.17  | 2642.59    | 2.96    | ppb   |
| Antimony   | 121-1 | 124.00   | 121.23   | 121.54   | 122.26     | 1.24    | ppb   |
| Arsenic    | 75-2  | 129.51   | 124.74   | 124.41   | 126.22     | 2.26    | ppb   |
| Barium     | 135-1 | 607.88   | 588.29   | 611.37   | 602.51     | 2.06    | ppb   |
| Barium     | 137-1 | 640.68   | 609.04   | 611.42   | 620.38     | 2.84    | ppb   |
| Beryllium  | 9-1   | 127.41   | 129.71   | 124.94   | 127.35     | 1.87    | ppb   |
| Bismuth    | 209-1 |          |          |          | 103        |         | %     |
| Bismuth    | 209-2 |          |          |          | 96         |         | %     |
| Boron      | 10-1  | 121.79   | 128.69   | 126.16   | 125.55     | 2.78    | ppb   |
| Boron      | 11-1  | 128.56   | 138.25   | 136.91   | 134.57     | 3.90    | ppb   |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Cadmium    | 111-1 | 129.37   | 130.48   | 129.27   | 129.71     | 0.52    | ppb   |
| Cadmium    | 106-1 | 131.40   | 139.78   | 134.00   | 135.06     | 3.18    | ppb   |
| Cadmium    | 108-1 | 131.84   | 136.81   | 137.19   | 135.28     | 2.21    | ppb   |
| Calcium    | 43-1  | 13791.32 | 14391.05 | 14152.20 | 14111.53   | 2.14    | ppb   |
| Calcium    | 44-1  | 13263.60 | 13340.92 | 13480.10 | 13361.54   | 0.82    | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Carbon     | 12-2  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-2  |          |          |          |            |         | cps   |
| Chromium   | 52-2  | 119.98   | 115.20   | 115.17   | 116.79     | 2.37    | ppb   |
| Cobalt     | 59-2  | 124.50   | 120.36   | 119.50   | 121.46     | 2.20    | ppb   |
| Copper     | 63-2  | 1336.33  | 1272.65  | 1292.46  | 1300.48    | 2.51    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 102        |         | %     |
| Holmium    | 165-2 |          |          |          | 100        |         | %     |
| Indium     | 115-1 |          |          |          | 100        |         | %     |
| Indium     | 115-2 |          |          |          | 98         |         | %     |
| Iron       | 54-2  | 6964.75  | 6721.98  | 6752.88  | 6813.20    | 1.94    | ppb   |
| Iron       | 56-2  | 7235.66  | 6827.17  | 6853.33  | 6972.05    | 3.28    | ppb   |
| Iron       | 57-2  | 6776.44  | 6562.81  | 6438.06  | 6592.44    | 2.60    | ppb   |

|                        |                     |                   |            |
|------------------------|---------------------|-------------------|------------|
| LB Number :            | LB123428            | Operator :        | Jaswal     |
| Lab Sample ID :        | S4                  | Instrumnet Name : | P8         |
| Client Sample ID :     | S4                  | Dilution Factor : | 1          |
| Date & Time Acquired : | 2022-12-22 10:17:01 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 622.88   | 602.27   | 578.57   | 601.24     | 3.69    | ppb   |
| Lead       | 207-1 | 640.87   | 610.60   | 595.43   | 615.64     | 3.76    | ppb   |
| Lead       | 208-1 | 625.31   | 610.89   | 600.16   | 612.12     | 2.06    | ppb   |
| Lithium    | 6-1   |          |          |          | 98         |         | %     |
| Magnesium  | 24-2  | 14146.17 | 13560.25 | 13753.84 | 13820.09   | 2.16    | ppb   |
| Manganese  | 55-2  | 1309.63  | 1246.02  | 1219.72  | 1258.46    | 3.67    | ppb   |
| Molybdenum | 94-1  | 1257.84  | 1260.79  | 1225.82  | 1248.15    | 1.55    | ppb   |
| Molybdenum | 95-1  | 1235.90  | 1223.73  | 1250.83  | 1236.82    | 1.10    | ppb   |
| Molybdenum | 96-1  | 1221.31  | 1190.14  | 1270.70  | 1227.38    | 3.31    | ppb   |
| Molybdenum | 97-1  | 1237.13  | 1201.55  | 1236.65  | 1225.11    | 1.67    | ppb   |
| Molybdenum | 98-1  | 1224.46  | 1214.04  | 1239.39  | 1225.96    | 1.04    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 129.70   | 126.47   | 125.71   | 127.29     | 1.66    | ppb   |
| Phosphorus | 31-2  | 2571.94  | 2447.81  | 2549.63  | 2523.13    | 2.62    | ppb   |
| Potassium  | 39-2  | 6404.08  | 6129.70  | 6193.07  | 6242.28    | 2.30    | ppb   |
| Rhodium    | 103-1 |          |          |          | 103        |         | %     |
| Rhodium    | 103-2 |          |          |          | 97         |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 97         |         | %     |
| Selenium   | 82-1  | 129.74   | 130.52   | 133.35   | 131.20     | 1.45    | ppb   |
| Selenium   | 77-2  | 142.46   | 119.93   | 123.18   | 128.52     | 9.47    | ppb   |
| Selenium   | 78-2  | 135.60   | 133.56   | 130.37   | 133.18     | 1.98    | ppb   |
| Silicon    | 28-1  | 126.22   | 133.30   | 133.45   | 130.99     | 3.16    | ppb   |
| Silver     | 107-1 | 131.77   | 133.11   | 130.01   | 131.63     | 1.18    | ppb   |
| Silver     | 109-1 | 129.13   | 132.65   | 128.33   | 130.04     | 1.77    | ppb   |
| Sodium     | 23-2  | 13268.67 | 12931.62 | 12802.83 | 13001.04   | 1.85    | ppb   |
| Strontium  | 86-1  | 3034.62  | 3067.51  | 3028.41  | 3043.51    | 0.69    | ppb   |
| Strontium  | 88-1  | 3154.57  | 3135.70  | 3108.45  | 3132.90    | 0.74    | ppb   |
| Sulfur     | 34-1  | 2595.99  | 3335.96  | 3241.43  | 3057.80    | 13.17   | ppb   |
| Terbium    | 159-1 |          |          |          | 101        |         | %     |
| Terbium    | 159-2 |          |          |          | 102        |         | %     |
| Thallium   | 203-1 | 115.94   | 111.02   | 110.17   | 112.38     | 2.77    | ppb   |
| Thallium   | 205-1 | 125.66   | 122.58   | 110.32   | 119.52     | 6.79    | ppb   |
| Tin        | 118-1 | 121.95   | 123.33   | 124.35   | 123.21     | 0.98    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | S4                  | Instrumnet Name : | P8        |
| Client Sample ID :     | S4                  | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 10:17:01 | DataFile Name :   | 007CALS.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 1228.76 | 1235.80 | 1252.13 | 1238.90    | 0.97    | ppb   |
| Uranium   | 238-1 | 118.98  | 118.57  | 115.18  | 117.58     | 1.78    | ppb   |
| Vanadium  | 51-2  | 120.24  | 116.01  | 115.77  | 117.34     | 2.14    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 101        |         | %     |
| Yttrium   | 89-2  |         |         |         | 98         |         | %     |
| Zinc      | 66-2  | 1290.80 | 1237.06 | 1252.13 | 1260.00    | 2.20    | ppb   |
| Zirconium | 90-1  | 125.08  | 124.01  | 124.45  | 124.51     | 0.43    | ppb   |
| Zirconium | 91-1  | 117.68  | 118.97  | 123.89  | 120.18     | 2.73    | ppb   |

|                        |                     |                   |            |
|------------------------|---------------------|-------------------|------------|
| LB Number :            | LB123428            | Operator :        | Jaswal     |
| Lab Sample ID :        | S5                  | Instrumnet Name : | P8         |
| Client Sample ID :     | S5                  | Dilution Factor : | 1          |
| Date & Time Acquired : | 2022-12-22 10:20:09 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 5433.18  | 5366.97  | 5237.80  | 5345.98    | 1.86    | ppb   |
| Antimony   | 121-1 | 249.62   | 255.87   | 255.57   | 253.69     | 1.39    | ppb   |
| Arsenic    | 75-2  | 265.63   | 256.00   | 254.50   | 258.71     | 2.33    | ppb   |
| Barium     | 135-1 | 1285.48  | 1312.65  | 1278.15  | 1292.10    | 1.41    | ppb   |
| Barium     | 137-1 | 1247.17  | 1265.33  | 1285.09  | 1265.86    | 1.50    | ppb   |
| Beryllium  | 9-1   | 262.97   | 260.94   | 249.48   | 257.80     | 2.82    | ppb   |
| Bismuth    | 209-1 |          |          |          | 103        |         | %     |
| Bismuth    | 209-2 |          |          |          | 99         |         | %     |
| Boron      | 10-1  | 249.27   | 259.90   | 257.33   | 255.50     | 2.17    | ppb   |
| Boron      | 11-1  | 270.77   | 276.07   | 271.84   | 272.90     | 1.03    | ppb   |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Cadmium    | 111-1 | 260.26   | 265.46   | 258.21   | 261.31     | 1.43    | ppb   |
| Cadmium    | 106-1 | 251.54   | 276.89   | 270.83   | 266.42     | 4.97    | ppb   |
| Cadmium    | 108-1 | 260.59   | 269.99   | 267.23   | 265.94     | 1.82    | ppb   |
| Calcium    | 43-1  | 28762.62 | 28811.61 | 28539.74 | 28704.66   | 0.50    | ppb   |
| Calcium    | 44-1  | 28126.04 | 27226.23 | 26290.41 | 27214.23   | 3.37    | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Carbon     | 12-2  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-2  |          |          |          |            |         | cps   |
| Chromium   | 52-2  | 243.93   | 242.10   | 234.25   | 240.09     | 2.14    | ppb   |
| Cobalt     | 59-2  | 248.39   | 247.15   | 243.50   | 246.34     | 1.03    | ppb   |
| Copper     | 63-2  | 2646.56  | 2606.46  | 2546.09  | 2599.70    | 1.95    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 104        |         | %     |
| Holmium    | 165-2 |          |          |          | 103        |         | %     |
| Indium     | 115-1 |          |          |          | 98         |         | %     |
| Indium     | 115-2 |          |          |          | 98         |         | %     |
| Iron       | 54-2  | 14235.15 | 14009.95 | 13741.17 | 13995.42   | 1.77    | ppb   |
| Iron       | 56-2  | 14714.43 | 14480.54 | 14114.33 | 14436.43   | 2.10    | ppb   |
| Iron       | 57-2  | 13458.34 | 13739.14 | 13137.22 | 13444.90   | 2.24    | ppb   |

|                        |                     |                   |            |
|------------------------|---------------------|-------------------|------------|
| LB Number :            | LB123428            | Operator :        | Jaswal     |
| Lab Sample ID :        | S5                  | Instrumnet Name : | P8         |
| Client Sample ID :     | S5                  | Dilution Factor : | 1          |
| Date & Time Acquired : | 2022-12-22 10:20:09 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 1256.35  | 1230.39  | 1205.74  | 1230.82    | 2.06    | ppb   |
| Lead       | 207-1 | 1247.51  | 1225.80  | 1233.64  | 1235.65    | 0.89    | ppb   |
| Lead       | 208-1 | 1244.51  | 1230.22  | 1229.23  | 1234.65    | 0.69    | ppb   |
| Lithium    | 6-1   |          |          |          | 97         |         | %     |
| Magnesium  | 24-2  | 28041.65 | 28322.08 | 27583.24 | 27982.32   | 1.33    | ppb   |
| Manganese  | 55-2  | 2643.75  | 2573.66  | 2541.64  | 2586.35    | 2.02    | ppb   |
| Molybdenum | 94-1  | 2513.27  | 2501.29  | 2532.87  | 2515.81    | 0.63    | ppb   |
| Molybdenum | 95-1  | 2490.61  | 2536.50  | 2514.53  | 2513.88    | 0.91    | ppb   |
| Molybdenum | 96-1  | 2474.89  | 2538.47  | 2449.83  | 2487.73    | 1.84    | ppb   |
| Molybdenum | 97-1  | 2489.47  | 2540.00  | 2475.48  | 2501.65    | 1.36    | ppb   |
| Molybdenum | 98-1  | 2464.03  | 2524.06  | 2478.14  | 2488.74    | 1.26    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 260.85   | 255.93   | 250.25   | 255.68     | 2.07    | ppb   |
| Phosphorus | 31-2  | 5310.95  | 5196.30  | 5114.60  | 5207.28    | 1.89    | ppb   |
| Potassium  | 39-2  | 13108.01 | 13135.49 | 13086.99 | 13110.16   | 0.19    | ppb   |
| Rhodium    | 103-1 |          |          |          | 100        |         | %     |
| Rhodium    | 103-2 |          |          |          | 95         |         | %     |
| Scandium   | 45-1  |          |          |          | 99         |         | %     |
| Scandium   | 45-2  |          |          |          | 98         |         | %     |
| Selenium   | 82-1  | 263.75   | 262.63   | 261.19   | 262.52     | 0.49    | ppb   |
| Selenium   | 77-2  | 260.08   | 270.90   | 274.50   | 268.49     | 2.79    | ppb   |
| Selenium   | 78-2  | 269.34   | 265.89   | 260.86   | 265.36     | 1.61    | ppb   |
| Silicon    | 28-1  | 271.41   | 265.59   | 269.54   | 268.85     | 1.10    | ppb   |
| Silver     | 107-1 | 256.22   | 276.26   | 278.40   | 270.29     | 4.53    | ppb   |
| Silver     | 109-1 | 277.13   | 276.11   | 269.65   | 274.30     | 1.48    | ppb   |
| Sodium     | 23-2  | 26756.31 | 26523.65 | 26716.83 | 26665.60   | 0.47    | ppb   |
| Strontium  | 86-1  | 6082.76  | 6161.98  | 6064.19  | 6102.98    | 0.85    | ppb   |
| Strontium  | 88-1  | 6229.54  | 6326.70  | 6047.74  | 6201.32    | 2.28    | ppb   |
| Sulfur     | 34-1  | 6194.73  | 5884.92  | 6100.36  | 6060.01    | 2.62    | ppb   |
| Terbium    | 159-1 |          |          |          | 102        |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 238.02   | 236.63   | 239.11   | 237.92     | 0.52    | ppb   |
| Thallium   | 205-1 | 251.11   | 251.31   | 246.91   | 249.78     | 1.00    | ppb   |
| Tin        | 118-1 | 256.51   | 254.55   | 251.12   | 254.06     | 1.07    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | S5                  | Instrumnet Name : | P8        |
| Client Sample ID :     | S5                  | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 10:20:09 | DataFile Name :   | 008CALS.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 2478.11 | 2503.30 | 2549.40 | 2510.27    | 1.44    | ppb   |
| Uranium   | 238-1 | 243.64  | 230.76  | 245.59  | 240.00     | 3.36    | ppb   |
| Vanadium  | 51-2  | 245.31  | 241.06  | 237.60  | 241.33     | 1.60    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 102        |         | %     |
| Yttrium   | 89-2  |         |         |         | 97         |         | %     |
| Zinc      | 66-2  | 2560.54 | 2536.35 | 2458.66 | 2518.52    | 2.11    | ppb   |
| Zirconium | 90-1  | 259.24  | 257.62  | 252.69  | 256.52     | 1.33    | ppb   |
| Zirconium | 91-1  | 248.64  | 247.37  | 246.99  | 247.67     | 0.35    | ppb   |

|                        |                     |                   |            |
|------------------------|---------------------|-------------------|------------|
| LB Number :            | LB123428            | Operator :        | Jaswal     |
| Lab Sample ID :        | S6                  | Instrumnet Name : | P8         |
| Client Sample ID :     | S6                  | Dilution Factor : | 1          |
| Date & Time Acquired : | 2022-12-22 10:23:16 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 10654.32 | 10339.57 | 10269.49 | 10421.13   | 1.97    | ppb   |
| Antimony   | 121-1 | 500.20   | 486.99   | 483.13   | 490.11     | 1.83    | ppb   |
| Arsenic    | 75-2  | 498.47   | 504.84   | 477.14   | 493.48     | 2.94    | ppb   |
| Barium     | 135-1 | 2392.85  | 2431.32  | 2483.79  | 2435.99    | 1.87    | ppb   |
| Barium     | 137-1 | 2512.78  | 2410.93  | 2435.42  | 2453.04    | 2.17    | ppb   |
| Beryllium  | 9-1   | 528.47   | 504.18   | 506.54   | 513.06     | 2.61    | ppb   |
| Bismuth    | 209-1 |          |          |          | 102        |         | %     |
| Bismuth    | 209-2 |          |          |          | 96         |         | %     |
| Boron      | 10-1  | 487.26   | 491.65   | 502.25   | 493.72     | 1.56    | ppb   |
| Boron      | 11-1  | 484.91   | 483.66   | 508.05   | 492.21     | 2.79    | ppb   |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Cadmium    | 111-1 | 480.74   | 472.74   | 486.78   | 480.09     | 1.47    | ppb   |
| Cadmium    | 106-1 | 491.88   | 476.43   | 498.42   | 488.91     | 2.31    | ppb   |
| Cadmium    | 108-1 | 491.77   | 499.12   | 507.92   | 499.60     | 1.62    | ppb   |
| Calcium    | 43-1  | 57805.76 | 56925.61 | 59043.39 | 57924.92   | 1.84    | ppb   |
| Calcium    | 44-1  | 52858.31 | 53052.69 | 52340.17 | 52750.39   | 0.70    | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Carbon     | 12-2  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-2  |          |          |          |            |         | cps   |
| Chromium   | 52-2  | 483.90   | 469.43   | 467.58   | 473.64     | 1.89    | ppb   |
| Cobalt     | 59-2  | 518.38   | 488.38   | 494.78   | 500.51     | 3.16    | ppb   |
| Copper     | 63-2  | 5095.42  | 4896.29  | 4913.88  | 4968.53    | 2.22    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 105        |         | %     |
| Holmium    | 165-2 |          |          |          | 102        |         | %     |
| Indium     | 115-1 |          |          |          | 97         |         | %     |
| Indium     | 115-2 |          |          |          | 96         |         | %     |
| Iron       | 54-2  | 29230.37 | 28894.73 | 28487.84 | 28870.98   | 1.29    | ppb   |
| Iron       | 56-2  | 28336.57 | 27507.13 | 27213.86 | 27685.85   | 2.10    | ppb   |
| Iron       | 57-2  | 27145.02 | 25929.82 | 25950.35 | 26341.73   | 2.64    | ppb   |

|                        |                     |                   |            |
|------------------------|---------------------|-------------------|------------|
| LB Number :            | LB123428            | Operator :        | Jaswal     |
| Lab Sample ID :        | S6                  | Instrumnet Name : | P8         |
| Client Sample ID :     | S6                  | Dilution Factor : | 1          |
| Date & Time Acquired : | 2022-12-22 10:23:16 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 2441.10  | 2453.75  | 2469.66  | 2454.84    | 0.58    | ppb   |
| Lead       | 207-1 | 2543.09  | 2463.19  | 2365.34  | 2457.21    | 3.62    | ppb   |
| Lead       | 208-1 | 2510.91  | 2455.69  | 2414.65  | 2460.42    | 1.96    | ppb   |
| Lithium    | 6-1   |          |          |          | 95         |         | %     |
| Magnesium  | 24-2  | 55547.93 | 52804.09 | 53843.27 | 54065.09   | 2.56    | ppb   |
| Manganese  | 55-2  | 5178.30  | 5088.17  | 4924.32  | 5063.60    | 2.54    | ppb   |
| Molybdenum | 94-1  | 5049.94  | 4926.07  | 4867.51  | 4947.84    | 1.88    | ppb   |
| Molybdenum | 95-1  | 4973.63  | 4936.22  | 4793.68  | 4901.18    | 1.94    | ppb   |
| Molybdenum | 96-1  | 4988.13  | 4890.14  | 4854.90  | 4911.05    | 1.41    | ppb   |
| Molybdenum | 97-1  | 5022.14  | 4959.58  | 4819.37  | 4933.70    | 2.10    | ppb   |
| Molybdenum | 98-1  | 4926.51  | 5014.49  | 4835.62  | 4925.54    | 1.82    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 516.81   | 492.49   | 492.09   | 500.47     | 2.83    | ppb   |
| Phosphorus | 31-2  | 10539.86 | 9745.79  | 9901.95  | 10062.53   | 4.18    | ppb   |
| Potassium  | 39-2  | 26691.63 | 25170.57 | 25652.90 | 25838.37   | 3.01    | ppb   |
| Rhodium    | 103-1 |          |          |          | 100        |         | %     |
| Rhodium    | 103-2 |          |          |          | 94         |         | %     |
| Scandium   | 45-1  |          |          |          | 98         |         | %     |
| Scandium   | 45-2  |          |          |          | 98         |         | %     |
| Selenium   | 82-1  | 510.90   | 504.35   | 506.34   | 507.20     | 0.66    | ppb   |
| Selenium   | 77-2  | 501.37   | 553.50   | 468.15   | 507.67     | 8.47    | ppb   |
| Selenium   | 78-2  | 503.20   | 512.83   | 482.58   | 499.54     | 3.09    | ppb   |
| Silicon    | 28-1  | 493.47   | 489.49   | 491.17   | 491.38     | 0.41    | ppb   |
| Silver     | 107-1 | 509.51   | 497.04   | 512.64   | 506.40     | 1.63    | ppb   |
| Silver     | 109-1 | 502.79   | 503.73   | 514.10   | 506.87     | 1.24    | ppb   |
| Sodium     | 23-2  | 52893.76 | 51762.75 | 52167.56 | 52274.69   | 1.10    | ppb   |
| Strontium  | 86-1  | 12375.00 | 11964.87 | 12135.03 | 12158.30   | 1.69    | ppb   |
| Strontium  | 88-1  | 12501.96 | 12384.34 | 12271.60 | 12385.97   | 0.93    | ppb   |
| Sulfur     | 34-1  | 12195.02 | 11718.31 | 11741.14 | 11884.83   | 2.26    | ppb   |
| Terbium    | 159-1 |          |          |          | 106        |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 499.14   | 486.51   | 497.71   | 494.45     | 1.40    | ppb   |
| Thallium   | 205-1 | 482.20   | 498.90   | 493.11   | 491.41     | 1.73    | ppb   |
| Tin        | 118-1 | 491.63   | 479.43   | 480.76   | 483.94     | 1.38    | ppb   |



|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | S6                  | Instrumnet Name : | P8        |
| Client Sample ID :     | S6                  | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 10:23:16 | DataFile Name :   | 009CALS.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 5019.11 | 4907.47 | 4954.36 | 4960.31    | 1.13    | ppb   |
| Uranium   | 238-1 | 491.11  | 496.00  | 481.79  | 489.63     | 1.47    | ppb   |
| Vanadium  | 51-2  | 485.84  | 474.71  | 470.85  | 477.13     | 1.63    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 102        |         | %     |
| Yttrium   | 89-2  |         |         |         | 100        |         | %     |
| Zinc      | 66-2  | 5147.19 | 5006.13 | 5034.15 | 5062.49    | 1.48    | ppb   |
| Zirconium | 90-1  | 500.50  | 494.67  | 488.38  | 494.52     | 1.23    | ppb   |
| Zirconium | 91-1  | 511.50  | 510.27  | 491.77  | 504.51     | 2.19    | ppb   |

|                        |                     |                   |            |
|------------------------|---------------------|-------------------|------------|
| LB Number :            | LB123428            | Operator :        | Jaswal     |
| Lab Sample ID :        | S7                  | Instrumnet Name : | P8         |
| Client Sample ID :     | S7                  | Dilution Factor : | 1          |
| Date & Time Acquired : | 2022-12-22 10:26:24 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 21734.68  | 21902.63  | 20948.96  | 21528.76   | 2.36    | ppb   |
| Antimony   | 121-1 | 1010.35   | 1015.14   | 987.54    | 1004.34    | 1.47    | ppb   |
| Arsenic    | 75-2  | 1032.64   | 986.15    | 983.65    | 1000.81    | 2.76    | ppb   |
| Barium     | 135-1 | 4956.39   | 5073.25   | 5043.94   | 5024.53    | 1.21    | ppb   |
| Barium     | 137-1 | 5076.50   | 5065.60   | 4918.21   | 5020.10    | 1.76    | ppb   |
| Beryllium  | 9-1   | 987.27    | 997.14    | 988.92    | 991.11     | 0.53    | ppb   |
| Bismuth    | 209-1 |           |           |           | 99         |         | %     |
| Bismuth    | 209-2 |           |           |           | 96         |         | %     |
| Boron      | 10-1  | 983.66    | 1007.53   | 1014.59   | 1001.93    | 1.62    | ppb   |
| Boron      | 11-1  | 983.75    | 999.07    | 1008.26   | 997.03     | 1.24    | ppb   |
| Bromine    | 81-1  |           |           |           |            |         | cps   |
| Cadmium    | 111-1 | 1007.75   | 1005.02   | 1006.26   | 1006.34    | 0.14    | ppb   |
| Cadmium    | 106-1 | 999.25    | 1004.04   | 996.26    | 999.85     | 0.39    | ppb   |
| Cadmium    | 108-1 | 996.54    | 989.77    | 997.74    | 994.68     | 0.43    | ppb   |
| Calcium    | 43-1  | 118911.46 | 115693.19 | 113812.51 | 116139.05  | 2.22    | ppb   |
| Calcium    | 44-1  | 106522.12 | 108402.08 | 106237.38 | 107053.86  | 1.10    | ppb   |
| Carbon     | 12-1  |           |           |           |            |         | cps   |
| Carbon     | 12-2  |           |           |           |            |         | cps   |
| Chlorine   | 35-1  |           |           |           |            |         | cps   |
| Chlorine   | 35-2  |           |           |           |            |         | cps   |
| Chromium   | 52-2  | 1033.99   | 1021.34   | 995.10    | 1016.81    | 1.95    | ppb   |
| Cobalt     | 59-2  | 1027.07   | 999.56    | 976.81    | 1001.15    | 2.51    | ppb   |
| Copper     | 63-2  | 10218.11  | 9851.30   | 9881.33   | 9983.58    | 2.04    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 103        |         | %     |
| Holmium    | 165-2 |           |           |           | 102        |         | %     |
| Indium     | 115-1 |           |           |           | 97         |         | %     |
| Indium     | 115-2 |           |           |           | 96         |         | %     |
| Iron       | 54-2  | 57401.43  | 57432.14  | 55691.41  | 56841.66   | 1.75    | ppb   |
| Iron       | 56-2  | 55393.61  | 55893.05  | 53603.76  | 54963.47   | 2.19    | ppb   |
| Iron       | 57-2  | 56361.71  | 56037.70  | 54955.81  | 55785.07   | 1.32    | ppb   |

|                        |                     |                   |            |
|------------------------|---------------------|-------------------|------------|
| LB Number :            | LB123428            | Operator :        | Jaswal     |
| Lab Sample ID :        | S7                  | Instrumnet Name : | P8         |
| Client Sample ID :     | S7                  | Dilution Factor : | 1          |
| Date & Time Acquired : | 2022-12-22 10:26:24 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 5105.50   | 5080.79   | 4908.43   | 5031.57    | 2.13    | ppb   |
| Lead       | 207-1 | 5076.29   | 5018.07   | 4987.10   | 5027.15    | 0.90    | ppb   |
| Lead       | 208-1 | 5067.81   | 5037.53   | 4972.01   | 5025.78    | 0.97    | ppb   |
| Lithium    | 6-1   |           |           |           | 94         |         | %     |
| Magnesium  | 24-2  | 108640.77 | 108983.55 | 108077.78 | 108567.37  | 0.42    | ppb   |
| Manganese  | 55-2  | 10063.05  | 10090.04  | 9684.75   | 9945.95    | 2.28    | ppb   |
| Molybdenum | 94-1  | 10019.84  | 10035.53  | 10011.18  | 10022.18   | 0.12    | ppb   |
| Molybdenum | 95-1  | 10099.72  | 9965.92   | 10076.27  | 10047.30   | 0.71    | ppb   |
| Molybdenum | 96-1  | 10414.80  | 9872.09   | 9864.64   | 10050.51   | 3.14    | ppb   |
| Molybdenum | 97-1  | 10353.10  | 9754.11   | 10000.54  | 10035.92   | 3.00    | ppb   |
| Molybdenum | 98-1  | 10162.37  | 9932.23   | 10035.04  | 10043.21   | 1.15    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 1015.21   | 992.33    | 986.41    | 997.98     | 1.52    | ppb   |
| Phosphorus | 31-2  | 20235.22  | 19933.76  | 19567.79  | 19912.26   | 1.68    | ppb   |
| Potassium  | 39-2  | 51579.16  | 51037.17  | 50919.17  | 51178.50   | 0.69    | ppb   |
| Rhodium    | 103-1 |           |           |           | 95         |         | %     |
| Rhodium    | 103-2 |           |           |           | 95         |         | %     |
| Scandium   | 45-1  |           |           |           | 98         |         | %     |
| Scandium   | 45-2  |           |           |           | 99         |         | %     |
| Selenium   | 82-1  | 1001.90   | 982.19    | 992.87    | 992.32     | 0.99    | ppb   |
| Selenium   | 77-2  | 990.08    | 982.31    | 1000.83   | 991.07     | 0.94    | ppb   |
| Selenium   | 78-2  | 1031.16   | 979.63    | 974.71    | 995.17     | 3.14    | ppb   |
| Silicon    | 28-1  | 996.77    | 1021.93   | 977.29    | 998.66     | 2.24    | ppb   |
| Silver     | 107-1 | 980.27    | 992.44    | 999.34    | 990.68     | 0.97    | ppb   |
| Silver     | 109-1 | 1006.13   | 977.53    | 985.44    | 989.70     | 1.49    | ppb   |
| Sodium     | 23-2  | 106298.02 | 107630.93 | 103607.42 | 105845.45  | 1.94    | ppb   |
| Strontium  | 86-1  | 26018.68  | 24837.15  | 24750.24  | 25202.03   | 2.81    | ppb   |
| Strontium  | 88-1  | 25858.37  | 24758.69  | 24541.11  | 25052.72   | 2.82    | ppb   |
| Sulfur     | 34-1  | 18890.32  | 19243.20  | 17984.07  | 18705.86   | 3.47    | ppb   |
| Terbium    | 159-1 |           |           |           | 103        |         | %     |
| Terbium    | 159-2 |           |           |           | 104        |         | %     |
| Thallium   | 203-1 | 1026.39   | 967.04    | 1029.25   | 1007.56    | 3.49    | ppb   |
| Thallium   | 205-1 | 1022.22   | 988.08    | 1005.17   | 1005.16    | 1.70    | ppb   |
| Tin        | 118-1 | 1037.40   | 990.86    | 993.31    | 1007.19    | 2.60    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | S7                  | Instrumnet Name : | P8        |
| Client Sample ID :     | S7                  | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 10:26:24 | DataFile Name :   | 010CALS.d |

| Parameter | Mass  | ConRep1  | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|----------|----------|---------|------------|---------|-------|
| Titanium  | 47-1  | 10224.14 | 9935.29  | 9895.36 | 10018.26   | 1.79    | ppb   |
| Uranium   | 238-1 | 1020.05  | 1007.58  | 998.86  | 1008.83    | 1.06    | ppb   |
| Vanadium  | 51-2  | 1023.65  | 1017.52  | 1002.87 | 1014.68    | 1.05    | ppb   |
| Ytterbium | 172-1 |          |          |         |            |         | cps   |
| Ytterbium | 172-2 |          |          |         |            |         | cps   |
| Ytterbium | 176-1 |          |          |         |            |         | cps   |
| Ytterbium | 176-2 |          |          |         |            |         | cps   |
| Yttrium   | 89-1  |          |          |         | 102        |         | %     |
| Yttrium   | 89-2  |          |          |         | 101        |         | %     |
| Zinc      | 66-2  | 10137.15 | 10014.82 | 9734.78 | 9962.25    | 2.07    | ppb   |
| Zirconium | 90-1  | 1013.39  | 1003.52  | 986.67  | 1001.19    | 1.35    | ppb   |
| Zirconium | 91-1  | 1003.52  | 996.41   | 996.98  | 998.97     | 0.40    | ppb   |

|                        |                     |                   |            |
|------------------------|---------------------|-------------------|------------|
| LB Number :            | LB123428            | Operator :        | Jaswal     |
| Lab Sample ID :        | S8                  | Instrumnet Name : | P8         |
| Client Sample ID :     | S8                  | Dilution Factor : | 1          |
| Date & Time Acquired : | 2022-12-22 10:29:31 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 99783.67  | 100147.68 | 98959.69  | 99630.35   | 0.61    | ppb   |
| Antimony   | 121-1 | 0.56      | 0.79      | 0.69      | 0.68       | 16.72   | ppb   |
| Arsenic    | 75-2  | 0.29      | 0.25      | 0.25      | 0.26       | 8.17    | ppb   |
| Barium     | 135-1 | 3.25      | 3.65      | 2.74      | 3.21       | 14.28   | ppb   |
| Barium     | 137-1 | 3.17      | 3.70      | 2.79      | 3.22       | 14.23   | ppb   |
| Beryllium  | 9-1   | 0.27      | 0.40      | 0.18      | 0.28       | 38.87   | ppb   |
| Bismuth    | 209-1 |           |           |           | 88         |         | %     |
| Bismuth    | 209-2 |           |           |           | 87         |         | %     |
| Boron      | 10-1  | 84.50     | 74.04     | 69.20     | 75.91      | 10.31   | ppb   |
| Boron      | 11-1  | 90.80     | 77.56     | 74.74     | 81.04      | 10.58   | ppb   |
| Bromine    | 81-1  |           |           |           |            |         | cps   |
| Cadmium    | 111-1 | 0.40      | 0.58      | 0.27      | 0.42       | 36.77   | ppb   |
| Cadmium    | 106-1 | 0.19      | 0.77      | -0.66     | 0.10       | 729.52  | ppb   |
| Cadmium    | 108-1 | 0.70      | 0.41      | 0.39      | 0.50       | 34.28   | ppb   |
| Calcium    | 43-1  | 524932.00 | 487344.36 | 474963.36 | 495746.57  | 5.25    | ppb   |
| Calcium    | 44-1  | 522570.08 | 488485.07 | 483475.75 | 498176.97  | 4.27    | ppb   |
| Carbon     | 12-1  |           |           |           |            |         | cps   |
| Carbon     | 12-2  |           |           |           |            |         | cps   |
| Chlorine   | 35-1  |           |           |           |            |         | cps   |
| Chlorine   | 35-2  |           |           |           |            |         | cps   |
| Chromium   | 52-2  | 5.88      | 5.81      | 5.79      | 5.83       | 0.83    | ppb   |
| Cobalt     | 59-2  | 0.86      | 0.81      | 0.81      | 0.82       | 3.55    | ppb   |
| Copper     | 63-2  | 2.15      | 2.21      | 2.17      | 2.17       | 1.46    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 99         |         | %     |
| Holmium    | 165-2 |           |           |           | 102        |         | %     |
| Indium     | 115-1 |           |           |           | 93         |         | %     |
| Indium     | 115-2 |           |           |           | 96         |         | %     |
| Iron       | 54-2  | 246635.58 | 252786.19 | 245037.20 | 248152.99  | 1.65    | ppb   |
| Iron       | 56-2  | 249615.34 | 251794.45 | 244451.98 | 248620.59  | 1.52    | ppb   |
| Iron       | 57-2  | 254093.83 | 247670.60 | 244189.67 | 248651.37  | 2.02    | ppb   |

|                        |                     |                   |            |
|------------------------|---------------------|-------------------|------------|
| LB Number :            | LB123428            | Operator :        | Jaswal     |
| Lab Sample ID :        | S8                  | Instrumnet Name : | P8         |
| Client Sample ID :     | S8                  | Dilution Factor : | 1          |
| Date & Time Acquired : | 2022-12-22 10:29:31 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 1.53      | 2.15      | 1.19      | 1.62       | 30.01   | ppb   |
| Lead       | 207-1 | 1.53      | 2.02      | 1.16      | 1.57       | 27.60   | ppb   |
| Lead       | 208-1 | 1.52      | 2.12      | 1.18      | 1.61       | 29.53   | ppb   |
| Lithium    | 6-1   |           |           |           | 87         |         | %     |
| Magnesium  | 24-2  | 507611.16 | 491684.55 | 493779.45 | 497691.72  | 1.74    | ppb   |
| Manganese  | 55-2  | 9.07      | 9.16      | 9.22      | 9.15       | 0.82    | ppb   |
| Molybdenum | 94-1  | 3.82      | 5.11      | 3.08      | 4.00       | 25.59   | ppb   |
| Molybdenum | 95-1  | 3.80      | 4.83      | 2.73      | 3.79       | 27.82   | ppb   |
| Molybdenum | 96-1  | 7.14      | 8.60      | 6.07      | 7.27       | 17.46   | ppb   |
| Molybdenum | 97-1  | 3.81      | 4.53      | 2.70      | 3.68       | 25.02   | ppb   |
| Molybdenum | 98-1  | 3.38      | 4.57      | 2.56      | 3.51       | 28.84   | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 2.74      | 2.49      | 2.46      | 2.56       | 6.11    | ppb   |
| Phosphorus | 31-2  | 1.29      | 6.96      | -0.90     | 2.45       | 165.76  | ppb   |
| Potassium  | 39-2  | 249912.00 | 250335.42 | 248701.36 | 249649.60  | 0.34    | ppb   |
| Rhodium    | 103-1 |           |           |           | 90         |         | %     |
| Rhodium    | 103-2 |           |           |           | 88         |         | %     |
| Scandium   | 45-1  |           |           |           | 96         |         | %     |
| Scandium   | 45-2  |           |           |           | 103        |         | %     |
| Selenium   | 82-1  | 1.65      | 1.66      | 1.30      | 1.54       | 13.34   | ppb   |
| Selenium   | 77-2  | 0.45      | 0.44      | -0.23     | 0.22       | 178.58  | ppb   |
| Selenium   | 78-2  | -0.70     | 0.43      | 0.52      | 0.08       | 831.03  | ppb   |
| Silicon    | 28-1  | 7.37      | 4.52      | 4.71      | 5.54       | 28.73   | ppb   |
| Silver     | 107-1 | 0.50      | 0.64      | 0.52      | 0.56       | 13.72   | ppb   |
| Silver     | 109-1 | 0.51      | 0.66      | 0.52      | 0.56       | 14.60   | ppb   |
| Sodium     | 23-2  | 503040.73 | 501375.09 | 491095.75 | 498503.86  | 1.30    | ppb   |
| Strontium  | 86-1  | 9.40      | 12.42     | 6.56      | 9.46       | 30.95   | ppb   |
| Strontium  | 88-1  | 9.29      | 13.06     | 6.90      | 9.75       | 31.83   | ppb   |
| Sulfur     | 34-1  | -775.30   | -1264.83  | -1104.21  | -1048.11   |         | ppb   |
| Terbium    | 159-1 |           |           |           | 99         |         | %     |
| Terbium    | 159-2 |           |           |           | 103        |         | %     |
| Thallium   | 203-1 | 0.27      | 0.36      | 0.27      | 0.30       | 18.15   | ppb   |
| Thallium   | 205-1 | 0.33      | 0.42      | 0.27      | 0.34       | 21.21   | ppb   |
| Tin        | 118-1 | 1.06      | 1.20      | 0.81      | 1.03       | 19.28   | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | S8                  | Instrumnet Name : | P8        |
| Client Sample ID :     | S8                  | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 10:29:31 | DataFile Name :   | 011CALS.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 3.04    | 4.08    | 2.37    | 3.17       | 27.25   | ppb   |
| Uranium   | 238-1 | 0.16    | 0.28    | 0.09    | 0.18       | 52.76   | ppb   |
| Vanadium  | 51-2  | 0.20    | 0.23    | 0.27    | 0.23       | 14.19   | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 101        |         | %     |
| Yttrium   | 89-2  |         |         |         | 102        |         | %     |
| Zinc      | 66-2  | 5.67    | 5.69    | 5.60    | 5.66       | 0.80    | ppb   |
| Zirconium | 90-1  | 0.32    | 0.46    | 0.22    | 0.33       | 35.79   | ppb   |
| Zirconium | 91-1  | 0.34    | 0.49    | 0.23    | 0.35       | 36.71   | ppb   |

|                        |                     |                   |          |
|------------------------|---------------------|-------------------|----------|
| LB Number :            | LB123428            | Operator :        | Jaswal   |
| Lab Sample ID :        | ICV05               | Instrumnet Name : | P8       |
| Client Sample ID :     | ICV05               | Dilution Factor : | 1        |
| Date & Time Acquired : | 2022-12-22 10:44:12 | DataFile Name :   | 014ICV.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 509.99  | 512.48  | 498.37  | 506.95     | 1.49    | ppb   |
| Antimony   | 121-1 | 195.75  | 195.25  | 192.24  | 194.41     | 0.97    | ppb   |
| Arsenic    | 75-2  | 206.55  | 204.49  | 199.37  | 203.47     | 1.82    | ppb   |
| Barium     | 135-1 | 94.64   | 99.03   | 96.15   | 96.61      | 2.31    | ppb   |
| Barium     | 137-1 | 95.71   | 98.62   | 94.77   | 96.37      | 2.08    | ppb   |
| Beryllium  | 9-1   | 102.77  | 102.24  | 95.66   | 100.22     | 3.95    | ppb   |
| Bismuth    | 209-1 |         |         |         | 111        |         | %     |
| Bismuth    | 209-2 |         |         |         | 105        |         | %     |
| Boron      | 10-1  | 380.40  | 394.80  | 385.40  | 386.86     | 1.89    | ppb   |
| Boron      | 11-1  | 380.65  | 374.57  | 386.89  | 380.70     | 1.62    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 107.59  | 110.28  | 107.25  | 108.38     | 1.53    | ppb   |
| Cadmium    | 106-1 | 181.96  | 182.41  | 182.38  | 182.25     | 0.14    | ppb   |
| Cadmium    | 108-1 | 166.73  | 171.66  | 161.37  | 166.58     | 3.09    | ppb   |
| Calcium    | 43-1  | 2332.69 | 2249.49 | 2172.81 | 2251.67    | 3.55    | ppb   |
| Calcium    | 44-1  | 2153.46 | 2107.67 | 2053.09 | 2104.74    | 2.39    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 93.31   | 92.40   | 90.97   | 92.23      | 1.28    | ppb   |
| Cobalt     | 59-2  | 96.42   | 97.06   | 94.29   | 95.93      | 1.51    | ppb   |
| Copper     | 63-2  | 95.21   | 94.45   | 93.00   | 94.22      | 1.19    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 105        |         | %     |
| Holmium    | 165-2 |         |         |         | 107        |         | %     |
| Indium     | 115-1 |         |         |         | 102        |         | %     |
| Indium     | 115-2 |         |         |         | 101        |         | %     |
| Iron       | 54-2  | 2132.66 | 2106.05 | 2083.80 | 2107.50    | 1.16    | ppb   |
| Iron       | 56-2  | 2212.26 | 2161.23 | 2107.14 | 2160.21    | 2.43    | ppb   |
| Iron       | 57-2  | 1995.41 | 1944.22 | 1943.53 | 1961.05    | 1.52    | ppb   |



|                        |                     |                   |          |
|------------------------|---------------------|-------------------|----------|
| LB Number :            | LB123428            | Operator :        | Jaswal   |
| Lab Sample ID :        | ICV05               | Instrumnet Name : | P8       |
| Client Sample ID :     | ICV05               | Dilution Factor : | 1        |
| Date & Time Acquired : | 2022-12-22 10:44:12 | DataFile Name :   | 014ICV.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 193.55   | 197.93   | 194.08   | 195.19     | 1.22    | ppb   |
| Lead       | 207-1 | 188.78   | 189.23   | 181.02   | 186.34     | 2.48    | ppb   |
| Lead       | 208-1 | 204.58   | 206.01   | 197.52   | 202.70     | 2.24    | ppb   |
| Lithium    | 6-1   |          |          |          | 99         |         | %     |
| Magnesium  | 24-2  | 1187.47  | 1183.48  | 1149.01  | 1173.32    | 1.80    | ppb   |
| Manganese  | 55-2  | 94.64    | 92.55    | 91.67    | 92.95      | 1.64    | ppb   |
| Molybdenum | 94-1  | 4654.75  | 4717.59  | 4472.84  | 4615.06    | 2.75    | ppb   |
| Molybdenum | 95-1  | 4573.84  | 4715.53  | 4490.77  | 4593.38    | 2.47    | ppb   |
| Molybdenum | 96-1  | 4597.89  | 4617.61  | 4511.55  | 4575.68    | 1.23    | ppb   |
| Molybdenum | 97-1  | 4498.74  | 4725.22  | 4407.96  | 4543.97    | 3.60    | ppb   |
| Molybdenum | 98-1  | 4542.18  | 4607.78  | 4394.08  | 4514.68    | 2.42    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 108.00   | 108.76   | 103.88   | 106.88     | 2.46    | ppb   |
| Phosphorus | 31-2  | -5.97    | -5.49    | -9.70    | -7.06      |         | ppb   |
| Potassium  | 39-2  | 1895.20  | 1890.32  | 1837.87  | 1874.46    | 1.70    | ppb   |
| Rhodium    | 103-1 |          |          |          | 107        |         | %     |
| Rhodium    | 103-2 |          |          |          | 102        |         | %     |
| Scandium   | 45-1  |          |          |          | 103        |         | %     |
| Scandium   | 45-2  |          |          |          | 102        |         | %     |
| Selenium   | 82-1  | 206.62   | 209.58   | 202.38   | 206.19     | 1.75    | ppb   |
| Selenium   | 77-2  | 210.48   | 219.11   | 235.44   | 221.68     | 5.72    | ppb   |
| Selenium   | 78-2  | 208.85   | 212.04   | 205.90   | 208.93     | 1.47    | ppb   |
| Silicon    | 28-1  | 100.32   | 96.61    | 96.78    | 97.91      | 2.14    | ppb   |
| Silver     | 107-1 | 51.49    | 51.57    | 49.59    | 50.88      | 2.21    | ppb   |
| Silver     | 109-1 | 49.54    | 50.79    | 48.64    | 49.66      | 2.18    | ppb   |
| Sodium     | 23-2  | 1975.48  | 2021.00  | 1956.82  | 1984.43    | 1.66    | ppb   |
| Strontium  | 86-1  | 473.65   | 480.44   | 468.53   | 474.21     | 1.26    | ppb   |
| Strontium  | 88-1  | 477.01   | 488.60   | 472.55   | 479.39     | 1.73    | ppb   |
| Sulfur     | 34-1  | -2164.62 | -2395.98 | -2568.28 | -2376.29   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 105        |         | %     |
| Terbium    | 159-2 |          |          |          | 107        |         | %     |
| Thallium   | 203-1 | 201.69   | 204.13   | 198.82   | 201.55     | 1.32    | ppb   |
| Thallium   | 205-1 | 221.07   | 219.72   | 211.68   | 217.49     | 2.33    | ppb   |
| Tin        | 118-1 | 520.42   | 506.85   | 523.63   | 516.97     | 1.72    | ppb   |

|                        |                     |                   |          |
|------------------------|---------------------|-------------------|----------|
| LB Number :            | LB123428            | Operator :        | Jaswal   |
| Lab Sample ID :        | ICV05               | Instrumnet Name : | P8       |
| Client Sample ID :     | ICV05               | Dilution Factor : | 1        |
| Date & Time Acquired : | 2022-12-22 10:44:12 | DataFile Name :   | 014ICV.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 4716.17 | 4539.05 | 4509.49 | 4588.24    | 2.44    | ppb   |
| Uranium   | 238-1 | 492.11  | 489.44  | 479.07  | 486.87     | 1.42    | ppb   |
| Vanadium  | 51-2  | 92.18   | 90.34   | 88.83   | 90.45      | 1.86    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 107        |         | %     |
| Yttrium   | 89-2  |         |         |         | 102        |         | %     |
| Zinc      | 66-2  | 198.09  | 194.93  | 189.04  | 194.02     | 2.37    | ppb   |
| Zirconium | 90-1  | 502.25  | 516.80  | 499.89  | 506.31     | 1.81    | ppb   |
| Zirconium | 91-1  | 498.43  | 509.70  | 495.04  | 501.06     | 1.53    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | LLICV01             | Instrumnet Name : | P8        |
| Client Sample ID :     | LLICV01             | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 10:54:07 | DataFile Name :   | 015LLIC.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 20.65   | 20.86   | 19.42   | 20.31      | 3.83    | ppb   |
| Antimony   | 121-1 | 1.89    | 1.83    | 2.00    | 1.91       | 4.35    | ppb   |
| Arsenic    | 75-2  | 1.10    | 0.97    | 1.00    | 1.02       | 6.65    | ppb   |
| Barium     | 135-1 | 9.12    | 8.78    | 9.25    | 9.05       | 2.68    | ppb   |
| Barium     | 137-1 | 9.25    | 8.71    | 9.13    | 9.03       | 3.14    | ppb   |
| Beryllium  | 9-1   | 1.06    | 1.08    | 1.04    | 1.06       | 2.18    | ppb   |
| Bismuth    | 209-1 |         |         |         | 107        |         | %     |
| Bismuth    | 209-2 |         |         |         | 102        |         | %     |
| Boron      | 10-1  | 33.00   | 34.42   | 33.77   | 33.73      | 2.12    | ppb   |
| Boron      | 11-1  | 36.04   | 37.82   | 36.22   | 36.69      | 2.68    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 0.81    | 0.92    | 0.88    | 0.87       | 6.56    | ppb   |
| Cadmium    | 106-1 | -0.81   | -0.89   | 0.36    | -0.45      |         | ppb   |
| Cadmium    | 108-1 | 0.82    | 0.95    | 0.80    | 0.85       | 9.81    | ppb   |
| Calcium    | 43-1  | 464.04  | 483.88  | 472.97  | 473.63     | 2.10    | ppb   |
| Calcium    | 44-1  | 456.64  | 480.43  | 466.94  | 468.01     | 2.55    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 1.85    | 1.81    | 1.82    | 1.82       | 1.14    | ppb   |
| Cobalt     | 59-2  | 0.89    | 0.98    | 0.96    | 0.94       | 5.17    | ppb   |
| Copper     | 63-2  | 1.97    | 1.90    | 1.99    | 1.95       | 2.56    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 105        |         | %     |
| Holmium    | 165-2 |         |         |         | 103        |         | %     |
| Indium     | 115-1 |         |         |         | 104        |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Iron       | 54-2  | 55.30   | 48.20   | 49.28   | 50.93      | 7.51    | ppb   |
| Iron       | 56-2  | 52.16   | 51.55   | 52.05   | 51.92      | 0.63    | ppb   |
| Iron       | 57-2  | 52.66   | 50.94   | 50.48   | 51.36      | 2.24    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | LLICV01             | Instrumnet Name : | P8        |
| Client Sample ID :     | LLICV01             | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 10:54:07 | DataFile Name :   | 015LLIC.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.84     | 0.84     | 0.86     | 0.85       | 1.12    | ppb   |
| Lead       | 207-1 | 0.84     | 0.85     | 0.81     | 0.83       | 2.57    | ppb   |
| Lead       | 208-1 | 0.86     | 0.85     | 0.84     | 0.85       | 1.20    | ppb   |
| Lithium    | 6-1   |          |          |          | 100        |         | %     |
| Magnesium  | 24-2  | 502.41   | 509.23   | 500.20   | 503.95     | 0.93    | ppb   |
| Manganese  | 55-2  | 0.99     | 1.00     | 1.03     | 1.01       | 2.04    | ppb   |
| Molybdenum | 94-1  | 5.43     | 5.60     | 5.67     | 5.57       | 2.25    | ppb   |
| Molybdenum | 95-1  | 4.85     | 4.66     | 4.86     | 4.79       | 2.41    | ppb   |
| Molybdenum | 96-1  | 4.91     | 4.62     | 4.74     | 4.75       | 3.00    | ppb   |
| Molybdenum | 97-1  | 4.67     | 4.53     | 4.98     | 4.73       | 4.93    | ppb   |
| Molybdenum | 98-1  | 4.75     | 4.70     | 4.82     | 4.76       | 1.30    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 1.06     | 1.03     | 1.01     | 1.03       | 2.33    | ppb   |
| Phosphorus | 31-2  | 27.40    | 28.20    | 4.82     | 20.14      | 65.93   | ppb   |
| Potassium  | 39-2  | 468.17   | 472.08   | 475.91   | 472.05     | 0.82    | ppb   |
| Rhodium    | 103-1 |          |          |          | 107        |         | %     |
| Rhodium    | 103-2 |          |          |          | 103        |         | %     |
| Scandium   | 45-1  |          |          |          | 105        |         | %     |
| Scandium   | 45-2  |          |          |          | 104        |         | %     |
| Selenium   | 82-1  | 4.60     | 4.37     | 4.81     | 4.60       | 4.78    | ppb   |
| Selenium   | 77-2  | 8.49     | 3.11     | 6.28     | 5.96       | 45.32   | ppb   |
| Selenium   | 78-2  | 5.39     | 4.47     | 3.77     | 4.54       | 17.92   | ppb   |
| Silicon    | 28-1  | 0.32     | 1.26     | 1.36     | 0.98       | 58.65   | ppb   |
| Silver     | 107-1 | 1.01     | 0.99     | 1.06     | 1.02       | 3.12    | ppb   |
| Silver     | 109-1 | 1.03     | 1.02     | 0.96     | 1.00       | 3.64    | ppb   |
| Sodium     | 23-2  | 497.87   | 503.39   | 501.20   | 500.82     | 0.55    | ppb   |
| Strontium  | 86-1  | 0.86     | 0.87     | 1.03     | 0.92       | 10.14   | ppb   |
| Strontium  | 88-1  | 0.99     | 0.91     | 1.00     | 0.97       | 4.83    | ppb   |
| Sulfur     | 34-1  | -1837.70 | -1334.06 | -1485.09 | -1552.28   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 103        |         | %     |
| Terbium    | 159-2 |          |          |          | 106        |         | %     |
| Thallium   | 203-1 | 0.98     | 0.97     | 0.89     | 0.95       | 5.38    | ppb   |
| Thallium   | 205-1 | 0.91     | 0.93     | 0.86     | 0.90       | 3.94    | ppb   |
| Tin        | 118-1 | 4.76     | 4.92     | 5.10     | 4.93       | 3.49    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | LLICV01             | Instrumnet Name : | P8        |
| Client Sample ID :     | LLICV01             | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 10:54:07 | DataFile Name :   | 015LLIC.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 4.57    | 4.76    | 4.94    | 4.76       | 3.90    | ppb   |
| Uranium   | 238-1 | 0.85    | 0.86    | 0.82    | 0.84       | 2.68    | ppb   |
| Vanadium  | 51-2  | 4.53    | 4.75    | 4.61    | 4.63       | 2.46    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 110        |         | %     |
| Yttrium   | 89-2  |         |         |         | 104        |         | %     |
| Zinc      | 66-2  | 1.89    | 1.85    | 2.09    | 1.94       | 6.59    | ppb   |
| Zirconium | 90-1  | 0.94    | 0.93    | 0.93    | 0.93       | 0.68    | ppb   |
| Zirconium | 91-1  | 0.88    | 0.79    | 0.90    | 0.86       | 7.00    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | ICB05               | Instrumnet Name : | P8        |
| Client Sample ID :     | ICB05               | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 10:57:16 | DataFile Name :   | 016CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.33    | 0.58    | 0.49    | 0.47       | 26.92   | ppb   |
| Antimony   | 121-1 | 0.02    | 0.05    | 0.04    | 0.04       | 42.29   | ppb   |
| Arsenic    | 75-2  | 0.00    | 0.03    | 0.00    | 0.01       | 135.92  | ppb   |
| Barium     | 135-1 | 0.02    | 0.06    | 0.04    | 0.04       | 46.08   | ppb   |
| Barium     | 137-1 | 0.03    | 0.02    | 0.02    | 0.02       | 23.80   | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.03    | 0.03    | 0.03       | 13.47   | ppb   |
| Bismuth    | 209-1 |         |         |         | 106        |         | %     |
| Bismuth    | 209-2 |         |         |         | 103        |         | %     |
| Boron      | 10-1  | 16.22   | 15.95   | 14.50   | 15.56      | 5.95    | ppb   |
| Boron      | 11-1  | 16.94   | 17.53   | 16.05   | 16.84      | 4.42    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | -0.01   | -0.12   | -0.14   | -0.09      |         | ppb   |
| Cadmium    | 106-1 | -0.13   | -1.99   | -2.12   | -1.41      |         | ppb   |
| Cadmium    | 108-1 | -0.11   | 0.06    | -0.02   | -0.02      |         | ppb   |
| Calcium    | 43-1  | 1.24    | 0.76    | 1.33    | 1.11       | 27.42   | ppb   |
| Calcium    | 44-1  | 0.59    | 0.21    | 0.17    | 0.32       | 71.04   | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 0.04    | 0.00    | 0.00    | 0.01       | 177.90  | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | 104.13  | ppb   |
| Copper     | 63-2  | 0.04    | 0.02    | 0.01    | 0.02       | 70.59   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 105        |         | %     |
| Holmium    | 165-2 |         |         |         | 106        |         | %     |
| Indium     | 115-1 |         |         |         | 105        |         | %     |
| Indium     | 115-2 |         |         |         | 104        |         | %     |
| Iron       | 54-2  | 2.32    | -0.09   | 0.96    | 1.06       | 113.94  | ppb   |
| Iron       | 56-2  | 0.79    | 0.68    | 0.48    | 0.65       | 24.31   | ppb   |
| Iron       | 57-2  | 1.04    | -0.60   | -0.55   | -0.03      |         | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | ICB05               | Instrumnet Name : | P8        |
| Client Sample ID :     | ICB05               | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 10:57:16 | DataFile Name :   | 016CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.04     | 0.06     | 0.06     | 0.05       | 23.74   | ppb   |
| Lead       | 207-1 | 0.01     | 0.04     | 0.04     | 0.03       | 61.15   | ppb   |
| Lead       | 208-1 | 0.04     | 0.05     | 0.04     | 0.04       | 16.59   | ppb   |
| Lithium    | 6-1   |          |          |          | 97         |         | %     |
| Magnesium  | 24-2  | 1.04     | 0.46     | -0.09    | 0.47       | 119.69  | ppb   |
| Manganese  | 55-2  | 0.02     | 0.03     | 0.04     | 0.03       | 28.22   | ppb   |
| Molybdenum | 94-1  | 0.18     | 0.65     | 0.47     | 0.43       | 55.48   | ppb   |
| Molybdenum | 95-1  | 0.21     | 0.64     | 0.41     | 0.42       | 51.54   | ppb   |
| Molybdenum | 96-1  | 0.14     | 0.62     | 0.42     | 0.39       | 60.12   | ppb   |
| Molybdenum | 97-1  | 0.13     | 0.65     | 0.36     | 0.38       | 68.76   | ppb   |
| Molybdenum | 98-1  | 0.17     | 0.68     | 0.38     | 0.41       | 62.10   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.04     | 0.00     | -0.01    | 0.01       | 254.81  | ppb   |
| Phosphorus | 31-2  | -9.91    | -22.86   | -5.25    | -12.67     |         | ppb   |
| Potassium  | 39-2  | -5.79    | -7.06    | -4.48    | -5.78      |         | ppb   |
| Rhodium    | 103-1 |          |          |          | 108        |         | %     |
| Rhodium    | 103-2 |          |          |          | 105        |         | %     |
| Scandium   | 45-1  |          |          |          | 105        |         | %     |
| Scandium   | 45-2  |          |          |          | 104        |         | %     |
| Selenium   | 82-1  | -0.43    | 0.15     | 0.00     | -0.09      |         | ppb   |
| Selenium   | 77-2  | -0.23    | 0.43     | -0.23    | -0.01      |         | ppb   |
| Selenium   | 78-2  | -0.76    | -0.34    | 0.17     | -0.31      |         | ppb   |
| Silicon    | 28-1  | -0.55    | -1.19    | -0.52    | -0.75      |         | ppb   |
| Silver     | 107-1 | 0.03     | 0.01     | 0.02     | 0.02       | 43.73   | ppb   |
| Silver     | 109-1 | 0.02     | 0.01     | 0.03     | 0.02       | 40.76   | ppb   |
| Sodium     | 23-2  | 10.11    | 5.46     | 5.57     | 7.05       | 37.71   | ppb   |
| Strontium  | 86-1  | 0.07     | 0.16     | 0.06     | 0.09       | 55.76   | ppb   |
| Strontium  | 88-1  | 0.05     | 0.11     | 0.08     | 0.08       | 39.95   | ppb   |
| Sulfur     | 34-1  | -1335.93 | -1482.70 | -1463.47 | -1427.36   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 106        |         | %     |
| Terbium    | 159-2 |          |          |          | 108        |         | %     |
| Thallium   | 203-1 | 0.03     | 0.04     | 0.05     | 0.04       | 23.82   | ppb   |
| Thallium   | 205-1 | 0.03     | 0.06     | 0.04     | 0.05       | 28.25   | ppb   |
| Tin        | 118-1 | 0.03     | 0.03     | 0.02     | 0.03       | 33.96   | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | ICB05               | Instrumnet Name : | P8        |
| Client Sample ID :     | ICB05               | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 10:57:16 | DataFile Name :   | 016CCBE.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 0.28    | 0.74    | 0.44    | 0.49       | 47.92   | ppb   |
| Uranium   | 238-1 | 0.01    | 0.08    | 0.04    | 0.04       | 79.34   | ppb   |
| Vanadium  | 51-2  | 0.00    | 0.01    | 0.01    | 0.01       | 51.69   | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 107        |         | %     |
| Yttrium   | 89-2  |         |         |         | 105        |         | %     |
| Zinc      | 66-2  | 0.15    | 0.05    | 0.11    | 0.10       | 51.19   | ppb   |
| Zirconium | 90-1  | 0.02    | 0.06    | 0.04    | 0.04       | 52.18   | ppb   |
| Zirconium | 91-1  | 0.01    | 0.07    | 0.04    | 0.04       | 77.78   | ppb   |



|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | ICSA05              | Instrumnet Name : | P8        |
| Client Sample ID :     | ICSA05              | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:00:28 | DataFile Name :   | 017ICSA.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 102739.92 | 99955.93  | 100212.47 | 100969.44  | 1.52    | ppb   |
| Antimony   | 121-1 | 1.14      | 0.97      | 1.12      | 1.07       | 8.80    | ppb   |
| Arsenic    | 75-2  | 0.29      | 0.40      | 0.36      | 0.35       | 16.07   | ppb   |
| Barium     | 135-1 | 1.41      | 1.32      | 1.33      | 1.36       | 3.71    | ppb   |
| Barium     | 137-1 | 1.45      | 1.45      | 1.50      | 1.47       | 1.98    | ppb   |
| Beryllium  | 9-1   | 0.27      | 0.28      | 0.28      | 0.28       | 1.92    | ppb   |
| Bismuth    | 209-1 |           |           |           | 102        |         | %     |
| Bismuth    | 209-2 |           |           |           | 96         |         | %     |
| Boron      | 10-1  | 13.87     | 12.80     | 12.81     | 13.16      | 4.68    | ppb   |
| Boron      | 11-1  | 14.31     | 13.95     | 13.84     | 14.03      | 1.74    | ppb   |
| Bromine    | 81-1  |           |           |           |            |         | cps   |
| Cadmium    | 111-1 | 0.26      | 0.37      | 0.29      | 0.31       | 19.32   | ppb   |
| Cadmium    | 106-1 | -1.50     | -0.85     | -0.46     | -0.94      |         | ppb   |
| Cadmium    | 108-1 | 10.74     | 10.36     | 10.87     | 10.65      | 2.49    | ppb   |
| Calcium    | 43-1  | 100690.20 | 99007.70  | 101490.08 | 100395.99  | 1.26    | ppb   |
| Calcium    | 44-1  | 97655.74  | 94936.95  | 100923.89 | 97838.86   | 3.06    | ppb   |
| Carbon     | 12-1  |           |           |           |            |         | cps   |
| Carbon     | 12-2  |           |           |           |            |         | cps   |
| Chlorine   | 35-1  |           |           |           |            |         | cps   |
| Chlorine   | 35-2  |           |           |           |            |         | cps   |
| Chromium   | 52-2  | 18.44     | 18.58     | 18.24     | 18.42      | 0.92    | ppb   |
| Cobalt     | 59-2  | 1.16      | 1.10      | 1.16      | 1.14       | 3.04    | ppb   |
| Copper     | 63-2  | 7.23      | 7.09      | 7.15      | 7.15       | 0.98    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 108        |         | %     |
| Holmium    | 165-2 |           |           |           | 106        |         | %     |
| Indium     | 115-1 |           |           |           | 103        |         | %     |
| Indium     | 115-2 |           |           |           | 99         |         | %     |
| Iron       | 54-2  | 108776.50 | 106815.36 | 105822.17 | 107138.01  | 1.40    | ppb   |
| Iron       | 56-2  | 109634.38 | 106582.20 | 106324.17 | 107513.58  | 1.71    | ppb   |
| Iron       | 57-2  | 105870.64 | 108194.56 | 102345.99 | 105470.40  | 2.79    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | ICSA05              | Instrumnet Name : | P8        |
| Client Sample ID :     | ICSA05              | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:00:28 | DataFile Name :   | 017ICSA.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 5.47      | 5.25      | 5.38      | 5.37       | 2.08    | ppb   |
| Lead       | 207-1 | 4.90      | 4.74      | 4.90      | 4.84       | 1.88    | ppb   |
| Lead       | 208-1 | 5.18      | 4.98      | 5.17      | 5.11       | 2.24    | ppb   |
| Lithium    | 6-1   |           |           |           | 96         |         | %     |
| Magnesium  | 24-2  | 99665.78  | 100164.25 | 97803.17  | 99211.07   | 1.25    | ppb   |
| Manganese  | 55-2  | 7.39      | 7.42      | 7.71      | 7.50       | 2.34    | ppb   |
| Molybdenum | 94-1  | 1624.18   | 1561.47   | 1564.69   | 1583.45    | 2.23    | ppb   |
| Molybdenum | 95-1  | 1959.75   | 1833.70   | 1912.25   | 1901.90    | 3.35    | ppb   |
| Molybdenum | 96-1  | 1886.10   | 1847.33   | 1859.41   | 1864.28    | 1.06    | ppb   |
| Molybdenum | 97-1  | 1945.68   | 1919.96   | 1903.22   | 1922.95    | 1.11    | ppb   |
| Molybdenum | 98-1  | 1962.46   | 1872.63   | 1897.55   | 1910.88    | 2.43    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 5.26      | 5.40      | 5.56      | 5.40       | 2.75    | ppb   |
| Phosphorus | 31-2  | 98175.21  | 97845.78  | 96017.72  | 97346.24   | 1.19    | ppb   |
| Potassium  | 39-2  | 99428.88  | 97461.98  | 97104.62  | 97998.49   | 1.28    | ppb   |
| Rhodium    | 103-1 |           |           |           | 102        |         | %     |
| Rhodium    | 103-2 |           |           |           | 96         |         | %     |
| Scandium   | 45-1  |           |           |           | 103        |         | %     |
| Scandium   | 45-2  |           |           |           | 101        |         | %     |
| Selenium   | 82-1  | -0.07     | 0.05      | -0.12     | -0.05      |         | ppb   |
| Selenium   | 77-2  | -0.23     | -0.23     | 1.86      | 0.46       | 260.57  | ppb   |
| Selenium   | 78-2  | 0.00      | -0.46     | 0.00      | -0.15      |         | ppb   |
| Silicon    | 28-1  | 5.71      | 4.42      | 6.17      | 5.43       | 16.76   | ppb   |
| Silver     | 107-1 | 0.00      | 0.00      | -0.01     | 0.00       |         | ppb   |
| Silver     | 109-1 | -0.01     | 0.00      | -0.01     | 0.00       |         | ppb   |
| Sodium     | 23-2  | 102113.17 | 102989.52 | 100132.51 | 101745.07  | 1.44    | ppb   |
| Strontium  | 86-1  | 32.51     | 30.94     | 32.74     | 32.06      | 3.07    | ppb   |
| Strontium  | 88-1  | 32.74     | 31.87     | 33.05     | 32.55      | 1.89    | ppb   |
| Sulfur     | 34-1  | 91251.49  | 91029.36  | 92827.78  | 91702.87   | 1.07    | ppb   |
| Terbium    | 159-1 |           |           |           | 107        |         | %     |
| Terbium    | 159-2 |           |           |           | 106        |         | %     |
| Thallium   | 203-1 | 0.14      | 0.14      | 0.15      | 0.14       | 6.41    | ppb   |
| Thallium   | 205-1 | 0.16      | 0.14      | 0.17      | 0.16       | 10.01   | ppb   |
| Tin        | 118-1 | 0.23      | 0.17      | 0.19      | 0.19       | 14.97   | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | ICSA05              | Instrumnet Name : | P8        |
| Client Sample ID :     | ICSA05              | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:00:28 | DataFile Name :   | 017ICSA.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 2010.91 | 1928.34 | 2009.46 | 1982.90    | 2.38    | ppb   |
| Uranium   | 238-1 | 0.02    | 0.02    | 0.02    | 0.02       | 1.22    | ppb   |
| Vanadium  | 51-2  | 0.16    | 0.14    | 0.14    | 0.15       | 9.58    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 106        |         | %     |
| Yttrium   | 89-2  |         |         |         | 100        |         | %     |
| Zinc      | 66-2  | 10.55   | 10.64   | 11.19   | 10.79      | 3.18    | ppb   |
| Zirconium | 90-1  | 0.02    | 0.02    | 0.03    | 0.03       | 18.74   | ppb   |
| Zirconium | 91-1  | 0.03    | 0.01    | 0.04    | 0.03       | 49.88   | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | ICSAB05             | Instrumnet Name : | P8        |
| Client Sample ID :     | ICSAB05             | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:08:10 | DataFile Name :   | 018ICSB.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 99664.73  | 98238.38  | 98896.80  | 98933.30   | 0.72    | ppb   |
| Antimony   | 121-1 | 20.41     | 20.01     | 20.50     | 20.31      | 1.28    | ppb   |
| Arsenic    | 75-2  | 19.46     | 19.35     | 19.38     | 19.40      | 0.29    | ppb   |
| Barium     | 135-1 | 21.17     | 20.14     | 20.06     | 20.46      | 3.01    | ppb   |
| Barium     | 137-1 | 20.63     | 20.31     | 20.48     | 20.47      | 0.78    | ppb   |
| Beryllium  | 9-1   | 20.14     | 19.24     | 19.62     | 19.67      | 2.29    | ppb   |
| Bismuth    | 209-1 |           |           |           | 100        |         | %     |
| Bismuth    | 209-2 |           |           |           | 99         |         | %     |
| Boron      | 10-1  | 22.65     | 22.54     | 22.63     | 22.61      | 0.27    | ppb   |
| Boron      | 11-1  | 24.56     | 23.58     | 24.01     | 24.05      | 2.05    | ppb   |
| Bromine    | 81-1  |           |           |           |            |         | cps   |
| Cadmium    | 111-1 | 19.03     | 19.20     | 19.19     | 19.14      | 0.50    | ppb   |
| Cadmium    | 106-1 | 18.27     | 19.52     | 19.52     | 19.10      | 3.76    | ppb   |
| Cadmium    | 108-1 | 29.97     | 28.66     | 28.74     | 29.12      | 2.53    | ppb   |
| Calcium    | 43-1  | 105830.25 | 99512.48  | 103390.42 | 102911.05  | 3.10    | ppb   |
| Calcium    | 44-1  | 101908.39 | 98386.99  | 100931.21 | 100408.86  | 1.81    | ppb   |
| Carbon     | 12-1  |           |           |           |            |         | cps   |
| Carbon     | 12-2  |           |           |           |            |         | cps   |
| Chlorine   | 35-1  |           |           |           |            |         | cps   |
| Chlorine   | 35-2  |           |           |           |            |         | cps   |
| Chromium   | 52-2  | 35.85     | 35.83     | 36.01     | 35.90      | 0.27    | ppb   |
| Cobalt     | 59-2  | 19.38     | 19.89     | 19.25     | 19.51      | 1.73    | ppb   |
| Copper     | 63-2  | 26.68     | 26.96     | 27.40     | 27.01      | 1.33    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 107        |         | %     |
| Holmium    | 165-2 |           |           |           | 107        |         | %     |
| Indium     | 115-1 |           |           |           | 102        |         | %     |
| Indium     | 115-2 |           |           |           | 102        |         | %     |
| Iron       | 54-2  | 104105.76 | 103390.29 | 104992.12 | 104162.72  | 0.77    | ppb   |
| Iron       | 56-2  | 103012.49 | 104648.30 | 103720.37 | 103793.72  | 0.79    | ppb   |
| Iron       | 57-2  | 102401.61 | 102161.45 | 101409.38 | 101990.82  | 0.51    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | ICSAB05             | Instrumnet Name : | P8        |
| Client Sample ID :     | ICSAB05             | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:08:10 | DataFile Name :   | 018ICSB.d |

| Parameter  | Mass  | ConRep1  | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|-----------|-----------|------------|---------|-------|
| Krypton    | 83-1  |          |           |           |            |         | cps   |
| Lead       | 206-1 | 26.60    | 27.37     | 26.59     | 26.85      | 1.66    | ppb   |
| Lead       | 207-1 | 25.05    | 26.88     | 25.58     | 25.84      | 3.65    | ppb   |
| Lead       | 208-1 | 25.82    | 26.47     | 25.71     | 26.00      | 1.58    | ppb   |
| Lithium    | 6-1   |          |           |           | 98         |         | %     |
| Magnesium  | 24-2  | 95970.66 | 97088.22  | 97669.87  | 96909.58   | 0.89    | ppb   |
| Manganese  | 55-2  | 25.57    | 24.59     | 25.59     | 25.25      | 2.26    | ppb   |
| Molybdenum | 94-1  | 1570.45  | 1686.08   | 1620.76   | 1625.76    | 3.57    | ppb   |
| Molybdenum | 95-1  | 1842.69  | 1917.76   | 1894.46   | 1884.97    | 2.04    | ppb   |
| Molybdenum | 96-1  | 1813.30  | 1881.50   | 1881.51   | 1858.77    | 2.12    | ppb   |
| Molybdenum | 97-1  | 1826.29  | 1962.61   | 1904.79   | 1897.90    | 3.61    | ppb   |
| Molybdenum | 98-1  | 1804.09  | 1926.71   | 1896.71   | 1875.84    | 3.41    | ppb   |
| Neodymium  | 150-1 |          |           |           |            |         | cps   |
| Neodymium  | 150-2 |          |           |           |            |         | cps   |
| Nickel     | 60-2  | 25.13    | 24.57     | 24.87     | 24.86      | 1.13    | ppb   |
| Phosphorus | 31-2  | 95683.07 | 95649.00  | 95031.99  | 95454.69   | 0.38    | ppb   |
| Potassium  | 39-2  | 98797.22 | 97093.69  | 98741.36  | 98210.76   | 0.99    | ppb   |
| Rhodium    | 103-1 |          |           |           | 102        |         | %     |
| Rhodium    | 103-2 |          |           |           | 97         |         | %     |
| Scandium   | 45-1  |          |           |           | 105        |         | %     |
| Scandium   | 45-2  |          |           |           | 104        |         | %     |
| Selenium   | 82-1  | 18.29    | 20.26     | 19.46     | 19.33      | 5.12    | ppb   |
| Selenium   | 77-2  | 21.41    | 22.83     | 18.57     | 20.94      | 10.35   | ppb   |
| Selenium   | 78-2  | 20.08    | 18.96     | 18.70     | 19.24      | 3.82    | ppb   |
| Silicon    | 28-1  | 11.17    | 8.17      | 8.49      | 9.28       | 17.74   | ppb   |
| Silver     | 107-1 | 18.59    | 18.31     | 18.30     | 18.40      | 0.89    | ppb   |
| Silver     | 109-1 | 18.26    | 18.54     | 19.32     | 18.71      | 2.94    | ppb   |
| Sodium     | 23-2  | 99603.70 | 101347.50 | 101067.08 | 100672.76  | 0.93    | ppb   |
| Strontium  | 86-1  | 49.32    | 52.26     | 51.02     | 50.87      | 2.90    | ppb   |
| Strontium  | 88-1  | 51.22    | 54.28     | 52.83     | 52.78      | 2.90    | ppb   |
| Sulfur     | 34-1  | 94554.28 | 91292.45  | 90739.34  | 92195.35   | 2.24    | ppb   |
| Terbium    | 159-1 |          |           |           | 107        |         | %     |
| Terbium    | 159-2 |          |           |           | 108        |         | %     |
| Thallium   | 203-1 | 22.43    | 22.94     | 21.27     | 22.21      | 3.85    | ppb   |
| Thallium   | 205-1 | 23.25    | 23.62     | 22.85     | 23.24      | 1.67    | ppb   |
| Tin        | 118-1 | 20.08    | 20.10     | 19.83     | 20.00      | 0.75    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | ICSAB05             | Instrumnet Name : | P8        |
| Client Sample ID :     | ICSAB05             | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:08:10 | DataFile Name :   | 018ICSB.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 2076.74 | 2010.83 | 2005.25 | 2030.94    | 1.96    | ppb   |
| Uranium   | 238-1 | 19.40   | 19.79   | 19.06   | 19.42      | 1.86    | ppb   |
| Vanadium  | 51-2  | 18.41   | 17.94   | 18.91   | 18.42      | 2.62    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 109        |         | %     |
| Yttrium   | 89-2  |         |         |         | 105        |         | %     |
| Zinc      | 66-2  | 26.79   | 27.53   | 29.37   | 27.89      | 4.75    | ppb   |
| Zirconium | 90-1  | 19.63   | 19.72   | 19.69   | 19.68      | 0.24    | ppb   |
| Zirconium | 91-1  | 18.96   | 19.69   | 19.31   | 19.32      | 1.90    | ppb   |

|                        |                     |                   |          |
|------------------------|---------------------|-------------------|----------|
| LB Number :            | LB123428            | Operator :        | Jaswal   |
| Lab Sample ID :        | CCV24               | Instrumnet Name : | P8       |
| Client Sample ID :     | CCV24               | Dilution Factor : | 1        |
| Date & Time Acquired : | 2022-12-22 11:14:56 | DataFile Name :   | 020CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 54093.98  | 51851.34  | 51804.12  | 52583.15   | 2.49    | ppb   |
| Antimony   | 121-1 | 491.12    | 496.88    | 488.10    | 492.04     | 0.91    | ppb   |
| Arsenic    | 75-2  | 488.70    | 473.99    | 478.63    | 480.44     | 1.57    | ppb   |
| Barium     | 135-1 | 2460.69   | 2462.08   | 2532.77   | 2485.18    | 1.66    | ppb   |
| Barium     | 137-1 | 2523.70   | 2405.03   | 2587.57   | 2505.43    | 3.70    | ppb   |
| Beryllium  | 9-1   | 491.52    | 487.58    | 497.90    | 492.33     | 1.06    | ppb   |
| Bismuth    | 209-1 |           |           |           | 97         |         | %     |
| Bismuth    | 209-2 |           |           |           | 92         |         | %     |
| Boron      | 10-1  | 673.62    | 717.10    | 710.09    | 700.27     | 3.33    | ppb   |
| Boron      | 11-1  | 691.40    | 718.98    | 741.51    | 717.30     | 3.50    | ppb   |
| Bromine    | 81-1  |           |           |           |            |         | cps   |
| Cadmium    | 111-1 | 465.29    | 470.12    | 465.31    | 466.91     | 0.60    | ppb   |
| Cadmium    | 106-1 | 481.83    | 487.65    | 476.60    | 482.03     | 1.15    | ppb   |
| Cadmium    | 108-1 | 473.55    | 470.48    | 486.21    | 476.74     | 1.75    | ppb   |
| Calcium    | 43-1  | 249224.34 | 248984.77 | 251281.06 | 249830.06  | 0.51    | ppb   |
| Calcium    | 44-1  | 242980.62 | 243148.16 | 239789.87 | 241972.89  | 0.78    | ppb   |
| Carbon     | 12-1  |           |           |           |            |         | cps   |
| Carbon     | 12-2  |           |           |           |            |         | cps   |
| Chlorine   | 35-1  |           |           |           |            |         | cps   |
| Chlorine   | 35-2  |           |           |           |            |         | cps   |
| Chromium   | 52-2  | 476.33    | 470.60    | 471.64    | 472.86     | 0.65    | ppb   |
| Cobalt     | 59-2  | 498.30    | 482.82    | 470.87    | 484.00     | 2.84    | ppb   |
| Copper     | 63-2  | 4955.11   | 4960.76   | 4838.10   | 4917.99    | 1.41    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 106        |         | %     |
| Holmium    | 165-2 |           |           |           | 106        |         | %     |
| Indium     | 115-1 |           |           |           | 101        |         | %     |
| Indium     | 115-2 |           |           |           | 98         |         | %     |
| Iron       | 54-2  | 132827.93 | 134457.13 | 133230.91 | 133505.33  | 0.64    | ppb   |
| Iron       | 56-2  | 130591.80 | 135621.34 | 133760.35 | 133324.50  | 1.91    | ppb   |
| Iron       | 57-2  | 133220.10 | 129891.67 | 127841.08 | 130317.61  | 2.08    | ppb   |

|                        |                     |                   |          |
|------------------------|---------------------|-------------------|----------|
| LB Number :            | LB123428            | Operator :        | Jaswal   |
| Lab Sample ID :        | CCV24               | Instrumnet Name : | P8       |
| Client Sample ID :     | CCV24               | Dilution Factor : | 1        |
| Date & Time Acquired : | 2022-12-22 11:14:56 | DataFile Name :   | 020CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 2588.12   | 2512.19   | 2571.56   | 2557.29    | 1.56    | ppb   |
| Lead       | 207-1 | 2540.57   | 2513.44   | 2544.07   | 2532.69    | 0.66    | ppb   |
| Lead       | 208-1 | 2543.76   | 2499.23   | 2560.73   | 2534.57    | 1.25    | ppb   |
| Lithium    | 6-1   |           |           |           | 97         |         | %     |
| Magnesium  | 24-2  | 261600.74 | 260269.50 | 255332.10 | 259067.45  | 1.27    | ppb   |
| Manganese  | 55-2  | 4849.19   | 5014.94   | 5051.94   | 4972.02    | 2.17    | ppb   |
| Molybdenum | 94-1  | 4932.82   | 4999.23   | 5141.64   | 5024.56    | 2.12    | ppb   |
| Molybdenum | 95-1  | 5009.96   | 4934.13   | 4970.36   | 4971.48    | 0.76    | ppb   |
| Molybdenum | 96-1  | 4983.62   | 4881.60   | 4889.81   | 4918.34    | 1.15    | ppb   |
| Molybdenum | 97-1  | 4983.19   | 4885.88   | 4906.73   | 4925.26    | 1.04    | ppb   |
| Molybdenum | 98-1  | 4887.17   | 4884.32   | 4949.93   | 4907.14    | 0.76    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 492.64    | 488.40    | 477.68    | 486.24     | 1.59    | ppb   |
| Phosphorus | 31-2  | 10324.89  | 9828.35   | 10001.14  | 10051.46   | 2.51    | ppb   |
| Potassium  | 39-2  | 127058.61 | 124006.92 | 126387.65 | 125817.73  | 1.27    | ppb   |
| Rhodium    | 103-1 |           |           |           | 100        |         | %     |
| Rhodium    | 103-2 |           |           |           | 93         |         | %     |
| Scandium   | 45-1  |           |           |           | 105        |         | %     |
| Scandium   | 45-2  |           |           |           | 104        |         | %     |
| Selenium   | 82-1  | 463.71    | 477.07    | 470.68    | 470.49     | 1.42    | ppb   |
| Selenium   | 77-2  | 503.04    | 503.66    | 487.63    | 498.11     | 1.82    | ppb   |
| Selenium   | 78-2  | 493.68    | 489.68    | 479.49    | 487.62     | 1.50    | ppb   |
| Silicon    | 28-1  | 900.60    | 913.86    | 907.02    | 907.16     | 0.73    | ppb   |
| Silver     | 107-1 | 494.74    | 485.71    | 492.05    | 490.83     | 0.94    | ppb   |
| Silver     | 109-1 | 485.26    | 484.39    | 485.35    | 485.00     | 0.11    | ppb   |
| Sodium     | 23-2  | 258456.56 | 251930.46 | 252461.70 | 254282.91  | 1.43    | ppb   |
| Strontium  | 86-1  | 12133.57  | 12005.38  | 12251.76  | 12130.24   | 1.02    | ppb   |
| Strontium  | 88-1  | 12270.35  | 12152.33  | 12409.40  | 12277.36   | 1.05    | ppb   |
| Sulfur     | 34-1  | 10562.90  | 10608.80  | 10348.47  | 10506.72   | 1.32    | ppb   |
| Terbium    | 159-1 |           |           |           | 107        |         | %     |
| Terbium    | 159-2 |           |           |           | 106        |         | %     |
| Thallium   | 203-1 | 520.49    | 506.58    | 519.54    | 515.54     | 1.51    | ppb   |
| Thallium   | 205-1 | 510.72    | 502.96    | 527.01    | 513.57     | 2.39    | ppb   |
| Tin        | 118-1 | 490.15    | 484.85    | 497.56    | 490.86     | 1.30    | ppb   |



|                        |                     |                   |          |
|------------------------|---------------------|-------------------|----------|
| LB Number :            | LB123428            | Operator :        | Jaswal   |
| Lab Sample ID :        | CCV24               | Instrumnet Name : | P8       |
| Client Sample ID :     | CCV24               | Dilution Factor : | 1        |
| Date & Time Acquired : | 2022-12-22 11:14:56 | DataFile Name :   | 020CCV.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 4861.14 | 5015.81 | 5029.51 | 4968.82    | 1.88    | ppb   |
| Uranium   | 238-1 | 515.82  | 511.64  | 515.27  | 514.24     | 0.44    | ppb   |
| Vanadium  | 51-2  | 487.78  | 478.07  | 478.82  | 481.56     | 1.12    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 108        |         | %     |
| Yttrium   | 89-2  |         |         |         | 103        |         | %     |
| Zinc      | 66-2  | 4848.69 | 4836.10 | 4751.31 | 4812.03    | 1.10    | ppb   |
| Zirconium | 90-1  | 508.05  | 506.30  | 510.25  | 508.20     | 0.39    | ppb   |
| Zirconium | 91-1  | 508.32  | 500.17  | 515.70  | 508.06     | 1.53    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | CCB24               | Instrumnet Name : | P8        |
| Client Sample ID :     | CCB24               | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:20:56 | DataFile Name :   | 021CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.32    | 0.87    | 1.11    | 1.10       | 20.18   | ppb   |
| Antimony   | 121-1 | 0.08    | 0.11    | 0.14    | 0.11       | 29.13   | ppb   |
| Arsenic    | 75-2  | 0.01    | 0.02    | 0.03    | 0.02       | 69.00   | ppb   |
| Barium     | 135-1 | 0.02    | 0.05    | 0.04    | 0.03       | 38.74   | ppb   |
| Barium     | 137-1 | 0.07    | 0.03    | 0.04    | 0.05       | 37.69   | ppb   |
| Beryllium  | 9-1   | 0.05    | 0.05    | 0.04    | 0.05       | 7.82    | ppb   |
| Bismuth    | 209-1 |         |         |         | 105        |         | %     |
| Bismuth    | 209-2 |         |         |         | 102        |         | %     |
| Boron      | 10-1  | 25.68   | 24.97   | 22.98   | 24.54      | 5.72    | ppb   |
| Boron      | 11-1  | 28.35   | 27.15   | 25.03   | 26.84      | 6.26    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | -0.07   | -0.13   | 0.00    | -0.07      |         | ppb   |
| Cadmium    | 106-1 | -1.53   | -2.03   | -0.54   | -1.37      |         | ppb   |
| Cadmium    | 108-1 | -0.20   | -0.14   | -0.14   | -0.16      |         | ppb   |
| Calcium    | 43-1  | 4.94    | 5.75    | 6.26    | 5.65       | 11.72   | ppb   |
| Calcium    | 44-1  | 3.57    | 3.56    | 3.08    | 3.40       | 8.20    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 0.03    | 0.04    | 0.01    | 0.03       | 62.99   | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.01    | 0.00       | 83.01   | ppb   |
| Copper     | 63-2  | 0.30    | 0.26    | 0.21    | 0.26       | 16.57   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 105        |         | %     |
| Holmium    | 165-2 |         |         |         | 104        |         | %     |
| Indium     | 115-1 |         |         |         | 105        |         | %     |
| Indium     | 115-2 |         |         |         | 103        |         | %     |
| Iron       | 54-2  | 3.99    | 3.00    | 2.83    | 3.27       | 19.15   | ppb   |
| Iron       | 56-2  | 2.94    | 2.34    | 2.04    | 2.44       | 18.72   | ppb   |
| Iron       | 57-2  | 3.01    | 3.17    | 2.83    | 3.00       | 5.80    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | CCB24               | Instrumnet Name : | P8        |
| Client Sample ID :     | CCB24               | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:20:56 | DataFile Name :   | 021CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.12     | 0.13     | 0.10     | 0.12       | 11.56   | ppb   |
| Lead       | 207-1 | 0.14     | 0.17     | 0.17     | 0.16       | 9.73    | ppb   |
| Lead       | 208-1 | 0.14     | 0.14     | 0.13     | 0.14       | 4.43    | ppb   |
| Lithium    | 6-1   |          |          |          | 99         |         | %     |
| Magnesium  | 24-2  | 5.43     | 3.70     | 2.66     | 3.93       | 35.67   | ppb   |
| Manganese  | 55-2  | 0.13     | 0.05     | 0.09     | 0.09       | 47.84   | ppb   |
| Molybdenum | 94-1  | 0.21     | 0.17     | 0.16     | 0.18       | 14.54   | ppb   |
| Molybdenum | 95-1  | 0.14     | 0.18     | 0.15     | 0.16       | 14.18   | ppb   |
| Molybdenum | 96-1  | 0.14     | 0.15     | 0.14     | 0.15       | 3.44    | ppb   |
| Molybdenum | 97-1  | 0.21     | 0.19     | 0.15     | 0.19       | 16.06   | ppb   |
| Molybdenum | 98-1  | 0.17     | 0.18     | 0.13     | 0.16       | 17.17   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.00     | -0.01    | 0.00     | 0.00       |         | ppb   |
| Phosphorus | 31-2  | 7.07     | 8.36     | 7.53     | 7.65       | 8.57    | ppb   |
| Potassium  | 39-2  | 12.60    | 9.09     | 15.74    | 12.48      | 26.65   | ppb   |
| Rhodium    | 103-1 |          |          |          | 107        |         | %     |
| Rhodium    | 103-2 |          |          |          | 100        |         | %     |
| Scandium   | 45-1  |          |          |          | 104        |         | %     |
| Scandium   | 45-2  |          |          |          | 102        |         | %     |
| Selenium   | 82-1  | -0.12    | -0.13    | -0.26    | -0.17      |         | ppb   |
| Selenium   | 77-2  | -0.23    | -0.23    | -0.23    | -0.23      |         | ppb   |
| Selenium   | 78-2  | -0.29    | 0.31     | -0.43    | -0.14      |         | ppb   |
| Silicon    | 28-1  | -1.27    | -1.14    | -0.91    | -1.11      |         | ppb   |
| Silver     | 107-1 | 0.16     | 0.21     | 0.20     | 0.19       | 15.50   | ppb   |
| Silver     | 109-1 | 0.18     | 0.19     | 0.18     | 0.18       | 3.47    | ppb   |
| Sodium     | 23-2  | 29.25    | 28.17    | 29.18    | 28.87      | 2.09    | ppb   |
| Strontium  | 86-1  | 0.19     | 0.24     | 0.14     | 0.19       | 26.25   | ppb   |
| Strontium  | 88-1  | 0.24     | 0.19     | 0.19     | 0.21       | 14.41   | ppb   |
| Sulfur     | 34-1  | -1752.45 | -1592.99 | -1591.85 | -1645.76   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 104        |         | %     |
| Terbium    | 159-2 |          |          |          | 104        |         | %     |
| Thallium   | 203-1 | 0.15     | 0.16     | 0.11     | 0.14       | 18.56   | ppb   |
| Thallium   | 205-1 | 0.15     | 0.16     | 0.15     | 0.15       | 4.79    | ppb   |
| Tin        | 118-1 | -0.01    | 0.02     | -0.05    | -0.01      |         | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | CCB24               | Instrumnet Name : | P8        |
| Client Sample ID :     | CCB24               | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:20:56 | DataFile Name :   | 021CCBE.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 0.12    | 0.09    | 0.12    | 0.11       | 12.87   | ppb   |
| Uranium   | 238-1 | 0.01    | 0.01    | 0.01    | 0.01       | 25.73   | ppb   |
| Vanadium  | 51-2  | 0.00    | 0.01    | 0.01    | 0.01       | 66.52   | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 109        |         | %     |
| Yttrium   | 89-2  |         |         |         | 102        |         | %     |
| Zinc      | 66-2  | 0.29    | 0.13    | 0.18    | 0.20       | 42.25   | ppb   |
| Zirconium | 90-1  | 0.00    | 0.00    | 0.01    | 0.00       | 176.78  | ppb   |
| Zirconium | 91-1  | -0.01   | 0.02    | 0.03    | 0.02       | 131.12  | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :     | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:25:19 | DataFile Name :   | 022LLCC.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 20.84   | 21.63   | 19.85   | 20.77      | 4.29    | ppb   |
| Antimony   | 121-1 | 2.00    | 1.93    | 1.82    | 1.92       | 4.61    | ppb   |
| Arsenic    | 75-2  | 1.10    | 0.94    | 0.96    | 1.00       | 8.31    | ppb   |
| Barium     | 135-1 | 9.20    | 8.96    | 8.94    | 9.03       | 1.61    | ppb   |
| Barium     | 137-1 | 9.60    | 9.08    | 8.60    | 9.09       | 5.48    | ppb   |
| Beryllium  | 9-1   | 1.17    | 1.07    | 1.08    | 1.10       | 4.89    | ppb   |
| Bismuth    | 209-1 |         |         |         | 106        |         | %     |
| Bismuth    | 209-2 |         |         |         | 102        |         | %     |
| Boron      | 10-1  | 32.01   | 30.81   | 30.53   | 31.12      | 2.52    | ppb   |
| Boron      | 11-1  | 34.66   | 33.78   | 33.81   | 34.08      | 1.47    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 0.82    | 1.07    | 0.82    | 0.90       | 15.73   | ppb   |
| Cadmium    | 106-1 | -1.15   | 0.82    | -1.58   | -0.64      |         | ppb   |
| Cadmium    | 108-1 | 0.96    | 0.82    | 0.84    | 0.87       | 8.40    | ppb   |
| Calcium    | 43-1  | 501.61  | 472.13  | 469.62  | 481.12     | 3.70    | ppb   |
| Calcium    | 44-1  | 491.80  | 470.97  | 460.12  | 474.30     | 3.39    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 1.92    | 1.86    | 1.80    | 1.86       | 3.32    | ppb   |
| Cobalt     | 59-2  | 0.95    | 0.96    | 0.93    | 0.95       | 1.56    | ppb   |
| Copper     | 63-2  | 2.24    | 2.10    | 2.00    | 2.12       | 5.66    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 106        |         | %     |
| Holmium    | 165-2 |         |         |         | 104        |         | %     |
| Indium     | 115-1 |         |         |         | 104        |         | %     |
| Indium     | 115-2 |         |         |         | 104        |         | %     |
| Iron       | 54-2  | 51.97   | 60.50   | 52.19   | 54.89      | 8.86    | ppb   |
| Iron       | 56-2  | 54.68   | 53.81   | 51.22   | 53.24      | 3.38    | ppb   |
| Iron       | 57-2  | 54.82   | 50.53   | 51.31   | 52.22      | 4.37    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :     | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:25:19 | DataFile Name :   | 022LLCC.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.91     | 0.83     | 0.84     | 0.86       | 4.80    | ppb   |
| Lead       | 207-1 | 0.92     | 0.91     | 0.85     | 0.89       | 4.26    | ppb   |
| Lead       | 208-1 | 0.92     | 0.90     | 0.86     | 0.90       | 3.42    | ppb   |
| Lithium    | 6-1   |          |          |          | 98         |         | %     |
| Magnesium  | 24-2  | 520.70   | 529.25   | 498.62   | 516.19     | 3.06    | ppb   |
| Manganese  | 55-2  | 1.02     | 0.97     | 0.95     | 0.98       | 3.70    | ppb   |
| Molybdenum | 94-1  | 5.57     | 5.44     | 5.24     | 5.42       | 3.00    | ppb   |
| Molybdenum | 95-1  | 4.85     | 4.73     | 4.80     | 4.79       | 1.20    | ppb   |
| Molybdenum | 96-1  | 4.94     | 4.73     | 4.87     | 4.85       | 2.23    | ppb   |
| Molybdenum | 97-1  | 4.95     | 4.74     | 4.74     | 4.81       | 2.52    | ppb   |
| Molybdenum | 98-1  | 4.78     | 4.62     | 4.57     | 4.66       | 2.43    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.98     | 1.01     | 0.92     | 0.97       | 4.81    | ppb   |
| Phosphorus | 31-2  | 23.65    | 19.83    | 0.34     | 14.61      | 85.56   | ppb   |
| Potassium  | 39-2  | 496.68   | 491.77   | 456.99   | 481.81     | 4.49    | ppb   |
| Rhodium    | 103-1 |          |          |          | 108        |         | %     |
| Rhodium    | 103-2 |          |          |          | 103        |         | %     |
| Scandium   | 45-1  |          |          |          | 105        |         | %     |
| Scandium   | 45-2  |          |          |          | 103        |         | %     |
| Selenium   | 82-1  | 5.42     | 4.96     | 4.57     | 4.98       | 8.47    | ppb   |
| Selenium   | 77-2  | 2.43     | 6.40     | 5.11     | 4.65       | 43.62   | ppb   |
| Selenium   | 78-2  | 5.54     | 4.15     | 5.82     | 5.17       | 17.32   | ppb   |
| Silicon    | 28-1  | 1.83     | 0.69     | 0.67     | 1.06       | 62.61   | ppb   |
| Silver     | 107-1 | 1.22     | 1.23     | 1.22     | 1.23       | 0.42    | ppb   |
| Silver     | 109-1 | 1.25     | 1.28     | 1.18     | 1.24       | 3.99    | ppb   |
| Sodium     | 23-2  | 524.97   | 523.45   | 498.74   | 515.72     | 2.86    | ppb   |
| Strontium  | 86-1  | 1.03     | 1.08     | 0.85     | 0.99       | 11.90   | ppb   |
| Strontium  | 88-1  | 1.04     | 0.97     | 0.97     | 0.99       | 4.04    | ppb   |
| Sulfur     | 34-1  | -1303.71 | -1563.02 | -1698.51 | -1521.75   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 105        |         | %     |
| Terbium    | 159-2 |          |          |          | 107        |         | %     |
| Thallium   | 203-1 | 1.03     | 1.00     | 0.95     | 0.99       | 3.97    | ppb   |
| Thallium   | 205-1 | 1.05     | 0.99     | 0.97     | 1.00       | 4.26    | ppb   |
| Tin        | 118-1 | 4.93     | 4.79     | 4.77     | 4.83       | 1.78    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :     | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:25:19 | DataFile Name :   | 022LLCC.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 4.71    | 4.94    | 4.67    | 4.77       | 3.10    | ppb   |
| Uranium   | 238-1 | 0.88    | 0.84    | 0.81    | 0.84       | 4.02    | ppb   |
| Vanadium  | 51-2  | 4.74    | 4.32    | 4.35    | 4.47       | 5.27    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 108        |         | %     |
| Yttrium   | 89-2  |         |         |         | 104        |         | %     |
| Zinc      | 66-2  | 2.42    | 2.33    | 2.64    | 2.46       | 6.57    | ppb   |
| Zirconium | 90-1  | 0.94    | 0.95    | 0.94    | 0.94       | 0.56    | ppb   |
| Zirconium | 91-1  | 0.87    | 0.81    | 0.91    | 0.86       | 5.90    | ppb   |

|                        |                      |                   |           |
|------------------------|----------------------|-------------------|-----------|
| LB Number :            | LB123428             | Operator :        | Jaswal    |
| Lab Sample ID :        | N4955-01             | Instrumnet Name : | P8        |
| Client Sample ID :     | LOD-MDL-SOIL-01-QT4- | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:32:13  | DataFile Name :   | 023AREF.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 18.51   | 13.47   | 14.00   | 15.33      | 18.08   | ppb   |
| Antimony   | 121-1 | 0.67    | 0.66    | 0.76    | 0.70       | 7.96    | ppb   |
| Arsenic    | 75-2  | 0.73    | 0.65    | 0.77    | 0.72       | 8.24    | ppb   |
| Barium     | 135-1 | 3.24    | 3.16    | 3.67    | 3.36       | 8.15    | ppb   |
| Barium     | 137-1 | 3.18    | 3.04    | 3.49    | 3.24       | 7.17    | ppb   |
| Beryllium  | 9-1   | 0.68    | 0.65    | 0.82    | 0.72       | 12.71   | ppb   |
| Bismuth    | 209-1 |         |         |         | 103        |         | %     |
| Bismuth    | 209-2 |         |         |         | 99         |         | %     |
| Boron      | 10-1  | 9.66    | 8.78    | 10.81   | 9.75       | 10.41   | ppb   |
| Boron      | 11-1  | 10.29   | 9.63    | 11.92   | 10.61      | 11.12   | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 0.73    | 0.54    | 0.70    | 0.66       | 15.53   | ppb   |
| Cadmium    | 106-1 | 0.64    | -2.05   | -1.03   | -0.81      |         | ppb   |
| Cadmium    | 108-1 | 0.60    | 0.37    | 0.69    | 0.55       | 29.93   | ppb   |
| Calcium    | 43-1  | 66.59   | 65.19   | 73.46   | 68.41      | 6.47    | ppb   |
| Calcium    | 44-1  | 63.99   | 65.47   | 80.15   | 69.87      | 12.79   | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 0.79    | 0.62    | 0.65    | 0.69       | 13.54   | ppb   |
| Cobalt     | 59-2  | 0.76    | 0.65    | 0.61    | 0.68       | 11.17   | ppb   |
| Copper     | 63-2  | 1.80    | 1.40    | 1.31    | 1.50       | 17.19   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 102        |         | %     |
| Holmium    | 165-2 |         |         |         | 101        |         | %     |
| Indium     | 115-1 |         |         |         | 102        |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Iron       | 54-2  | 43.44   | 38.23   | 35.36   | 39.01      | 10.49   | ppb   |
| Iron       | 56-2  | 44.00   | 36.97   | 35.00   | 38.65      | 12.24   | ppb   |
| Iron       | 57-2  | 44.05   | 38.78   | 35.25   | 39.36      | 11.24   | ppb   |



|                        |                      |                   |           |
|------------------------|----------------------|-------------------|-----------|
| LB Number :            | LB123428             | Operator :        | Jaswal    |
| Lab Sample ID :        | N4955-01             | Instrumnet Name : | P8        |
| Client Sample ID :     | LOD-MDL-SOIL-01-QT4- | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:32:13  | DataFile Name :   | 023AREF.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|---------|------------|---------|-------|
| Krypton    | 83-1  |          |          |         |            |         | cps   |
| Lead       | 206-1 | 0.59     | 0.61     | 0.69    | 0.63       | 8.57    | ppb   |
| Lead       | 207-1 | 0.63     | 0.63     | 0.81    | 0.69       | 14.58   | ppb   |
| Lead       | 208-1 | 0.61     | 0.63     | 0.75    | 0.66       | 11.91   | ppb   |
| Lithium    | 6-1   |          |          |         | 97         |         | %     |
| Magnesium  | 24-2  | 85.73    | 77.18    | 70.51   | 77.81      | 9.80    | ppb   |
| Manganese  | 55-2  | 1.44     | 1.38     | 1.35    | 1.39       | 3.22    | ppb   |
| Molybdenum | 94-1  | 1.53     | 1.73     | 2.13    | 1.79       | 16.95   | ppb   |
| Molybdenum | 95-1  | 0.60     | 0.60     | 0.75    | 0.65       | 12.64   | ppb   |
| Molybdenum | 96-1  | 0.75     | 0.77     | 0.83    | 0.78       | 5.15    | ppb   |
| Molybdenum | 97-1  | 0.68     | 0.57     | 0.68    | 0.64       | 9.98    | ppb   |
| Molybdenum | 98-1  | 0.64     | 0.61     | 0.77    | 0.67       | 12.24   | ppb   |
| Neodymium  | 150-1 |          |          |         |            |         | cps   |
| Neodymium  | 150-2 |          |          |         |            |         | cps   |
| Nickel     | 60-2  | 0.73     | 0.62     | 0.62    | 0.66       | 9.67    | ppb   |
| Phosphorus | 31-2  | 10.60    | -2.83    | -5.34   | 0.81       | 1058.98 | ppb   |
| Potassium  | 39-2  | 62.72    | 39.60    | 29.89   | 44.07      | 38.26   | ppb   |
| Rhodium    | 103-1 |          |          |         | 104        |         | %     |
| Rhodium    | 103-2 |          |          |         | 99         |         | %     |
| Scandium   | 45-1  |          |          |         | 101        |         | %     |
| Scandium   | 45-2  |          |          |         | 100        |         | %     |
| Selenium   | 82-1  | 0.42     | 0.48     | 0.51    | 0.47       | 9.12    | ppb   |
| Selenium   | 77-2  | -0.23    | 1.10     | 0.43    | 0.43       | 154.02  | ppb   |
| Selenium   | 78-2  | 1.77     | 0.21     | 0.93    | 0.97       | 80.21   | ppb   |
| Silicon    | 28-1  | -1.64    | -0.90    | 3.19    | 0.22       | 1208.01 | ppb   |
| Silver     | 107-1 | 0.91     | 0.89     | 0.97    | 0.92       | 4.49    | ppb   |
| Silver     | 109-1 | 0.88     | 0.91     | 1.05    | 0.95       | 9.41    | ppb   |
| Sodium     | 23-2  | 109.17   | 85.36    | 75.97   | 90.17      | 18.98   | ppb   |
| Strontium  | 86-1  | 0.71     | 0.69     | 0.74    | 0.72       | 3.46    | ppb   |
| Strontium  | 88-1  | 0.65     | 0.65     | 0.77    | 0.69       | 9.74    | ppb   |
| Sulfur     | 34-1  | -1426.51 | -1277.03 | 241.31  | -820.74    |         | ppb   |
| Terbium    | 159-1 |          |          |         | 102        |         | %     |
| Terbium    | 159-2 |          |          |         | 101        |         | %     |
| Thallium   | 203-1 | 0.70     | 0.65     | 0.78    | 0.71       | 8.82    | ppb   |
| Thallium   | 205-1 | 0.73     | 0.71     | 0.78    | 0.74       | 4.67    | ppb   |
| Tin        | 118-1 | 0.74     | 0.64     | 0.85    | 0.74       | 14.08   | ppb   |

|                        |                      |                   |           |
|------------------------|----------------------|-------------------|-----------|
| LB Number :            | LB123428             | Operator :        | Jaswal    |
| Lab Sample ID :        | N4955-01             | Instrumnet Name : | P8        |
| Client Sample ID :     | LOD-MDL-SOIL-01-QT4- | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:32:13  | DataFile Name :   | 023AREF.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 0.62    | 0.75    | 0.88    | 0.75       | 17.37   | ppb   |
| Uranium   | 238-1 | 0.55    | 0.57    | 0.67    | 0.60       | 10.77   | ppb   |
| Vanadium  | 51-2  | 0.69    | 0.60    | 0.60    | 0.63       | 8.06    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 107        |         | %     |
| Yttrium   | 89-2  |         |         |         | 100        |         | %     |
| Zinc      | 66-2  | 1.76    | 1.64    | 1.18    | 1.53       | 19.95   | ppb   |
| Zirconium | 90-1  | 0.62    | 0.59    | 0.69    | 0.63       | 7.48    | ppb   |
| Zirconium | 91-1  | 0.60    | 0.60    | 0.65    | 0.62       | 4.93    | ppb   |

|                        |                      |                   |           |
|------------------------|----------------------|-------------------|-----------|
| LB Number :            | LB123428             | Operator :        | Jaswal    |
| Lab Sample ID :        | N4955-03             | Instrumnet Name : | P8        |
| Client Sample ID :     | MDL-SOIL-03-QT4-2022 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:39:40  | DataFile Name :   | 025AREF.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.35    | 4.85    | 4.78    | 5.00       | 6.23    | ppb   |
| Antimony   | 121-1 | 0.23    | 0.23    | 0.23    | 0.23       | 1.36    | ppb   |
| Arsenic    | 75-2  | 0.23    | 0.31    | 0.24    | 0.26       | 15.14   | ppb   |
| Barium     | 135-1 | 1.19    | 1.18    | 1.25    | 1.21       | 3.08    | ppb   |
| Barium     | 137-1 | 1.08    | 1.00    | 1.10    | 1.06       | 4.82    | ppb   |
| Beryllium  | 9-1   | 0.25    | 0.26    | 0.25    | 0.26       | 1.93    | ppb   |
| Bismuth    | 209-1 |         |         |         | 108        |         | %     |
| Bismuth    | 209-2 |         |         |         | 105        |         | %     |
| Boron      | 10-1  | 5.71    | 5.34    | 5.55    | 5.53       | 3.38    | ppb   |
| Boron      | 11-1  | 5.92    | 5.80    | 6.00    | 5.91       | 1.69    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 0.42    | 0.18    | 0.15    | 0.25       | 57.67   | ppb   |
| Cadmium    | 106-1 | 1.73    | -0.66   | -1.21   | -0.04      |         | ppb   |
| Cadmium    | 108-1 | 0.19    | 0.20    | -0.05   | 0.11       | 123.96  | ppb   |
| Calcium    | 43-1  | 24.06   | 22.52   | 21.56   | 22.71      | 5.56    | ppb   |
| Calcium    | 44-1  | 21.78   | 19.62   | 21.40   | 20.93      | 5.51    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 0.23    | 0.23    | 0.20    | 0.22       | 7.86    | ppb   |
| Cobalt     | 59-2  | 0.22    | 0.20    | 0.22    | 0.21       | 6.21    | ppb   |
| Copper     | 63-2  | 0.50    | 0.53    | 0.48    | 0.51       | 5.28    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 108        |         | %     |
| Holmium    | 165-2 |         |         |         | 107        |         | %     |
| Indium     | 115-1 |         |         |         | 106        |         | %     |
| Indium     | 115-2 |         |         |         | 106        |         | %     |
| Iron       | 54-2  | 14.37   | 13.18   | 10.70   | 12.75      | 14.71   | ppb   |
| Iron       | 56-2  | 13.28   | 12.27   | 12.34   | 12.63      | 4.49    | ppb   |
| Iron       | 57-2  | 10.11   | 14.91   | 11.86   | 12.29      | 19.75   | ppb   |

|                        |                      |                   |           |
|------------------------|----------------------|-------------------|-----------|
| LB Number :            | LB123428             | Operator :        | Jaswal    |
| Lab Sample ID :        | N4955-03             | Instrumnet Name : | P8        |
| Client Sample ID :     | MDL-SOIL-03-QT4-2022 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:39:40  | DataFile Name :   | 025AREF.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.25     | 0.21     | 0.25     | 0.24       | 8.97    | ppb   |
| Lead       | 207-1 | 0.22     | 0.23     | 0.26     | 0.24       | 8.57    | ppb   |
| Lead       | 208-1 | 0.24     | 0.22     | 0.24     | 0.23       | 6.38    | ppb   |
| Lithium    | 6-1   |          |          |          | 102        |         | %     |
| Magnesium  | 24-2  | 25.95    | 26.02    | 25.42    | 25.80      | 1.26    | ppb   |
| Manganese  | 55-2  | 0.50     | 0.44     | 0.34     | 0.43       | 18.43   | ppb   |
| Molybdenum | 94-1  | 1.38     | 1.22     | 1.36     | 1.32       | 6.46    | ppb   |
| Molybdenum | 95-1  | 1.18     | 1.05     | 1.05     | 1.09       | 6.43    | ppb   |
| Molybdenum | 96-1  | 1.15     | 1.19     | 1.11     | 1.15       | 3.24    | ppb   |
| Molybdenum | 97-1  | 1.14     | 1.18     | 1.10     | 1.14       | 3.30    | ppb   |
| Molybdenum | 98-1  | 1.13     | 1.11     | 1.08     | 1.10       | 2.24    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.26     | 0.23     | 0.28     | 0.25       | 11.32   | ppb   |
| Phosphorus | 31-2  | 2.85     | 5.32     | 8.73     | 5.64       | 52.38   | ppb   |
| Potassium  | 39-2  | 15.68    | 15.43    | 12.44    | 14.52      | 12.41   | ppb   |
| Rhodium    | 103-1 |          |          |          | 111        |         | %     |
| Rhodium    | 103-2 |          |          |          | 106        |         | %     |
| Scandium   | 45-1  |          |          |          | 109        |         | %     |
| Scandium   | 45-2  |          |          |          | 106        |         | %     |
| Selenium   | 82-1  | 2.31     | 2.03     | 1.88     | 2.07       | 10.30   | ppb   |
| Selenium   | 77-2  | 2.38     | 1.72     | 1.09     | 1.73       | 37.31   | ppb   |
| Selenium   | 78-2  | 2.09     | 2.36     | 1.58     | 2.01       | 19.66   | ppb   |
| Silicon    | 28-1  | -1.45    | -2.96    | -1.13    | -1.85      |         | ppb   |
| Silver     | 107-1 | 0.25     | 0.29     | 0.30     | 0.28       | 10.59   | ppb   |
| Silver     | 109-1 | 0.28     | 0.29     | 0.31     | 0.29       | 4.99    | ppb   |
| Sodium     | 23-2  | 29.44    | 31.39    | 29.42    | 30.08      | 3.77    | ppb   |
| Strontium  | 86-1  | 0.26     | 0.22     | 0.23     | 0.24       | 9.90    | ppb   |
| Strontium  | 88-1  | 0.24     | 0.22     | 0.23     | 0.23       | 3.81    | ppb   |
| Sulfur     | 34-1  | -1221.29 | -1750.44 | -1166.93 | -1379.55   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 106        |         | %     |
| Terbium    | 159-2 |          |          |          | 107        |         | %     |
| Thallium   | 203-1 | 0.30     | 0.24     | 0.28     | 0.27       | 11.42   | ppb   |
| Thallium   | 205-1 | 0.30     | 0.28     | 0.28     | 0.29       | 4.06    | ppb   |
| Tin        | 118-1 | 0.28     | 0.27     | 0.26     | 0.27       | 4.54    | ppb   |

|                        |                      |                   |           |
|------------------------|----------------------|-------------------|-----------|
| LB Number :            | LB123428             | Operator :        | Jaswal    |
| Lab Sample ID :        | N4955-03             | Instrumnet Name : | P8        |
| Client Sample ID :     | MDL-SOIL-03-QT4-2022 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:39:40  | DataFile Name :   | 025AREF.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 1.25    | 1.10    | 1.18    | 1.18       | 6.27    | ppb   |
| Uranium   | 238-1 | 0.20    | 0.21    | 0.21    | 0.21       | 3.07    | ppb   |
| Vanadium  | 51-2  | 0.24    | 0.19    | 0.25    | 0.23       | 13.42   | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 114        |         | %     |
| Yttrium   | 89-2  |         |         |         | 106        |         | %     |
| Zinc      | 66-2  | 0.59    | 0.56    | 0.56    | 0.57       | 3.32    | ppb   |
| Zirconium | 90-1  | 0.23    | 0.22    | 0.21    | 0.22       | 4.42    | ppb   |
| Zirconium | 91-1  | 0.21    | 0.17    | 0.23    | 0.20       | 14.34   | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | N4955-07            | Instrumnet Name : | P8        |
| Client Sample ID :     | LOD-MDL-WATER-01-Q1 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:42:54 | DataFile Name :   | 026AREF.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD  | Units |
|------------|-------|---------|---------|---------|------------|----------|-------|
| Aluminium  | 27-2  | 19.66   | 14.13   | 13.82   | 15.87      | 20.69    | ppb   |
| Antimony   | 121-1 | 0.72    | 0.65    | 0.69    | 0.69       | 4.93     | ppb   |
| Arsenic    | 75-2  | 0.65    | 0.56    | 0.77    | 0.66       | 16.08    | ppb   |
| Barium     | 135-1 | 3.29    | 3.15    | 3.15    | 3.20       | 2.61     | ppb   |
| Barium     | 137-1 | 3.34    | 3.27    | 3.15    | 3.25       | 2.94     | ppb   |
| Beryllium  | 9-1   | 0.72    | 0.70    | 0.71    | 0.71       | 1.53     | ppb   |
| Bismuth    | 209-1 |         |         |         | 110        |          | %     |
| Bismuth    | 209-2 |         |         |         | 105        |          | %     |
| Boron      | 10-1  | 4.93    | 4.76    | 4.64    | 4.78       | 3.06     | ppb   |
| Boron      | 11-1  | 5.38    | 5.07    | 5.24    | 5.23       | 2.94     | ppb   |
| Bromine    | 81-1  |         |         |         |            |          | cps   |
| Cadmium    | 111-1 | 1.02    | 0.49    | 0.56    | 0.69       | 41.46    | ppb   |
| Cadmium    | 106-1 | 3.70    | -1.60   | -2.01   | 0.03       | 10131.58 | ppb   |
| Cadmium    | 108-1 | 0.62    | 0.60    | 0.65    | 0.63       | 3.90     | ppb   |
| Calcium    | 43-1  | 68.58   | 69.68   | 70.59   | 69.62      | 1.45     | ppb   |
| Calcium    | 44-1  | 67.64   | 65.86   | 65.87   | 66.46      | 1.54     | ppb   |
| Carbon     | 12-1  |         |         |         |            |          | cps   |
| Carbon     | 12-2  |         |         |         |            |          | cps   |
| Chlorine   | 35-1  |         |         |         |            |          | cps   |
| Chlorine   | 35-2  |         |         |         |            |          | cps   |
| Chromium   | 52-2  | 0.61    | 0.61    | 0.61    | 0.61       | 0.27     | ppb   |
| Cobalt     | 59-2  | 0.74    | 0.63    | 0.65    | 0.67       | 8.71     | ppb   |
| Copper     | 63-2  | 1.72    | 1.32    | 1.32    | 1.46       | 15.74    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |          | cps   |
| Dysprosium | 156-2 |         |         |         |            |          | cps   |
| Erbium     | 164-1 |         |         |         |            |          | cps   |
| Erbium     | 164-2 |         |         |         |            |          | cps   |
| Gadolinium | 160-1 |         |         |         |            |          | cps   |
| Gadolinium | 160-2 |         |         |         |            |          | cps   |
| Holmium    | 165-1 |         |         |         | 108        |          | %     |
| Holmium    | 165-2 |         |         |         | 110        |          | %     |
| Indium     | 115-1 |         |         |         | 108        |          | %     |
| Indium     | 115-2 |         |         |         | 108        |          | %     |
| Iron       | 54-2  | 49.06   | 38.10   | 38.54   | 41.90      | 14.81    | ppb   |
| Iron       | 56-2  | 47.80   | 37.36   | 34.77   | 39.98      | 17.26    | ppb   |
| Iron       | 57-2  | 43.99   | 35.41   | 34.43   | 37.94      | 13.85    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | N4955-07            | Instrumnet Name : | P8        |
| Client Sample ID :     | LOD-MDL-WATER-01-Q1 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:42:54 | DataFile Name :   | 026AREF.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.64     | 0.58     | 0.64     | 0.62       | 5.35    | ppb   |
| Lead       | 207-1 | 0.63     | 0.62     | 0.61     | 0.62       | 2.16    | ppb   |
| Lead       | 208-1 | 0.64     | 0.61     | 0.64     | 0.63       | 2.26    | ppb   |
| Lithium    | 6-1   |          |          |          | 103        |         | %     |
| Magnesium  | 24-2  | 95.39    | 72.80    | 69.88    | 79.35      | 17.59   | ppb   |
| Manganese  | 55-2  | 1.66     | 1.41     | 1.34     | 1.47       | 11.50   | ppb   |
| Molybdenum | 94-1  | 1.62     | 1.60     | 1.74     | 1.65       | 4.89    | ppb   |
| Molybdenum | 95-1  | 0.66     | 0.67     | 0.65     | 0.66       | 1.90    | ppb   |
| Molybdenum | 96-1  | 0.86     | 0.80     | 0.81     | 0.82       | 4.02    | ppb   |
| Molybdenum | 97-1  | 0.73     | 0.68     | 0.76     | 0.73       | 5.72    | ppb   |
| Molybdenum | 98-1  | 0.69     | 0.69     | 0.66     | 0.68       | 2.42    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.77     | 0.67     | 0.67     | 0.70       | 7.70    | ppb   |
| Phosphorus | 31-2  | 0.53     | -0.09    | -9.72    | -3.09      |         | ppb   |
| Potassium  | 39-2  | 36.24    | 30.91    | 28.25    | 31.80      | 12.80   | ppb   |
| Rhodium    | 103-1 |          |          |          | 111        |         | %     |
| Rhodium    | 103-2 |          |          |          | 105        |         | %     |
| Scandium   | 45-1  |          |          |          | 109        |         | %     |
| Scandium   | 45-2  |          |          |          | 107        |         | %     |
| Selenium   | 82-1  | 0.64     | 0.63     | 0.09     | 0.45       | 70.10   | ppb   |
| Selenium   | 77-2  | 0.42     | 2.34     | 1.06     | 1.27       | 76.77   | ppb   |
| Selenium   | 78-2  | 0.99     | 0.79     | 0.41     | 0.73       | 40.02   | ppb   |
| Silicon    | 28-1  | -1.73    | -1.90    | -1.88    | -1.84      |         | ppb   |
| Silver     | 107-1 | 0.77     | 0.72     | 0.74     | 0.74       | 3.25    | ppb   |
| Silver     | 109-1 | 0.73     | 0.72     | 0.71     | 0.72       | 1.59    | ppb   |
| Sodium     | 23-2  | 91.38    | 76.95    | 73.74    | 80.69      | 11.65   | ppb   |
| Strontium  | 86-1  | 0.69     | 0.64     | 0.70     | 0.68       | 4.64    | ppb   |
| Strontium  | 88-1  | 0.69     | 0.69     | 0.72     | 0.70       | 2.42    | ppb   |
| Sulfur     | 34-1  | -1198.57 | -1318.39 | -1193.17 | -1236.71   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 109        |         | %     |
| Thallium   | 203-1 | 0.65     | 0.75     | 0.66     | 0.68       | 7.79    | ppb   |
| Thallium   | 205-1 | 0.70     | 0.64     | 0.65     | 0.66       | 5.27    | ppb   |
| Tin        | 118-1 | 0.68     | 0.76     | 0.71     | 0.72       | 5.87    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | N4955-07            | Instrumnet Name : | P8        |
| Client Sample ID :     | LOD-MDL-WATER-01-Q1 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:42:54 | DataFile Name :   | 026AREF.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 0.66    | 0.63    | 0.79    | 0.69       | 11.71   | ppb   |
| Uranium   | 238-1 | 0.61    | 0.61    | 0.60    | 0.61       | 0.77    | ppb   |
| Vanadium  | 51-2  | 0.74    | 0.67    | 0.57    | 0.66       | 13.50   | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 113        |         | %     |
| Yttrium   | 89-2  |         |         |         | 107        |         | %     |
| Zinc      | 66-2  | 1.67    | 1.27    | 1.59    | 1.51       | 13.83   | ppb   |
| Zirconium | 90-1  | 0.65    | 0.62    | 0.65    | 0.64       | 2.79    | ppb   |
| Zirconium | 91-1  | 0.66    | 0.67    | 0.63    | 0.66       | 3.02    | ppb   |



|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | N4955-09            | Instrumnet Name : | P8        |
| Client Sample ID :     | MDL-WATER-03-QT4-20 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:46:23 | DataFile Name :   | 027AREF.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.35    | 4.89    | 4.48    | 4.91       | 8.87    | ppb   |
| Antimony   | 121-1 | 0.26    | 0.27    | 0.25    | 0.26       | 3.57    | ppb   |
| Arsenic    | 75-2  | 0.24    | 0.26    | 0.20    | 0.23       | 13.17   | ppb   |
| Barium     | 135-1 | 1.18    | 1.10    | 1.10    | 1.13       | 4.47    | ppb   |
| Barium     | 137-1 | 1.10    | 1.18    | 1.13    | 1.13       | 3.53    | ppb   |
| Beryllium  | 9-1   | 0.24    | 0.25    | 0.26    | 0.25       | 4.48    | ppb   |
| Bismuth    | 209-1 |         |         |         | 105        |         | %     |
| Bismuth    | 209-2 |         |         |         | 109        |         | %     |
| Boron      | 10-1  | 3.75    | 3.57    | 3.88    | 3.73       | 4.24    | ppb   |
| Boron      | 11-1  | 4.11    | 4.01    | 4.25    | 4.12       | 2.92    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 0.26    | 0.29    | 0.26    | 0.27       | 6.80    | ppb   |
| Cadmium    | 106-1 | 0.96    | 0.17    | -0.04   | 0.36       | 144.90  | ppb   |
| Cadmium    | 108-1 | 0.27    | 0.16    | 0.14    | 0.19       | 36.99   | ppb   |
| Calcium    | 43-1  | 23.90   | 20.76   | 23.70   | 22.79      | 7.71    | ppb   |
| Calcium    | 44-1  | 19.98   | 19.16   | 21.68   | 20.27      | 6.34    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 0.26    | 0.18    | 0.20    | 0.21       | 17.84   | ppb   |
| Cobalt     | 59-2  | 0.24    | 0.22    | 0.20    | 0.22       | 9.09    | ppb   |
| Copper     | 63-2  | 0.49    | 0.52    | 0.45    | 0.49       | 7.07    | 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 |         |         |         | 106        |         | %     |
| Holmium    | 165-2 |         |         |         | 109        |         | %     |
| Indium     | 115-1 |         |         |         | 104        |         | %     |
| Indium     | 115-2 |         |         |         | 109        |         | %     |
| Iron       | 54-2  | 14.51   | 13.44   | 10.40   | 12.78      | 16.70   | ppb   |
| Iron       | 56-2  | 13.16   | 12.31   | 11.48   | 12.32      | 6.85    | ppb   |
| Iron       | 57-2  | 12.15   | 10.12   | 7.66    | 9.97       | 22.54   | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | N4955-09            | Instrumnet Name : | P8        |
| Client Sample ID :     | MDL-WATER-03-QT4-20 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:46:23 | DataFile Name :   | 027AREF.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|---------|------------|---------|-------|
| Krypton    | 83-1  |          |          |         |            |         | cps   |
| Lead       | 206-1 | 0.24     | 0.22     | 0.23    | 0.23       | 3.86    | ppb   |
| Lead       | 207-1 | 0.20     | 0.23     | 0.22    | 0.21       | 7.39    | ppb   |
| Lead       | 208-1 | 0.23     | 0.22     | 0.24    | 0.23       | 3.34    | ppb   |
| Lithium    | 6-1   |          |          |         | 101        |         | %     |
| Magnesium  | 24-2  | 25.31    | 23.92    | 23.08   | 24.10      | 4.66    | ppb   |
| Manganese  | 55-2  | 0.44     | 0.47     | 0.40    | 0.44       | 8.31    | ppb   |
| Molybdenum | 94-1  | 1.30     | 1.45     | 1.35    | 1.36       | 5.73    | ppb   |
| Molybdenum | 95-1  | 1.10     | 1.10     | 1.18    | 1.13       | 4.36    | ppb   |
| Molybdenum | 96-1  | 1.18     | 1.18     | 1.24    | 1.20       | 2.89    | ppb   |
| Molybdenum | 97-1  | 1.17     | 1.21     | 1.15    | 1.18       | 2.60    | ppb   |
| Molybdenum | 98-1  | 1.04     | 1.22     | 1.22    | 1.16       | 9.09    | ppb   |
| Neodymium  | 150-1 |          |          |         |            |         | cps   |
| Neodymium  | 150-2 |          |          |         |            |         | cps   |
| Nickel     | 60-2  | 0.22     | 0.22     | 0.25    | 0.23       | 7.47    | ppb   |
| Phosphorus | 31-2  | -11.90   | -11.46   | -4.59   | -9.32      |         | ppb   |
| Potassium  | 39-2  | 22.55    | 8.63     | -1.53   | 9.88       | 122.32  | ppb   |
| Rhodium    | 103-1 |          |          |         | 109        |         | %     |
| Rhodium    | 103-2 |          |          |         | 107        |         | %     |
| Scandium   | 45-1  |          |          |         | 108        |         | %     |
| Scandium   | 45-2  |          |          |         | 108        |         | %     |
| Selenium   | 82-1  | 2.23     | 2.40     | 2.07    | 2.23       | 7.40    | ppb   |
| Selenium   | 77-2  | 2.44     | 1.07     | 0.99    | 1.50       | 54.33   | ppb   |
| Selenium   | 78-2  | 1.41     | 1.39     | 1.65    | 1.48       | 9.50    | ppb   |
| Silicon    | 28-1  | -2.28    | -2.23    | 0.66    | -1.28      |         | ppb   |
| Silver     | 107-1 | 0.31     | 0.29     | 0.32    | 0.31       | 3.82    | ppb   |
| Silver     | 109-1 | 0.29     | 0.28     | 0.29    | 0.29       | 1.42    | ppb   |
| Sodium     | 23-2  | 32.65    | 25.39    | 25.80   | 27.95      | 14.60   | ppb   |
| Strontium  | 86-1  | 0.23     | 0.24     | 0.22    | 0.23       | 4.43    | ppb   |
| Strontium  | 88-1  | 0.22     | 0.22     | 0.25    | 0.23       | 7.75    | ppb   |
| Sulfur     | 34-1  | -1242.99 | -1468.59 | -742.51 | -1151.37   |         | ppb   |
| Terbium    | 159-1 |          |          |         | 104        |         | %     |
| Terbium    | 159-2 |          |          |         | 108        |         | %     |
| Thallium   | 203-1 | 0.25     | 0.27     | 0.32    | 0.28       | 12.04   | ppb   |
| Thallium   | 205-1 | 0.27     | 0.30     | 0.29    | 0.29       | 5.18    | ppb   |
| Tin        | 118-1 | 0.31     | 0.30     | 0.28    | 0.30       | 5.16    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | N4955-09            | Instrumnet Name : | P8        |
| Client Sample ID :     | MDL-WATER-03-QT4-20 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:46:23 | DataFile Name :   | 027AREF.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 1.09    | 1.34    | 1.49    | 1.31       | 15.30   | ppb   |
| Uranium   | 238-1 | 0.20    | 0.21    | 0.21    | 0.21       | 4.39    | ppb   |
| Vanadium  | 51-2  | 0.24    | 0.21    | 0.20    | 0.21       | 9.76    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 110        |         | %     |
| Yttrium   | 89-2  |         |         |         | 108        |         | %     |
| Zinc      | 66-2  | 0.58    | 0.56    | 0.49    | 0.54       | 8.77    | ppb   |
| Zirconium | 90-1  | 0.21    | 0.23    | 0.21    | 0.22       | 5.76    | ppb   |
| Zirconium | 91-1  | 0.22    | 0.25    | 0.16    | 0.21       | 21.80   | ppb   |

LB Number : LB123428 Operator : Jaswal  
 Lab Sample ID : N4955-10 Instrumnet Name : P8  
 Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1  
 Date & Time Acquired : 2022-12-22 11:53:34 DataFile Name : 028AREF.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 15.38   | 14.25   | 14.48   | 14.71      | 4.07    | ppb   |
| Antimony   | 121-1 | 0.68    | 0.67    | 0.69    | 0.68       | 1.11    | ppb   |
| Arsenic    | 75-2  | 0.69    | 0.72    | 0.65    | 0.69       | 4.79    | ppb   |
| Barium     | 135-1 | 3.23    | 3.23    | 3.14    | 3.20       | 1.71    | ppb   |
| Barium     | 137-1 | 3.20    | 3.30    | 3.31    | 3.27       | 1.87    | ppb   |
| Beryllium  | 9-1   | 0.74    | 0.74    | 0.72    | 0.73       | 1.09    | ppb   |
| Bismuth    | 209-1 |         |         |         | 106        |         | %     |
| Bismuth    | 209-2 |         |         |         | 106        |         | %     |
| Boron      | 10-1  | 3.06    | 2.90    | 3.07    | 3.01       | 3.15    | ppb   |
| Boron      | 11-1  | 3.24    | 3.19    | 3.25    | 3.23       | 1.02    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 0.54    | 0.63    | 0.67    | 0.62       | 10.77   | ppb   |
| Cadmium    | 106-1 | -1.78   | -1.05   | -0.72   | -1.18      |         | ppb   |
| Cadmium    | 108-1 | 0.65    | 0.66    | 0.52    | 0.61       | 12.89   | ppb   |
| Calcium    | 43-1  | 64.87   | 69.70   | 64.63   | 66.40      | 4.31    | ppb   |
| Calcium    | 44-1  | 63.54   | 68.91   | 63.51   | 65.32      | 4.76    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 0.65    | 0.61    | 0.67    | 0.64       | 4.59    | ppb   |
| Cobalt     | 59-2  | 0.67    | 0.67    | 0.69    | 0.68       | 1.24    | ppb   |
| Copper     | 63-2  | 1.26    | 1.30    | 1.39    | 1.32       | 5.12    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 109        |         | %     |
| Holmium    | 165-2 |         |         |         | 109        |         | %     |
| Indium     | 115-1 |         |         |         | 107        |         | %     |
| Indium     | 115-2 |         |         |         | 109        |         | %     |
| Iron       | 54-2  | 38.04   | 36.35   | 36.32   | 36.90      | 2.67    | ppb   |
| Iron       | 56-2  | 37.27   | 36.92   | 35.67   | 36.62      | 2.30    | ppb   |
| Iron       | 57-2  | 31.83   | 31.14   | 37.54   | 33.50      | 10.48   | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | N4955-10            | Instrumnet Name : | P8        |
| Client Sample ID :     | LOD-MDL-WATER-04-Q1 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:53:34 | DataFile Name :   | 028AREF.d |

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |         |          |            |         | cps   |
| Lead       | 206-1 | 0.62     | 0.61    | 0.60     | 0.61       | 1.89    | ppb   |
| Lead       | 207-1 | 0.59     | 0.71    | 0.62     | 0.64       | 9.24    | ppb   |
| Lead       | 208-1 | 0.63     | 0.64    | 0.62     | 0.63       | 1.66    | ppb   |
| Lithium    | 6-1   |          |         |          | 102        |         | %     |
| Magnesium  | 24-2  | 73.31    | 69.41   | 73.98    | 72.24      | 3.42    | ppb   |
| Manganese  | 55-2  | 1.30     | 1.29    | 1.21     | 1.27       | 3.90    | ppb   |
| Molybdenum | 94-1  | 1.91     | 1.81    | 1.55     | 1.76       | 10.77   | ppb   |
| Molybdenum | 95-1  | 0.65     | 0.64    | 0.57     | 0.62       | 6.92    | ppb   |
| Molybdenum | 96-1  | 0.82     | 0.78    | 0.77     | 0.79       | 3.45    | ppb   |
| Molybdenum | 97-1  | 0.71     | 0.63    | 0.68     | 0.67       | 6.27    | ppb   |
| Molybdenum | 98-1  | 0.69     | 0.68    | 0.69     | 0.69       | 1.45    | ppb   |
| Neodymium  | 150-1 |          |         |          |            |         | cps   |
| Neodymium  | 150-2 |          |         |          |            |         | cps   |
| Nickel     | 60-2  | 0.70     | 0.54    | 0.66     | 0.63       | 13.49   | ppb   |
| Phosphorus | 31-2  | -0.19    | 3.16    | 0.55     | 1.17       | 149.85  | ppb   |
| Potassium  | 39-2  | 30.45    | 28.40   | 34.27    | 31.04      | 9.61    | ppb   |
| Rhodium    | 103-1 |          |         |          | 112        |         | %     |
| Rhodium    | 103-2 |          |         |          | 107        |         | %     |
| Scandium   | 45-1  |          |         |          | 108        |         | %     |
| Scandium   | 45-2  |          |         |          | 110        |         | %     |
| Selenium   | 82-1  | 0.62     | 0.49    | 0.51     | 0.54       | 13.09   | ppb   |
| Selenium   | 77-2  | 3.60     | 1.03    | 1.05     | 1.89       | 78.28   | ppb   |
| Selenium   | 78-2  | -0.10    | 0.68    | 1.44     | 0.68       | 113.95  | ppb   |
| Silicon    | 28-1  | -2.21    | -0.52   | -1.58    | -1.44      |         | ppb   |
| Silver     | 107-1 | 0.76     | 0.74    | 0.75     | 0.75       | 1.28    | ppb   |
| Silver     | 109-1 | 0.75     | 0.78    | 0.77     | 0.77       | 2.26    | ppb   |
| Sodium     | 23-2  | 66.56    | 68.37   | 69.96    | 68.29      | 2.49    | ppb   |
| Strontium  | 86-1  | 0.65     | 0.67    | 0.69     | 0.67       | 3.38    | ppb   |
| Strontium  | 88-1  | 0.67     | 0.68    | 0.65     | 0.67       | 2.14    | ppb   |
| Sulfur     | 34-1  | -1196.53 | -714.40 | -1009.66 | -973.53    |         | ppb   |
| Terbium    | 159-1 |          |         |          | 107        |         | %     |
| Terbium    | 159-2 |          |         |          | 109        |         | %     |
| Thallium   | 203-1 | 0.70     | 0.70    | 0.64     | 0.68       | 5.16    | ppb   |
| Thallium   | 205-1 | 0.67     | 0.72    | 0.69     | 0.69       | 3.36    | ppb   |
| Tin        | 118-1 | 0.71     | 0.71    | 0.77     | 0.73       | 4.66    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | N4955-10            | Instrumnet Name : | P8        |
| Client Sample ID :     | LOD-MDL-WATER-04-Q1 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:53:34 | DataFile Name :   | 028AREF.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 0.93    | 0.64    | 0.69    | 0.75       | 20.63   | ppb   |
| Uranium   | 238-1 | 0.62    | 0.63    | 0.57    | 0.60       | 5.32    | ppb   |
| Vanadium  | 51-2  | 0.66    | 0.61    | 0.66    | 0.64       | 4.83    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 110        |         | %     |
| Yttrium   | 89-2  |         |         |         | 109        |         | %     |
| Zinc      | 66-2  | 1.44    | 1.50    | 1.30    | 1.41       | 7.15    | ppb   |
| Zirconium | 90-1  | 0.61    | 0.70    | 0.65    | 0.66       | 7.00    | ppb   |
| Zirconium | 91-1  | 0.76    | 0.63    | 0.62    | 0.67       | 11.24   | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | N4955-12            | Instrumnet Name : | P8        |
| Client Sample ID :     | MDL-WATER-06-QT4-20 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:56:45 | DataFile Name :   | 029AREF.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.17    | 5.73    | 5.29    | 5.40       | 5.42    | ppb   |
| Antimony   | 121-1 | 0.23    | 0.25    | 0.24    | 0.24       | 5.72    | ppb   |
| Arsenic    | 75-2  | 0.32    | 0.24    | 0.24    | 0.27       | 17.85   | ppb   |
| Barium     | 135-1 | 1.05    | 1.09    | 1.33    | 1.16       | 12.92   | ppb   |
| Barium     | 137-1 | 1.15    | 1.17    | 1.04    | 1.12       | 6.42    | ppb   |
| Beryllium  | 9-1   | 0.26    | 0.25    | 0.25    | 0.26       | 2.57    | ppb   |
| Bismuth    | 209-1 |         |         |         | 109        |         | %     |
| Bismuth    | 209-2 |         |         |         | 106        |         | %     |
| Boron      | 10-1  | 2.31    | 2.44    | 2.43    | 2.39       | 3.16    | ppb   |
| Boron      | 11-1  | 2.38    | 2.52    | 2.47    | 2.46       | 2.79    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 0.22    | 0.37    | 0.32    | 0.30       | 24.71   | ppb   |
| Cadmium    | 106-1 | -0.51   | 1.35    | 1.26    | 0.70       | 149.23  | ppb   |
| Cadmium    | 108-1 | 0.16    | 0.22    | 0.21    | 0.20       | 18.41   | ppb   |
| Calcium    | 43-1  | 24.32   | 25.20   | 23.77   | 24.43      | 2.95    | ppb   |
| Calcium    | 44-1  | 20.19   | 22.70   | 21.80   | 21.56      | 5.88    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 0.22    | 0.22    | 0.23    | 0.22       | 1.68    | ppb   |
| Cobalt     | 59-2  | 0.26    | 0.22    | 0.20    | 0.23       | 14.19   | ppb   |
| Copper     | 63-2  | 0.49    | 0.46    | 0.51    | 0.48       | 5.44    | 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 |         |         |         | 108        |         | %     |
| Holmium    | 165-2 |         |         |         | 108        |         | %     |
| Indium     | 115-1 |         |         |         | 108        |         | %     |
| Indium     | 115-2 |         |         |         | 108        |         | %     |
| Iron       | 54-2  | 12.55   | 12.62   | 13.37   | 12.85      | 3.55    | ppb   |
| Iron       | 56-2  | 12.95   | 12.68   | 12.63   | 12.75      | 1.36    | ppb   |
| Iron       | 57-2  | 8.88    | 11.64   | 11.59   | 10.70      | 14.73   | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | N4955-12            | Instrumnet Name : | P8        |
| Client Sample ID :     | MDL-WATER-06-QT4-20 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:56:45 | DataFile Name :   | 029AREF.d |

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|---------|------------|---------|-------|
| Krypton    | 83-1  |          |         |         |            |         | cps   |
| Lead       | 206-1 | 0.24     | 0.27    | 0.20    | 0.24       | 16.66   | ppb   |
| Lead       | 207-1 | 0.20     | 0.22    | 0.19    | 0.20       | 8.29    | ppb   |
| Lead       | 208-1 | 0.22     | 0.23    | 0.20    | 0.22       | 7.30    | ppb   |
| Lithium    | 6-1   |          |         |         | 102        |         | %     |
| Magnesium  | 24-2  | 26.51    | 24.46   | 24.87   | 25.28      | 4.27    | ppb   |
| Manganese  | 55-2  | 0.44     | 0.46    | 0.37    | 0.42       | 10.19   | ppb   |
| Molybdenum | 94-1  | 1.32     | 1.28    | 1.43    | 1.34       | 5.79    | ppb   |
| Molybdenum | 95-1  | 1.21     | 1.18    | 1.16    | 1.18       | 2.28    | ppb   |
| Molybdenum | 96-1  | 1.15     | 1.22    | 1.12    | 1.17       | 4.47    | ppb   |
| Molybdenum | 97-1  | 1.21     | 1.12    | 1.20    | 1.18       | 3.96    | ppb   |
| Molybdenum | 98-1  | 1.15     | 1.15    | 1.02    | 1.11       | 6.94    | ppb   |
| Neodymium  | 150-1 |          |         |         |            |         | cps   |
| Neodymium  | 150-2 |          |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.26     | 0.20    | 0.26    | 0.24       | 15.52   | ppb   |
| Phosphorus | 31-2  | 0.51     | 5.30    | -16.79  | -3.66      |         | ppb   |
| Potassium  | 39-2  | 20.35    | 12.41   | 7.85    | 13.54      | 46.72   | ppb   |
| Rhodium    | 103-1 |          |         |         | 111        |         | %     |
| Rhodium    | 103-2 |          |         |         | 105        |         | %     |
| Scandium   | 45-1  |          |         |         | 107        |         | %     |
| Scandium   | 45-2  |          |         |         | 109        |         | %     |
| Selenium   | 82-1  | 2.34     | 2.01    | 1.84    | 2.06       | 12.25   | ppb   |
| Selenium   | 77-2  | 1.73     | 3.66    | 1.09    | 2.16       | 61.98   | ppb   |
| Selenium   | 78-2  | 0.88     | 2.52    | 2.24    | 1.88       | 46.61   | ppb   |
| Silicon    | 28-1  | -2.04    | -0.71   | -0.48   | -1.08      |         | ppb   |
| Silver     | 107-1 | 0.25     | 0.24    | 0.26    | 0.25       | 5.10    | ppb   |
| Silver     | 109-1 | 0.24     | 0.26    | 0.24    | 0.25       | 3.63    | ppb   |
| Sodium     | 23-2  | 27.27    | 23.70   | 24.07   | 25.01      | 7.85    | ppb   |
| Strontium  | 86-1  | 0.22     | 0.23    | 0.13    | 0.20       | 27.97   | ppb   |
| Strontium  | 88-1  | 0.25     | 0.21    | 0.23    | 0.23       | 8.43    | ppb   |
| Sulfur     | 34-1  | -1130.74 | -550.75 | -713.36 | -798.28    |         | ppb   |
| Terbium    | 159-1 |          |         |         | 105        |         | %     |
| Terbium    | 159-2 |          |         |         | 111        |         | %     |
| Thallium   | 203-1 | 0.23     | 0.28    | 0.25    | 0.25       | 9.08    | ppb   |
| Thallium   | 205-1 | 0.25     | 0.27    | 0.25    | 0.26       | 3.99    | ppb   |
| Tin        | 118-1 | 0.25     | 0.28    | 0.25    | 0.26       | 6.24    | ppb   |



|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | N4955-12            | Instrumnet Name : | P8        |
| Client Sample ID :     | MDL-WATER-06-QT4-20 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:56:45 | DataFile Name :   | 029AREF.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 1.29    | 1.29    | 1.19    | 1.25       | 4.76    | ppb   |
| Uranium   | 238-1 | 0.21    | 0.20    | 0.18    | 0.20       | 6.70    | ppb   |
| Vanadium  | 51-2  | 0.23    | 0.23    | 0.21    | 0.23       | 4.78    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 113        |         | %     |
| Yttrium   | 89-2  |         |         |         | 106        |         | %     |
| Zinc      | 66-2  | 0.44    | 0.59    | 0.30    | 0.44       | 32.03   | ppb   |
| Zirconium | 90-1  | 0.22    | 0.22    | 0.22    | 0.22       | 2.03    | ppb   |
| Zirconium | 91-1  | 0.22    | 0.25    | 0.22    | 0.23       | 7.81    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | N5388-02            | Instrumnet Name : | P8        |
| Client Sample ID :     | MDL-WATER-QT4-2022- | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:03:08 | DataFile Name :   | 031AREF.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 8.85    | 8.34    | 8.19    | 8.46       | 4.05    | ppb   |
| Antimony   | 121-1 | 0.82    | 0.73    | 0.72    | 0.75       | 7.23    | ppb   |
| Arsenic    | 75-2  | 0.38    | 0.41    | 0.48    | 0.42       | 11.45   | ppb   |
| Barium     | 135-1 | 3.97    | 3.25    | 3.19    | 3.47       | 12.48   | ppb   |
| Barium     | 137-1 | 3.94    | 3.48    | 3.48    | 3.63       | 7.19    | ppb   |
| Beryllium  | 9-1   | 0.45    | 0.41    | 0.38    | 0.41       | 7.48    | ppb   |
| Bismuth    | 209-1 |         |         |         | 111        |         | %     |
| Bismuth    | 209-2 |         |         |         | 105        |         | %     |
| Boron      | 10-1  | 8.31    | 8.31    | 7.85    | 8.15       | 3.29    | ppb   |
| Boron      | 11-1  | 9.41    | 8.95    | 8.86    | 9.08       | 3.26    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 0.60    | 0.31    | 0.37    | 0.43       | 35.90   | ppb   |
| Cadmium    | 106-1 | 1.60    | -0.85   | 0.45    | 0.40       | 304.06  | ppb   |
| Cadmium    | 108-1 | 0.17    | 0.33    | 0.23    | 0.24       | 32.42   | ppb   |
| Calcium    | 43-1  | 193.80  | 180.81  | 173.55  | 182.72     | 5.62    | ppb   |
| Calcium    | 44-1  | 195.32  | 174.60  | 169.96  | 179.96     | 7.50    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 0.78    | 0.71    | 0.70    | 0.73       | 6.23    | ppb   |
| Cobalt     | 59-2  | 0.41    | 0.38    | 0.39    | 0.39       | 4.19    | ppb   |
| Copper     | 63-2  | 0.84    | 0.72    | 0.75    | 0.77       | 7.50    | 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 |         |         |         | 111        |         | %     |
| Holmium    | 165-2 |         |         |         | 108        |         | %     |
| Indium     | 115-1 |         |         |         | 111        |         | %     |
| Indium     | 115-2 |         |         |         | 108        |         | %     |
| Iron       | 54-2  | 89.56   | 89.82   | 90.48   | 89.95      | 0.53    | ppb   |
| Iron       | 56-2  | 90.79   | 86.25   | 88.50   | 88.51      | 2.57    | ppb   |
| Iron       | 57-2  | 88.52   | 84.79   | 89.13   | 87.48      | 2.68    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | N5388-02            | Instrumnet Name : | P8        |
| Client Sample ID :     | MDL-WATER-QT4-2022- | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:03:08 | DataFile Name :   | 031AREF.d |

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |         |          |          |            |         | cps   |
| Lead       | 206-1 | 0.36    | 0.36     | 0.31     | 0.34       | 9.59    | ppb   |
| Lead       | 207-1 | 0.35    | 0.30     | 0.31     | 0.32       | 8.51    | ppb   |
| Lead       | 208-1 | 0.36    | 0.32     | 0.32     | 0.33       | 7.81    | ppb   |
| Lithium    | 6-1   |         |          |          | 107        |         | %     |
| Magnesium  | 24-2  | 213.95  | 208.48   | 209.89   | 210.77     | 1.35    | ppb   |
| Manganese  | 55-2  | 0.39    | 0.40     | 0.47     | 0.42       | 9.52    | ppb   |
| Molybdenum | 94-1  | 2.31    | 2.08     | 2.11     | 2.17       | 5.89    | ppb   |
| Molybdenum | 95-1  | 1.85    | 1.79     | 1.57     | 1.74       | 8.41    | ppb   |
| Molybdenum | 96-1  | 1.88    | 1.65     | 1.75     | 1.76       | 6.45    | ppb   |
| Molybdenum | 97-1  | 2.02    | 1.63     | 1.63     | 1.76       | 12.60   | ppb   |
| Molybdenum | 98-1  | 1.97    | 1.80     | 1.67     | 1.81       | 8.31    | ppb   |
| Neodymium  | 150-1 |         |          |          |            |         | cps   |
| Neodymium  | 150-2 |         |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.40    | 0.48     | 0.40     | 0.43       | 10.72   | ppb   |
| Phosphorus | 31-2  | 0.74    | -22.81   | -15.40   | -12.49     |         | ppb   |
| Potassium  | 39-2  | 191.54  | 178.29   | 188.63   | 186.15     | 3.74    | ppb   |
| Rhodium    | 103-1 |         |          |          | 117        |         | %     |
| Rhodium    | 103-2 |         |          |          | 107        |         | %     |
| Scandium   | 45-1  |         |          |          | 114        |         | %     |
| Scandium   | 45-2  |         |          |          | 110        |         | %     |
| Selenium   | 82-1  | 2.38    | 2.75     | 2.43     | 2.52       | 7.90    | ppb   |
| Selenium   | 77-2  | 1.64    | 2.96     | 4.38     | 2.99       | 45.70   | ppb   |
| Selenium   | 78-2  | 2.70    | 2.40     | 3.68     | 2.93       | 22.84   | ppb   |
| Silicon    | 28-1  | -0.03   | -2.09    | -2.91    | -1.68      |         | ppb   |
| Silver     | 107-1 | 0.47    | 0.39     | 0.37     | 0.41       | 12.31   | ppb   |
| Silver     | 109-1 | 0.44    | 0.40     | 0.40     | 0.41       | 6.06    | ppb   |
| Sodium     | 23-2  | 205.47  | 192.88   | 197.36   | 198.57     | 3.21    | ppb   |
| Strontium  | 86-1  | 0.40    | 0.23     | 0.30     | 0.31       | 27.27   | ppb   |
| Strontium  | 88-1  | 0.37    | 0.34     | 0.32     | 0.34       | 7.71    | ppb   |
| Sulfur     | 34-1  | -918.34 | -1474.57 | -1656.49 | -1349.80   |         | ppb   |
| Terbium    | 159-1 |         |          |          | 111        |         | %     |
| Terbium    | 159-2 |         |          |          | 110        |         | %     |
| Thallium   | 203-1 | 0.38    | 0.35     | 0.34     | 0.36       | 5.93    | ppb   |
| Thallium   | 205-1 | 0.42    | 0.40     | 0.35     | 0.39       | 8.74    | ppb   |
| Tin        | 118-1 | 2.24    | 1.82     | 1.72     | 1.92       | 14.33   | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | N5388-02            | Instrumnet Name : | P8        |
| Client Sample ID :     | MDL-WATER-QT4-2022- | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:03:08 | DataFile Name :   | 031AREF.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 2.12    | 1.85    | 1.49    | 1.82       | 17.20   | ppb   |
| Uranium   | 238-1 | 0.35    | 0.33    | 0.30    | 0.33       | 8.40    | ppb   |
| Vanadium  | 51-2  | 1.92    | 1.82    | 1.83    | 1.86       | 3.14    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 118        |         | %     |
| Yttrium   | 89-2  |         |         |         | 108        |         | %     |
| Zinc      | 66-2  | 0.91    | 0.92    | 0.85    | 0.89       | 4.27    | ppb   |
| Zirconium | 90-1  | 0.40    | 0.37    | 0.34    | 0.37       | 8.75    | ppb   |
| Zirconium | 91-1  | 0.37    | 0.35    | 0.29    | 0.34       | 12.09   | ppb   |

|                        |                      |                   |           |
|------------------------|----------------------|-------------------|-----------|
| LB Number :            | LB123428             | Operator :        | Jaswal    |
| Lab Sample ID :        | N5388-04             | Instrumnet Name : | P8        |
| Client Sample ID :     | MDL-SOIL-QT4-2022-08 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:06:25  | DataFile Name :   | 032AREF.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 8.42    | 8.65    | 8.35    | 8.47       | 1.87    | ppb   |
| Antimony   | 121-1 | 0.80    | 0.74    | 0.80    | 0.78       | 4.43    | ppb   |
| Arsenic    | 75-2  | 0.32    | 0.49    | 0.42    | 0.41       | 20.92   | ppb   |
| Barium     | 135-1 | 3.75    | 3.95    | 3.81    | 3.84       | 2.73    | ppb   |
| Barium     | 137-1 | 3.87    | 3.75    | 3.81    | 3.81       | 1.55    | ppb   |
| Beryllium  | 9-1   | 0.44    | 0.44    | 0.41    | 0.43       | 3.73    | ppb   |
| Bismuth    | 209-1 |         |         |         | 107        |         | %     |
| Bismuth    | 209-2 |         |         |         | 106        |         | %     |
| Boron      | 10-1  | 8.08    | 8.46    | 8.44    | 8.32       | 2.59    | ppb   |
| Boron      | 11-1  | 9.02    | 9.09    | 9.21    | 9.10       | 1.04    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 0.35    | 0.49    | 0.35    | 0.40       | 19.86   | ppb   |
| Cadmium    | 106-1 | -0.47   | 0.79    | -0.37   | -0.02      |         | ppb   |
| Cadmium    | 108-1 | 0.41    | 0.56    | 0.24    | 0.40       | 39.80   | ppb   |
| Calcium    | 43-1  | 191.17  | 182.91  | 187.13  | 187.07     | 2.21    | ppb   |
| Calcium    | 44-1  | 192.72  | 183.43  | 185.20  | 187.12     | 2.64    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 0.75    | 0.72    | 0.71    | 0.73       | 2.77    | ppb   |
| Cobalt     | 59-2  | 0.37    | 0.37    | 0.36    | 0.37       | 1.37    | ppb   |
| Copper     | 63-2  | 0.80    | 0.82    | 0.81    | 0.81       | 1.60    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 107        |         | %     |
| Holmium    | 165-2 |         |         |         | 108        |         | %     |
| Indium     | 115-1 |         |         |         | 107        |         | %     |
| Indium     | 115-2 |         |         |         | 108        |         | %     |
| Iron       | 54-2  | 91.42   | 91.92   | 81.37   | 88.24      | 6.75    | ppb   |
| Iron       | 56-2  | 88.71   | 88.22   | 86.10   | 87.68      | 1.58    | ppb   |
| Iron       | 57-2  | 78.90   | 92.14   | 80.76   | 83.93      | 8.54    | ppb   |

|                        |                      |                   |           |
|------------------------|----------------------|-------------------|-----------|
| LB Number :            | LB123428             | Operator :        | Jaswal    |
| Lab Sample ID :        | N5388-04             | Instrumnet Name : | P8        |
| Client Sample ID :     | MDL-SOIL-QT4-2022-08 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:06:25  | DataFile Name :   | 032AREF.d |

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|---------|------------|---------|-------|
| Krypton    | 83-1  |         |          |         |            |         | cps   |
| Lead       | 206-1 | 0.33    | 0.37     | 0.39    | 0.36       | 8.76    | ppb   |
| Lead       | 207-1 | 0.33    | 0.39     | 0.33    | 0.35       | 10.46   | ppb   |
| Lead       | 208-1 | 0.32    | 0.37     | 0.34    | 0.34       | 6.03    | ppb   |
| Lithium    | 6-1   |         |          |         | 103        |         | %     |
| Magnesium  | 24-2  | 208.01  | 202.87   | 198.13  | 203.01     | 2.43    | ppb   |
| Manganese  | 55-2  | 0.35    | 0.42     | 0.41    | 0.39       | 9.85    | ppb   |
| Molybdenum | 94-1  | 2.36    | 2.31     | 2.30    | 2.32       | 1.43    | ppb   |
| Molybdenum | 95-1  | 1.87    | 1.97     | 1.82    | 1.89       | 4.19    | ppb   |
| Molybdenum | 96-1  | 1.94    | 2.04     | 1.88    | 1.95       | 4.13    | ppb   |
| Molybdenum | 97-1  | 1.80    | 1.89     | 1.87    | 1.86       | 2.44    | ppb   |
| Molybdenum | 98-1  | 1.88    | 1.94     | 1.92    | 1.91       | 1.40    | ppb   |
| Neodymium  | 150-1 |         |          |         |            |         | cps   |
| Neodymium  | 150-2 |         |          |         |            |         | cps   |
| Nickel     | 60-2  | 0.33    | 0.35     | 0.42    | 0.37       | 13.72   | ppb   |
| Phosphorus | 31-2  | 32.59   | 7.22     | -1.75   | 12.69      | 140.37  | ppb   |
| Potassium  | 39-2  | 193.49  | 198.60   | 185.90  | 192.66     | 3.32    | ppb   |
| Rhodium    | 103-1 |         |          |         | 113        |         | %     |
| Rhodium    | 103-2 |         |          |         | 107        |         | %     |
| Scandium   | 45-1  |         |          |         | 110        |         | %     |
| Scandium   | 45-2  |         |          |         | 109        |         | %     |
| Selenium   | 82-1  | 2.59    | 2.80     | 2.94    | 2.78       | 6.23    | ppb   |
| Selenium   | 77-2  | 1.67    | 3.04     | 4.16    | 2.96       | 42.04   | ppb   |
| Selenium   | 78-2  | 1.97    | 2.64     | 1.94    | 2.19       | 18.08   | ppb   |
| Silicon    | 28-1  | -0.56   | -1.19    | -0.10   | -0.61      |         | ppb   |
| Silver     | 107-1 | 0.46    | 0.38     | 0.44    | 0.42       | 9.12    | ppb   |
| Silver     | 109-1 | 0.42    | 0.40     | 0.37    | 0.40       | 6.27    | ppb   |
| Sodium     | 23-2  | 200.95  | 197.49   | 190.49  | 196.31     | 2.72    | ppb   |
| Strontium  | 86-1  | 0.40    | 0.34     | 0.35    | 0.37       | 8.93    | ppb   |
| Strontium  | 88-1  | 0.35    | 0.38     | 0.37    | 0.37       | 4.18    | ppb   |
| Sulfur     | 34-1  | -778.77 | -1146.00 | -875.09 | -933.29    |         | ppb   |
| Terbium    | 159-1 |         |          |         | 106        |         | %     |
| Terbium    | 159-2 |         |          |         | 110        |         | %     |
| Thallium   | 203-1 | 0.40    | 0.35     | 0.35    | 0.37       | 6.96    | ppb   |
| Thallium   | 205-1 | 0.43    | 0.37     | 0.40    | 0.40       | 6.98    | ppb   |
| Tin        | 118-1 | 2.08    | 1.97     | 1.97    | 2.01       | 3.20    | ppb   |

|                        |                      |                   |           |
|------------------------|----------------------|-------------------|-----------|
| LB Number :            | LB123428             | Operator :        | Jaswal    |
| Lab Sample ID :        | N5388-04             | Instrumnet Name : | P8        |
| Client Sample ID :     | MDL-SOIL-QT4-2022-08 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:06:25  | DataFile Name :   | 032AREF.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 1.85    | 1.85    | 1.78    | 1.83       | 2.09    | ppb   |
| Uranium   | 238-1 | 0.34    | 0.34    | 0.33    | 0.33       | 1.23    | ppb   |
| Vanadium  | 51-2  | 1.75    | 1.80    | 1.88    | 1.81       | 3.51    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 113        |         | %     |
| Yttrium   | 89-2  |         |         |         | 108        |         | %     |
| Zinc      | 66-2  | 0.80    | 1.10    | 1.04    | 0.98       | 15.84   | ppb   |
| Zirconium | 90-1  | 0.36    | 0.36    | 0.34    | 0.35       | 3.37    | ppb   |
| Zirconium | 91-1  | 0.35    | 0.33    | 0.33    | 0.34       | 4.07    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149656BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PBW656              | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:09:35 | DataFile Name :   | 033CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.06   | -0.14   | -0.20   | -0.13      |         | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.01    | 0.00       | 54.41   | ppb   |
| Arsenic    | 75-2  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Barium     | 135-1 | 0.02    | 0.00    | 0.00    | 0.01       | 117.39  | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.00    | 0.01    | 0.01       | 42.76   | ppb   |
| Bismuth    | 209-1 |         |         |         | 110        |         | %     |
| Bismuth    | 209-2 |         |         |         | 108        |         | %     |
| Boron      | 10-1  | 1.96    | 2.00    | 1.83    | 1.93       | 4.75    | ppb   |
| Boron      | 11-1  | 2.17    | 2.06    | 1.99    | 2.07       | 4.37    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | -0.03   | 0.06    | 0.05    | 0.03       | 188.92  | ppb   |
| Cadmium    | 106-1 | -0.38   | 0.75    | 0.55    | 0.30       | 198.43  | ppb   |
| Cadmium    | 108-1 | 0.01    | -0.05   | -0.09   | -0.04      |         | ppb   |
| Calcium    | 43-1  | -0.14   | -0.37   | -0.41   | -0.31      |         | ppb   |
| Calcium    | 44-1  | -3.50   | -4.21   | -2.94   | -3.55      |         | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | -0.02   | -0.04   | -0.05   | -0.04      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Copper     | 63-2  | -0.01   | 0.00    | -0.03   | -0.02      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 107        |         | %     |
| Holmium    | 165-2 |         |         |         | 111        |         | %     |
| Indium     | 115-1 |         |         |         | 109        |         | %     |
| Indium     | 115-2 |         |         |         | 110        |         | %     |
| Iron       | 54-2  | -0.90   | 0.15    | -0.70   | -0.48      |         | ppb   |
| Iron       | 56-2  | 0.04    | 0.05    | -0.25   | -0.05      |         | ppb   |
| Iron       | 57-2  | -0.34   | -1.21   | 0.68    | -0.29      |         | ppb   |



|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149656BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PBW656              | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:09:35 | DataFile Name :   | 033CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2  | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|----------|---------|------------|---------|-------|
| Krypton    | 83-1  |         |          |         |            |         | cps   |
| Lead       | 206-1 | 0.02    | 0.03     | 0.01    | 0.02       | 36.26   | ppb   |
| Lead       | 207-1 | 0.03    | -0.02    | 0.03    | 0.01       | 207.49  | ppb   |
| Lead       | 208-1 | 0.02    | 0.01     | 0.01    | 0.01       | 19.26   | ppb   |
| Lithium    | 6-1   |         |          |         | 105        |         | %     |
| Magnesium  | 24-2  | -0.01   | -0.05    | -0.35   | -0.14      |         | ppb   |
| Manganese  | 55-2  | -0.02   | 0.00     | -0.02   | -0.01      |         | ppb   |
| Molybdenum | 94-1  | -0.01   | 0.00     | -0.01   | -0.01      |         | ppb   |
| Molybdenum | 95-1  | 0.00    | 0.01     | 0.00    | 0.00       | 140.24  | ppb   |
| Molybdenum | 96-1  | 0.02    | 0.00     | 0.01    | 0.01       | 80.90   | ppb   |
| Molybdenum | 97-1  | 0.01    | 0.01     | 0.01    | 0.01       | 26.33   | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.00     | 0.00    | 0.00       | 42.85   | ppb   |
| Neodymium  | 150-1 |         |          |         |            |         | cps   |
| Neodymium  | 150-2 |         |          |         |            |         | cps   |
| Nickel     | 60-2  | -0.02   | -0.02    | -0.03   | -0.03      |         | ppb   |
| Phosphorus | 31-2  | -3.63   | -8.77    | -9.81   | -7.40      |         | ppb   |
| Potassium  | 39-2  | -3.81   | -2.43    | -9.52   | -5.25      |         | ppb   |
| Rhodium    | 103-1 |         |          |         | 115        |         | %     |
| Rhodium    | 103-2 |         |          |         | 107        |         | %     |
| Scandium   | 45-1  |         |          |         | 110        |         | %     |
| Scandium   | 45-2  |         |          |         | 111        |         | %     |
| Selenium   | 82-1  | -0.11   | -0.13    | -0.03   | -0.09      |         | ppb   |
| Selenium   | 77-2  | -0.23   | -0.23    | 0.39    | -0.03      |         | ppb   |
| Selenium   | 78-2  | -0.90   | -0.20    | 0.56    | -0.18      |         | ppb   |
| Silicon    | 28-1  | -2.91   | -3.03    | -2.41   | -2.78      |         | ppb   |
| Silver     | 107-1 | -0.01   | 0.00     | 0.00    | 0.00       |         | ppb   |
| Silver     | 109-1 | -0.01   | 0.00     | -0.01   | 0.00       |         | ppb   |
| Sodium     | 23-2  | -2.49   | -1.60    | -5.53   | -3.21      |         | ppb   |
| Strontium  | 86-1  | 0.02    | -0.01    | 0.02    | 0.01       | 135.13  | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00     | 0.00    | 0.00       |         | ppb   |
| Sulfur     | 34-1  | -984.40 | -1054.33 | -891.70 | -976.81    |         | ppb   |
| Terbium    | 159-1 |         |          |         | 109        |         | %     |
| Terbium    | 159-2 |         |          |         | 112        |         | %     |
| Thallium   | 203-1 | 0.03    | 0.04     | 0.03    | 0.03       | 26.09   | ppb   |
| Thallium   | 205-1 | 0.03    | 0.04     | 0.02    | 0.03       | 25.93   | ppb   |
| Tin        | 118-1 | -0.08   | -0.04    | -0.10   | -0.07      |         | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149656BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PBW656              | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:09:35 | DataFile Name :   | 033CCBE.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 0.00    | 0.02    | -0.03   | 0.00       |         | ppb   |
| Uranium   | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium  | 51-2  | 0.00    | 0.00    | 0.01    | 0.00       | 499.27  | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 111        |         | %     |
| Yttrium   | 89-2  |         |         |         | 112        |         | %     |
| Zinc      | 66-2  | 0.10    | 0.00    | 0.05    | 0.05       | 96.35   | ppb   |
| Zirconium | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Zirconium | 91-1  | 0.02    | -0.01   | 0.01    | 0.00       | 394.58  | ppb   |

|                        |                     |                   |          |
|------------------------|---------------------|-------------------|----------|
| LB Number :            | LB123428            | Operator :        | Jaswal   |
| Lab Sample ID :        | CCV25               | Instrumnet Name : | P8       |
| Client Sample ID :     | CCV25               | Dilution Factor : | 1        |
| Date & Time Acquired : | 2022-12-22 12:12:45 | DataFile Name :   | 034CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 53059.27  | 52166.63  | 51590.26  | 52272.06   | 1.42    | ppb   |
| Antimony   | 121-1 | 502.30    | 508.17    | 469.50    | 493.33     | 4.22    | ppb   |
| Arsenic    | 75-2  | 467.38    | 477.39    | 460.57    | 468.45     | 1.81    | ppb   |
| Barium     | 135-1 | 2515.32   | 2579.62   | 2491.11   | 2528.69    | 1.81    | ppb   |
| Barium     | 137-1 | 2577.17   | 2531.98   | 2425.53   | 2511.56    | 3.10    | ppb   |
| Beryllium  | 9-1   | 495.52    | 492.46    | 488.54    | 492.18     | 0.71    | ppb   |
| Bismuth    | 209-1 |           |           |           | 98         |         | %     |
| Bismuth    | 209-2 |           |           |           | 94         |         | %     |
| Boron      | 10-1  | 657.35    | 673.79    | 693.36    | 674.83     | 2.67    | ppb   |
| Boron      | 11-1  | 645.95    | 683.03    | 699.00    | 675.99     | 4.03    | ppb   |
| Bromine    | 81-1  |           |           |           |            |         | cps   |
| Cadmium    | 111-1 | 483.18    | 482.44    | 461.86    | 475.83     | 2.54    | ppb   |
| Cadmium    | 106-1 | 500.40    | 502.73    | 470.11    | 491.08     | 3.71    | ppb   |
| Cadmium    | 108-1 | 498.19    | 505.36    | 478.13    | 493.90     | 2.86    | ppb   |
| Calcium    | 43-1  | 258034.09 | 253862.08 | 247342.81 | 253079.66  | 2.13    | ppb   |
| Calcium    | 44-1  | 249104.50 | 248809.70 | 240165.65 | 246026.62  | 2.06    | ppb   |
| Carbon     | 12-1  |           |           |           |            |         | cps   |
| Carbon     | 12-2  |           |           |           |            |         | cps   |
| Chlorine   | 35-1  |           |           |           |            |         | cps   |
| Chlorine   | 35-2  |           |           |           |            |         | cps   |
| Chromium   | 52-2  | 464.66    | 463.18    | 452.30    | 460.05     | 1.47    | ppb   |
| Cobalt     | 59-2  | 483.66    | 479.95    | 484.68    | 482.76     | 0.52    | ppb   |
| Copper     | 63-2  | 4912.30   | 4853.03   | 4813.19   | 4859.51    | 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 |           |           |           | 109        |         | %     |
| Holmium    | 165-2 |           |           |           | 108        |         | %     |
| Indium     | 115-1 |           |           |           | 100        |         | %     |
| Indium     | 115-2 |           |           |           | 98         |         | %     |
| Iron       | 54-2  | 130500.10 | 132770.04 | 126178.06 | 129816.06  | 2.58    | ppb   |
| Iron       | 56-2  | 129455.81 | 130304.00 | 129577.47 | 129779.09  | 0.35    | ppb   |
| Iron       | 57-2  | 134062.73 | 128702.58 | 127705.27 | 130156.86  | 2.63    | ppb   |

|                        |                     |                   |          |
|------------------------|---------------------|-------------------|----------|
| LB Number :            | LB123428            | Operator :        | Jaswal   |
| Lab Sample ID :        | CCV25               | Instrumnet Name : | P8       |
| Client Sample ID :     | CCV25               | Dilution Factor : | 1        |
| Date & Time Acquired : | 2022-12-22 12:12:45 | DataFile Name :   | 034CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 2583.21   | 2524.68   | 2514.35   | 2540.75    | 1.46    | ppb   |
| Lead       | 207-1 | 2569.94   | 2547.59   | 2579.01   | 2565.51    | 0.63    | ppb   |
| Lead       | 208-1 | 2595.50   | 2594.23   | 2535.54   | 2575.09    | 1.33    | ppb   |
| Lithium    | 6-1   |           |           |           | 99         |         | %     |
| Magnesium  | 24-2  | 260349.78 | 258339.03 | 257424.63 | 258704.48  | 0.58    | ppb   |
| Manganese  | 55-2  | 4868.91   | 4761.13   | 4747.50   | 4792.51    | 1.39    | ppb   |
| Molybdenum | 94-1  | 5004.18   | 5038.36   | 4882.01   | 4974.85    | 1.65    | ppb   |
| Molybdenum | 95-1  | 4988.04   | 5023.95   | 4908.23   | 4973.40    | 1.19    | ppb   |
| Molybdenum | 96-1  | 4864.76   | 4991.57   | 4762.25   | 4872.86    | 2.36    | ppb   |
| Molybdenum | 97-1  | 4835.00   | 5004.77   | 4821.11   | 4886.96    | 2.09    | ppb   |
| Molybdenum | 98-1  | 4807.40   | 4976.89   | 4818.29   | 4867.53    | 1.95    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 484.37    | 478.83    | 473.85    | 479.02     | 1.10    | ppb   |
| Phosphorus | 31-2  | 9672.80   | 9682.25   | 9606.90   | 9653.98    | 0.43    | ppb   |
| Potassium  | 39-2  | 124896.11 | 122139.49 | 121295.87 | 122777.16  | 1.53    | ppb   |
| Rhodium    | 103-1 |           |           |           | 100        |         | %     |
| Rhodium    | 103-2 |           |           |           | 95         |         | %     |
| Scandium   | 45-1  |           |           |           | 105        |         | %     |
| Scandium   | 45-2  |           |           |           | 103        |         | %     |
| Selenium   | 82-1  | 467.52    | 467.55    | 462.65    | 465.91     | 0.61    | ppb   |
| Selenium   | 77-2  | 486.74    | 441.49    | 492.16    | 473.46     | 5.88    | ppb   |
| Selenium   | 78-2  | 479.47    | 488.03    | 466.31    | 477.94     | 2.29    | ppb   |
| Silicon    | 28-1  | 926.67    | 927.29    | 902.91    | 918.96     | 1.51    | ppb   |
| Silver     | 107-1 | 498.28    | 512.10    | 488.03    | 499.47     | 2.42    | ppb   |
| Silver     | 109-1 | 510.49    | 494.01    | 479.47    | 494.66     | 3.14    | ppb   |
| Sodium     | 23-2  | 257968.86 | 251071.41 | 250550.52 | 253196.93  | 1.64    | ppb   |
| Strontium  | 86-1  | 12100.45  | 12338.30  | 11977.90  | 12138.88   | 1.51    | ppb   |
| Strontium  | 88-1  | 12402.35  | 12311.16  | 12181.44  | 12298.32   | 0.90    | ppb   |
| Sulfur     | 34-1  | 11495.92  | 11534.25  | 10491.64  | 11173.94   | 5.29    | ppb   |
| Terbium    | 159-1 |           |           |           | 106        |         | %     |
| Terbium    | 159-2 |           |           |           | 106        |         | %     |
| Thallium   | 203-1 | 538.46    | 534.07    | 508.47    | 527.00     | 3.07    | ppb   |
| Thallium   | 205-1 | 534.52    | 518.38    | 506.67    | 519.86     | 2.69    | ppb   |
| Tin        | 118-1 | 501.77    | 511.18    | 497.42    | 503.46     | 1.40    | ppb   |

|                        |                     |                   |          |
|------------------------|---------------------|-------------------|----------|
| LB Number :            | LB123428            | Operator :        | Jaswal   |
| Lab Sample ID :        | CCV25               | Instrumnet Name : | P8       |
| Client Sample ID :     | CCV25               | Dilution Factor : | 1        |
| Date & Time Acquired : | 2022-12-22 12:12:45 | DataFile Name :   | 034CCV.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 5029.46 | 4974.85 | 4817.72 | 4940.68    | 2.23    | ppb   |
| Uranium   | 238-1 | 520.63  | 524.07  | 514.85  | 519.85     | 0.90    | ppb   |
| Vanadium  | 51-2  | 476.37  | 466.65  | 466.87  | 469.96     | 1.18    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 109        |         | %     |
| Yttrium   | 89-2  |         |         |         | 102        |         | %     |
| Zinc      | 66-2  | 4780.42 | 4672.14 | 4653.02 | 4701.86    | 1.46    | ppb   |
| Zirconium | 90-1  | 518.54  | 501.84  | 491.78  | 504.05     | 2.68    | ppb   |
| Zirconium | 91-1  | 502.57  | 500.44  | 494.41  | 499.14     | 0.85    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | CCB25               | Instrumnet Name : | P8        |
| Client Sample ID :     | CCB25               | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:18:36 | DataFile Name :   | 035CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.20    | 1.97    | 1.76    | 1.64       | 24.31   | ppb   |
| Antimony   | 121-1 | 0.06    | 0.10    | 0.15    | 0.10       | 46.59   | ppb   |
| Arsenic    | 75-2  | 0.01    | 0.01    | 0.00    | 0.01       | 147.85  | ppb   |
| Barium     | 135-1 | 0.07    | 0.04    | 0.02    | 0.04       | 57.50   | ppb   |
| Barium     | 137-1 | 0.02    | 0.03    | 0.03    | 0.02       | 6.57    | ppb   |
| Beryllium  | 9-1   | 0.03    | 0.03    | 0.03    | 0.03       | 10.82   | ppb   |
| Bismuth    | 209-1 |         |         |         | 109        |         | %     |
| Bismuth    | 209-2 |         |         |         | 105        |         | %     |
| Boron      | 10-1  | 15.70   | 14.69   | 14.23   | 14.87      | 5.06    | ppb   |
| Boron      | 11-1  | 17.00   | 15.94   | 15.96   | 16.30      | 3.72    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | -0.22   | 0.00    | -0.08   | -0.10      |         | ppb   |
| Cadmium    | 106-1 | -3.23   | -0.22   | -1.42   | -1.62      |         | ppb   |
| Cadmium    | 108-1 | -0.06   | -0.12   | -0.23   | -0.13      |         | ppb   |
| Calcium    | 43-1  | 4.32    | 2.24    | 3.66    | 3.41       | 31.33   | ppb   |
| Calcium    | 44-1  | 1.36    | 1.16    | 0.86    | 1.13       | 22.23   | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | -0.02   | 0.01    | 0.03    | 0.01       | 351.65  | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.00    | 0.00    | 0.01       | 78.09   | ppb   |
| Copper     | 63-2  | 0.13    | 0.21    | 0.11    | 0.15       | 33.87   | 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 |         |         |         | 108        |         | %     |
| Holmium    | 165-2 |         |         |         | 107        |         | %     |
| Indium     | 115-1 |         |         |         | 106        |         | %     |
| Indium     | 115-2 |         |         |         | 104        |         | %     |
| Iron       | 54-2  | 1.93    | 3.06    | 4.14    | 3.04       | 36.38   | ppb   |
| Iron       | 56-2  | 2.27    | 2.64    | 2.70    | 2.53       | 9.23    | ppb   |
| Iron       | 57-2  | 1.61    | 2.69    | 0.46    | 1.59       | 70.03   | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | CCB25               | Instrumnet Name : | P8        |
| Client Sample ID :     | CCB25               | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:18:36 | DataFile Name :   | 035CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.05     | 0.06     | 0.05     | 0.05       | 14.91   | ppb   |
| Lead       | 207-1 | 0.08     | 0.04     | 0.07     | 0.06       | 30.13   | ppb   |
| Lead       | 208-1 | 0.07     | 0.06     | 0.07     | 0.06       | 8.65    | ppb   |
| Lithium    | 6-1   |          |          |          | 103        |         | %     |
| Magnesium  | 24-2  | 4.73     | 4.56     | 4.21     | 4.50       | 5.90    | ppb   |
| Manganese  | 55-2  | 0.07     | 0.09     | 0.09     | 0.09       | 14.12   | ppb   |
| Molybdenum | 94-1  | 0.11     | 0.11     | 0.17     | 0.13       | 28.90   | ppb   |
| Molybdenum | 95-1  | 0.10     | 0.10     | 0.09     | 0.10       | 6.11    | ppb   |
| Molybdenum | 96-1  | 0.10     | 0.11     | 0.14     | 0.12       | 19.06   | ppb   |
| Molybdenum | 97-1  | 0.08     | 0.13     | 0.09     | 0.10       | 26.56   | ppb   |
| Molybdenum | 98-1  | 0.10     | 0.11     | 0.12     | 0.11       | 11.94   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.00     | 0.00     | 0.00     | 0.00       |         | ppb   |
| Phosphorus | 31-2  | -0.58    | -2.40    | -2.10    | -1.69      |         | ppb   |
| Potassium  | 39-2  | 4.26     | 3.39     | -1.36    | 2.10       | 144.41  | ppb   |
| Rhodium    | 103-1 |          |          |          | 107        |         | %     |
| Rhodium    | 103-2 |          |          |          | 102        |         | %     |
| Scandium   | 45-1  |          |          |          | 104        |         | %     |
| Scandium   | 45-2  |          |          |          | 102        |         | %     |
| Selenium   | 82-1  | -0.01    | -0.04    | -0.19    | -0.08      |         | ppb   |
| Selenium   | 77-2  | -0.23    | -0.23    | -0.23    | -0.23      |         | ppb   |
| Selenium   | 78-2  | -0.41    | -0.13    | -0.75    | -0.43      |         | ppb   |
| Silicon    | 28-1  | -1.77    | -1.30    | -2.31    | -1.79      |         | ppb   |
| Silver     | 107-1 | 0.02     | 0.02     | 0.01     | 0.02       | 23.44   | ppb   |
| Silver     | 109-1 | 0.00     | 0.02     | 0.01     | 0.01       | 104.52  | ppb   |
| Sodium     | 23-2  | 18.32    | 14.81    | 18.67    | 17.27      | 12.35   | ppb   |
| Strontium  | 86-1  | 0.13     | 0.18     | 0.17     | 0.16       | 14.21   | ppb   |
| Strontium  | 88-1  | 0.19     | 0.16     | 0.16     | 0.17       | 8.42    | ppb   |
| Sulfur     | 34-1  | -1467.88 | -1181.70 | -1603.33 | -1417.64   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 109        |         | %     |
| Terbium    | 159-2 |          |          |          | 107        |         | %     |
| Thallium   | 203-1 | 0.06     | 0.06     | 0.06     | 0.06       | 4.33    | ppb   |
| Thallium   | 205-1 | 0.05     | 0.06     | 0.06     | 0.06       | 7.96    | ppb   |
| Tin        | 118-1 | 1.02     | -0.01    | -0.02    | 0.33       | 180.49  | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | CCB25               | Instrumnet Name : | P8        |
| Client Sample ID :     | CCB25               | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:18:36 | DataFile Name :   | 035CCBE.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 0.04    | 0.07    | 0.09    | 0.06       | 38.70   | ppb   |
| Uranium   | 238-1 | 0.01    | 0.01    | 0.00    | 0.01       | 22.10   | ppb   |
| Vanadium  | 51-2  | 0.01    | 0.00    | 0.01    | 0.00       | 79.17   | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 110        |         | %     |
| Yttrium   | 89-2  |         |         |         | 105        |         | %     |
| Zinc      | 66-2  | 0.34    | 0.26    | 0.33    | 0.31       | 14.57   | ppb   |
| Zirconium | 90-1  | 0.01    | 0.01    | 0.02    | 0.01       | 23.83   | ppb   |
| Zirconium | 91-1  | -0.01   | 0.00    | 0.04    | 0.01       | 342.85  | ppb   |



|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149656BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | LCS656              | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:21:47 | DataFile Name :   | 036LCSE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 42.48   | 42.59   | 41.58   | 42.22      | 1.32    | ppb   |
| Antimony   | 121-1 | 3.85    | 3.52    | 3.80    | 3.72       | 4.71    | ppb   |
| Arsenic    | 75-2  | 2.13    | 2.03    | 1.92    | 2.03       | 5.22    | ppb   |
| Barium     | 135-1 | 18.71   | 17.04   | 18.08   | 17.95      | 4.69    | ppb   |
| Barium     | 137-1 | 18.13   | 17.47   | 17.97   | 17.86      | 1.92    | ppb   |
| Beryllium  | 9-1   | 1.99    | 2.05    | 1.96    | 2.00       | 2.13    | ppb   |
| Bismuth    | 209-1 |         |         |         | 112        |         | %     |
| Bismuth    | 209-2 |         |         |         | 107        |         | %     |
| Boron      | 10-1  | 38.97   | 41.98   | 42.30   | 41.08      | 4.47    | ppb   |
| Boron      | 11-1  | 42.35   | 44.93   | 45.00   | 44.09      | 3.43    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 2.24    | 2.00    | 1.83    | 2.02       | 10.21   | ppb   |
| Cadmium    | 106-1 | 2.10    | 2.75    | 0.69    | 1.84       | 57.09   | ppb   |
| Cadmium    | 108-1 | 1.88    | 1.58    | 1.91    | 1.79       | 10.17   | ppb   |
| Calcium    | 43-1  | 953.88  | 952.33  | 942.71  | 949.64     | 0.64    | ppb   |
| Calcium    | 44-1  | 945.99  | 945.63  | 917.55  | 936.39     | 1.74    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 3.80    | 4.00    | 3.83    | 3.88       | 2.81    | ppb   |
| Cobalt     | 59-2  | 1.99    | 1.89    | 1.91    | 1.93       | 2.75    | ppb   |
| Copper     | 63-2  | 3.89    | 3.99    | 3.93    | 3.94       | 1.26    | 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 |         |         |         | 110        |         | %     |
| Indium     | 115-2 |         |         |         | 105        |         | %     |
| Iron       | 54-2  | 423.22  | 424.21  | 404.56  | 417.33     | 2.65    | ppb   |
| Iron       | 56-2  | 412.95  | 417.37  | 407.51  | 412.61     | 1.20    | ppb   |
| Iron       | 57-2  | 414.96  | 400.45  | 403.51  | 406.30     | 1.88    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149656BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | LCS656              | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:21:47 | DataFile Name :   | 036LCSE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 1.75     | 1.74     | 1.68     | 1.73       | 2.39    | ppb   |
| Lead       | 207-1 | 1.76     | 1.81     | 1.72     | 1.76       | 2.55    | ppb   |
| Lead       | 208-1 | 1.75     | 1.74     | 1.71     | 1.73       | 1.27    | ppb   |
| Lithium    | 6-1   |          |          |          | 105        |         | %     |
| Magnesium  | 24-2  | 1033.32  | 1033.55  | 1022.33  | 1029.74    | 0.62    | ppb   |
| Manganese  | 55-2  | 2.18     | 2.07     | 2.03     | 2.09       | 3.71    | ppb   |
| Molybdenum | 94-1  | 5.46     | 5.16     | 5.09     | 5.24       | 3.67    | ppb   |
| Molybdenum | 95-1  | 2.32     | 2.12     | 2.24     | 2.23       | 4.46    | ppb   |
| Molybdenum | 96-1  | 2.70     | 2.48     | 2.54     | 2.57       | 4.34    | ppb   |
| Molybdenum | 97-1  | 2.24     | 2.08     | 2.36     | 2.23       | 6.34    | ppb   |
| Molybdenum | 98-1  | 2.19     | 2.29     | 2.18     | 2.22       | 2.81    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 2.07     | 2.30     | 2.10     | 2.16       | 5.91    | ppb   |
| Phosphorus | 31-2  | 5.48     | 6.52     | -6.80    | 1.73       | 427.06  | ppb   |
| Potassium  | 39-2  | 935.82   | 942.27   | 935.18   | 937.76     | 0.42    | ppb   |
| Rhodium    | 103-1 |          |          |          | 111        |         | %     |
| Rhodium    | 103-2 |          |          |          | 104        |         | %     |
| Scandium   | 45-1  |          |          |          | 109        |         | %     |
| Scandium   | 45-2  |          |          |          | 104        |         | %     |
| Selenium   | 82-1  | 10.42    | 10.16    | 10.41    | 10.33      | 1.42    | ppb   |
| Selenium   | 77-2  | 13.17    | 12.83    | 7.14     | 11.05      | 30.65   | ppb   |
| Selenium   | 78-2  | 10.03    | 12.56    | 10.22    | 10.94      | 12.88   | ppb   |
| Silicon    | 28-1  | 0.67     | -0.06    | -0.62    | 0.00       |         | ppb   |
| Silver     | 107-1 | 2.05     | 1.91     | 1.96     | 1.97       | 3.83    | ppb   |
| Silver     | 109-1 | 2.07     | 1.85     | 1.98     | 1.97       | 5.46    | ppb   |
| Sodium     | 23-2  | 1003.04  | 1010.69  | 998.91   | 1004.21    | 0.59    | ppb   |
| Strontium  | 86-1  | 2.07     | 1.96     | 1.90     | 1.97       | 4.25    | ppb   |
| Strontium  | 88-1  | 2.06     | 2.02     | 1.98     | 2.02       | 1.94    | ppb   |
| Sulfur     | 34-1  | -1732.32 | -1620.03 | -1639.29 | -1663.88   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 110        |         | %     |
| Terbium    | 159-2 |          |          |          | 110        |         | %     |
| Thallium   | 203-1 | 1.82     | 1.98     | 1.73     | 1.84       | 6.99    | ppb   |
| Thallium   | 205-1 | 1.84     | 1.83     | 1.79     | 1.82       | 1.40    | ppb   |
| Tin        | 118-1 | 0.05     | 0.10     | 0.11     | 0.09       | 34.10   | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149656BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | LCS656              | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:21:47 | DataFile Name :   | 036LCSE.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 9.78    | 9.66    | 9.03    | 9.49       | 4.24    | ppb   |
| Uranium   | 238-1 | 1.66    | 1.71    | 1.67    | 1.68       | 1.63    | ppb   |
| Vanadium  | 51-2  | 8.99    | 9.39    | 8.88    | 9.09       | 2.92    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 113        |         | %     |
| Yttrium   | 89-2  |         |         |         | 104        |         | %     |
| Zinc      | 66-2  | 10.36   | 10.54   | 10.15   | 10.35      | 1.89    | ppb   |
| Zirconium | 90-1  | 1.95    | 1.84    | 1.94    | 1.91       | 3.27    | ppb   |
| Zirconium | 91-1  | 1.92    | 1.93    | 1.83    | 1.89       | 2.82    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149657BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PBS657              | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:31:04 | DataFile Name :   | 037CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.13    | 0.06    | 0.02    | 0.07       | 75.68   | ppb   |
| Antimony   | 121-1 | 0.01    | 0.01    | 0.02    | 0.01       | 35.02   | ppb   |
| Arsenic    | 75-2  | -0.01   | 0.00    | 0.00    | -0.01      |         | ppb   |
| Barium     | 135-1 | 0.01    | 0.01    | 0.01    | 0.01       | 25.79   | ppb   |
| Barium     | 137-1 | 0.00    | 0.01    | -0.01   | 0.00       |         | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.02    | 0.01    | 0.01       | 37.40   | ppb   |
| Bismuth    | 209-1 |         |         |         | 111        |         | %     |
| Bismuth    | 209-2 |         |         |         | 107        |         | %     |
| Boron      | 10-1  | 4.74    | 4.67    | 4.38    | 4.60       | 4.20    | ppb   |
| Boron      | 11-1  | 5.03    | 4.93    | 4.89    | 4.95       | 1.37    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | -0.18   | -0.02   | -0.09   | -0.10      |         | ppb   |
| Cadmium    | 106-1 | -2.65   | -0.45   | -1.32   | -1.47      |         | ppb   |
| Cadmium    | 108-1 | -0.20   | -0.09   | -0.03   | -0.11      |         | ppb   |
| Calcium    | 43-1  | -0.49   | 0.84    | -1.11   | -0.25      |         | ppb   |
| Calcium    | 44-1  | -4.33   | -4.06   | -4.27   | -4.22      |         | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 0.02    | -0.03   | -0.02   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Copper     | 63-2  | -0.01   | 0.00    | -0.01   | 0.00       |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 109        |         | %     |
| Holmium    | 165-2 |         |         |         | 109        |         | %     |
| Indium     | 115-1 |         |         |         | 109        |         | %     |
| Indium     | 115-2 |         |         |         | 108        |         | %     |
| Iron       | 54-2  | -0.86   | -0.44   | -0.54   | -0.61      |         | ppb   |
| Iron       | 56-2  | 0.16    | 0.30    | 0.12    | 0.19       | 49.21   | ppb   |
| Iron       | 57-2  | 1.28    | -0.14   | 0.21    | 0.45       | 164.55  | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149657BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PBS657              | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:31:04 | DataFile Name :   | 037CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.00     | 0.00     | 0.01     | 0.01       | 31.86   | ppb   |
| Lead       | 207-1 | 0.03     | 0.04     | 0.01     | 0.03       | 45.90   | ppb   |
| Lead       | 208-1 | 0.02     | 0.02     | 0.02     | 0.02       | 11.46   | ppb   |
| Lithium    | 6-1   |          |          |          | 106        |         | %     |
| Magnesium  | 24-2  | -0.24    | 0.59     | 0.83     | 0.39       | 143.25  | ppb   |
| Manganese  | 55-2  | 0.01     | -0.01    | -0.03    | -0.01      |         | ppb   |
| Molybdenum | 94-1  | 0.01     | 0.02     | 0.01     | 0.01       | 43.60   | ppb   |
| Molybdenum | 95-1  | 0.02     | 0.03     | 0.02     | 0.02       | 26.96   | ppb   |
| Molybdenum | 96-1  | 0.03     | 0.03     | 0.03     | 0.03       | 5.01    | ppb   |
| Molybdenum | 97-1  | 0.02     | 0.02     | 0.03     | 0.02       | 32.30   | ppb   |
| Molybdenum | 98-1  | 0.02     | 0.01     | 0.01     | 0.02       | 18.76   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.00     | -0.03    | -0.02    | -0.02      |         | ppb   |
| Phosphorus | 31-2  | 2.95     | 8.20     | -13.09   | -0.65      |         | ppb   |
| Potassium  | 39-2  | -4.52    | 3.36     | -4.96    | -2.04      |         | ppb   |
| Rhodium    | 103-1 |          |          |          | 112        |         | %     |
| Rhodium    | 103-2 |          |          |          | 106        |         | %     |
| Scandium   | 45-1  |          |          |          | 109        |         | %     |
| Scandium   | 45-2  |          |          |          | 107        |         | %     |
| Selenium   | 82-1  | -0.16    | -0.26    | -0.25    | -0.23      |         | ppb   |
| Selenium   | 77-2  | -0.23    | -0.23    | -0.23    | -0.23      |         | ppb   |
| Selenium   | 78-2  | -0.78    | 0.05     | -0.60    | -0.44      |         | ppb   |
| Silicon    | 28-1  | -3.96    | -3.41    | -3.57    | -3.64      |         | ppb   |
| Silver     | 107-1 | 0.00     | 0.00     | 0.01     | 0.00       | 180.40  | ppb   |
| Silver     | 109-1 | 0.01     | -0.01    | 0.00     | 0.00       |         | ppb   |
| Sodium     | 23-2  | 1.19     | 3.68     | 2.03     | 2.30       | 55.08   | ppb   |
| Strontium  | 86-1  | 0.06     | 0.00     | 0.05     | 0.03       | 88.27   | ppb   |
| Strontium  | 88-1  | 0.02     | 0.02     | 0.02     | 0.02       | 25.68   | ppb   |
| Sulfur     | 34-1  | -1475.18 | -1348.94 | -1327.92 | -1384.01   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 109        |         | %     |
| Thallium   | 203-1 | 0.02     | 0.03     | 0.04     | 0.03       | 34.55   | ppb   |
| Thallium   | 205-1 | 0.03     | 0.04     | 0.04     | 0.03       | 16.32   | ppb   |
| Tin        | 118-1 | -0.07    | -0.09    | -0.09    | -0.08      |         | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149657BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PBS657              | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:31:04 | DataFile Name :   | 037CCBE.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | -0.03   | -0.07   | -0.05   | -0.05      |         | ppb   |
| Uranium   | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium  | 51-2  | 0.01    | 0.00    | 0.00    | 0.00       | 81.53   | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 113        |         | %     |
| Yttrium   | 89-2  |         |         |         | 108        |         | %     |
| Zinc      | 66-2  | 0.11    | 0.03    | 0.13    | 0.09       | 56.18   | ppb   |
| Zirconium | 90-1  | 0.00    | 0.00    | 0.01    | 0.00       | 665.89  | ppb   |
| Zirconium | 91-1  | 0.01    | -0.02   | 0.01    | 0.00       |         | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149657BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | LCS657              | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:34:13 | DataFile Name :   | 038LCSE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 43.42   | 48.48   | 48.30   | 46.73      | 6.14    | ppb   |
| Antimony   | 121-1 | 3.61    | 3.94    | 3.68    | 3.74       | 4.58    | ppb   |
| Arsenic    | 75-2  | 2.10    | 2.01    | 2.37    | 2.16       | 8.63    | ppb   |
| Barium     | 135-1 | 17.23   | 19.03   | 17.85   | 18.04      | 5.05    | ppb   |
| Barium     | 137-1 | 17.54   | 18.92   | 17.62   | 18.03      | 4.30    | ppb   |
| Beryllium  | 9-1   | 1.98    | 2.06    | 1.96    | 2.00       | 2.43    | ppb   |
| Bismuth    | 209-1 |         |         |         | 110        |         | %     |
| Bismuth    | 209-2 |         |         |         | 108        |         | %     |
| Boron      | 10-1  | 32.70   | 36.56   | 36.45   | 35.24      | 6.25    | ppb   |
| Boron      | 11-1  | 36.04   | 39.98   | 39.15   | 38.39      | 5.41    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 1.96    | 2.11    | 2.04    | 2.04       | 3.47    | ppb   |
| Cadmium    | 106-1 | 0.71    | -0.54   | 0.47    | 0.21       | 317.28  | ppb   |
| Cadmium    | 108-1 | 1.41    | 1.80    | 2.21    | 1.81       | 22.09   | ppb   |
| Calcium    | 43-1  | 973.94  | 963.62  | 954.93  | 964.16     | 0.99    | ppb   |
| Calcium    | 44-1  | 956.24  | 961.80  | 935.26  | 951.10     | 1.47    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 3.99    | 3.95    | 3.90    | 3.94       | 1.16    | ppb   |
| Cobalt     | 59-2  | 1.94    | 1.99    | 2.05    | 1.99       | 2.65    | ppb   |
| Copper     | 63-2  | 4.06    | 4.36    | 4.50    | 4.31       | 5.32    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 108        |         | %     |
| Holmium    | 165-2 |         |         |         | 110        |         | %     |
| Indium     | 115-1 |         |         |         | 107        |         | %     |
| Indium     | 115-2 |         |         |         | 109        |         | %     |
| Iron       | 54-2  | 413.47  | 422.09  | 428.33  | 421.30     | 1.77    | ppb   |
| Iron       | 56-2  | 413.19  | 425.62  | 426.54  | 421.78     | 1.77    | ppb   |
| Iron       | 57-2  | 394.31  | 427.41  | 398.29  | 406.67     | 4.44    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149657BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | LCS657              | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:34:13 | DataFile Name :   | 038LCSE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 1.78     | 1.77     | 1.72     | 1.76       | 1.69    | ppb   |
| Lead       | 207-1 | 1.70     | 1.73     | 1.67     | 1.70       | 1.56    | ppb   |
| Lead       | 208-1 | 1.75     | 1.74     | 1.69     | 1.73       | 1.96    | ppb   |
| Lithium    | 6-1   |          |          |          | 104        |         | %     |
| Magnesium  | 24-2  | 1033.12  | 1025.06  | 1064.68  | 1040.95    | 2.01    | ppb   |
| Manganese  | 55-2  | 2.19     | 2.33     | 2.55     | 2.36       | 7.80    | ppb   |
| Molybdenum | 94-1  | 5.12     | 5.43     | 5.62     | 5.39       | 4.67    | ppb   |
| Molybdenum | 95-1  | 2.20     | 2.35     | 2.19     | 2.25       | 4.05    | ppb   |
| Molybdenum | 96-1  | 2.51     | 2.48     | 2.43     | 2.47       | 1.58    | ppb   |
| Molybdenum | 97-1  | 2.18     | 2.11     | 2.41     | 2.23       | 7.02    | ppb   |
| Molybdenum | 98-1  | 2.20     | 2.14     | 2.19     | 2.18       | 1.67    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 2.24     | 2.26     | 2.12     | 2.21       | 3.40    | ppb   |
| Phosphorus | 31-2  | -3.39    | -10.38   | 16.90    | 1.04       | 1357.80 | ppb   |
| Potassium  | 39-2  | 952.21   | 946.60   | 971.91   | 956.90     | 1.39    | ppb   |
| Rhodium    | 103-1 |          |          |          | 113        |         | %     |
| Rhodium    | 103-2 |          |          |          | 108        |         | %     |
| Scandium   | 45-1  |          |          |          | 108        |         | %     |
| Scandium   | 45-2  |          |          |          | 109        |         | %     |
| Selenium   | 82-1  | 10.68    | 10.14    | 10.86    | 10.56      | 3.56    | ppb   |
| Selenium   | 77-2  | 9.33     | 9.15     | 6.86     | 8.45       | 16.32   | ppb   |
| Selenium   | 78-2  | 12.05    | 10.30    | 10.80    | 11.05      | 8.18    | ppb   |
| Silicon    | 28-1  | 0.86     | 0.21     | -0.26    | 0.27       | 209.93  | ppb   |
| Silver     | 107-1 | 1.87     | 2.09     | 1.93     | 1.96       | 5.80    | ppb   |
| Silver     | 109-1 | 1.99     | 2.02     | 1.99     | 2.00       | 0.82    | ppb   |
| Sodium     | 23-2  | 986.97   | 993.04   | 1014.98  | 998.33     | 1.48    | ppb   |
| Strontium  | 86-1  | 2.02     | 2.11     | 1.87     | 2.00       | 5.91    | ppb   |
| Strontium  | 88-1  | 2.01     | 1.99     | 2.06     | 2.02       | 1.65    | ppb   |
| Sulfur     | 34-1  | -1254.59 | -1265.59 | -1268.86 | -1263.02   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 110        |         | %     |
| Terbium    | 159-2 |          |          |          | 111        |         | %     |
| Thallium   | 203-1 | 1.73     | 1.74     | 1.72     | 1.73       | 0.44    | ppb   |
| Thallium   | 205-1 | 1.82     | 1.86     | 1.79     | 1.82       | 1.79    | ppb   |
| Tin        | 118-1 | 0.06     | 0.08     | 0.03     | 0.05       | 45.03   | ppb   |



|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149657BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | LCS657              | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:34:13 | DataFile Name :   | 038LCSE.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 9.46    | 9.79    | 9.46    | 9.57       | 2.03    | ppb   |
| Uranium   | 238-1 | 1.67    | 1.70    | 1.68    | 1.68       | 0.75    | ppb   |
| Vanadium  | 51-2  | 9.17    | 9.06    | 9.11    | 9.11       | 0.62    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 113        |         | %     |
| Yttrium   | 89-2  |         |         |         | 109        |         | %     |
| Zinc      | 66-2  | 10.67   | 10.85   | 10.59   | 10.70      | 1.21    | ppb   |
| Zirconium | 90-1  | 1.89    | 1.86    | 1.93    | 1.89       | 1.87    | ppb   |
| Zirconium | 91-1  | 1.84    | 1.88    | 2.08    | 1.93       | 6.59    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149507BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB149507BL          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:37:24 | DataFile Name :   | 039CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.17    | 0.85    | 0.99    | 1.00       | 16.20   | ppb   |
| Antimony   | 121-1 | 0.01    | 0.01    | 0.01    | 0.01       | 29.81   | ppb   |
| Arsenic    | 75-2  | -0.01   | -0.01   | 0.01    | 0.00       |         | ppb   |
| Barium     | 135-1 | 0.01    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | -0.01   | 0.00       |         | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.01    | 0.01    | 0.01       | 17.23   | ppb   |
| Bismuth    | 209-1 |         |         |         | 110        |         | %     |
| Bismuth    | 209-2 |         |         |         | 108        |         | %     |
| Boron      | 10-1  | 5.60    | 5.51    | 4.88    | 5.33       | 7.33    | ppb   |
| Boron      | 11-1  | 6.01    | 5.72    | 5.32    | 5.68       | 6.06    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | 0.02    | 0.03    | -0.03   | 0.01       | 532.17  | ppb   |
| Cadmium    | 106-1 | 0.10    | 0.33    | -0.52   | -0.03      |         | ppb   |
| Cadmium    | 108-1 | -0.09   | -0.12   | -0.09   | -0.10      |         | ppb   |
| Calcium    | 43-1  | 1.04    | 0.48    | 1.08    | 0.87       | 38.93   | ppb   |
| Calcium    | 44-1  | -3.37   | -4.14   | -2.93   | -3.48      |         | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 0.01    | -0.06   | 0.00    | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | 166.34  | ppb   |
| Copper     | 63-2  | 0.04    | 0.00    | 0.00    | 0.01       | 154.78  | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 110        |         | %     |
| Holmium    | 165-2 |         |         |         | 110        |         | %     |
| Indium     | 115-1 |         |         |         | 108        |         | %     |
| Indium     | 115-2 |         |         |         | 110        |         | %     |
| Iron       | 54-2  | 1.79    | -1.72   | 1.16    | 0.41       | 456.45  | ppb   |
| Iron       | 56-2  | 1.25    | -0.01   | 0.48    | 0.57       | 110.82  | ppb   |
| Iron       | 57-2  | 1.24    | 0.00    | 0.10    | 0.45       | 154.28  | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149507BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB149507BL          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:37:24 | DataFile Name :   | 039CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.03     | 0.04     | 0.03     | 0.03       | 26.90   | ppb   |
| Lead       | 207-1 | 0.00     | 0.03     | 0.02     | 0.02       | 88.34   | ppb   |
| Lead       | 208-1 | 0.02     | 0.04     | 0.02     | 0.03       | 48.24   | ppb   |
| Lithium    | 6-1   |          |          |          | 105        |         | %     |
| Magnesium  | 24-2  | 3.06     | 0.71     | -0.38    | 1.13       | 155.38  | ppb   |
| Manganese  | 55-2  | 0.05     | -0.01    | 0.01     | 0.02       | 198.57  | ppb   |
| Molybdenum | 94-1  | 0.01     | 0.02     | 0.03     | 0.02       | 28.74   | ppb   |
| Molybdenum | 95-1  | 0.01     | 0.02     | 0.01     | 0.02       | 34.12   | ppb   |
| Molybdenum | 96-1  | 0.02     | 0.02     | 0.00     | 0.01       | 92.41   | ppb   |
| Molybdenum | 97-1  | 0.02     | 0.01     | 0.01     | 0.01       | 33.96   | ppb   |
| Molybdenum | 98-1  | 0.01     | 0.01     | 0.01     | 0.01       | 11.03   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.00     | -0.01    | -0.02    | -0.01      |         | ppb   |
| Phosphorus | 31-2  | -15.73   | -16.13   | 0.93     | -10.31     |         | ppb   |
| Potassium  | 39-2  | -6.14    | -21.89   | 14.03    | -4.67      |         | ppb   |
| Rhodium    | 103-1 |          |          |          | 114        |         | %     |
| Rhodium    | 103-2 |          |          |          | 108        |         | %     |
| Scandium   | 45-1  |          |          |          | 110        |         | %     |
| Scandium   | 45-2  |          |          |          | 110        |         | %     |
| Selenium   | 82-1  | 0.01     | 0.01     | -0.32    | -0.10      |         | ppb   |
| Selenium   | 77-2  | 0.40     | -0.23    | -0.23    | -0.02      |         | ppb   |
| Selenium   | 78-2  | -0.10    | -1.02    | 0.18     | -0.32      |         | ppb   |
| Silicon    | 28-1  | -3.74    | -4.27    | -3.41    | -3.81      |         | ppb   |
| Silver     | 107-1 | -0.01    | 0.00     | 0.00     | 0.00       |         | ppb   |
| Silver     | 109-1 | 0.00     | 0.00     | 0.00     | 0.00       | 82.87   | ppb   |
| Sodium     | 23-2  | 1.12     | -6.69    | 9.05     | 1.16       | 677.62  | ppb   |
| Strontium  | 86-1  | -0.02    | 0.02     | -0.03    | -0.01      |         | ppb   |
| Strontium  | 88-1  | 0.02     | 0.02     | 0.01     | 0.02       | 28.66   | ppb   |
| Sulfur     | 34-1  | -1288.18 | -1450.22 | -1009.76 | -1249.39   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 110        |         | %     |
| Terbium    | 159-2 |          |          |          | 112        |         | %     |
| Thallium   | 203-1 | 0.02     | 0.05     | 0.02     | 0.03       | 39.58   | ppb   |
| Thallium   | 205-1 | 0.03     | 0.02     | 0.03     | 0.03       | 12.07   | ppb   |
| Tin        | 118-1 | -0.08    | -0.09    | -0.07    | -0.08      |         | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149507BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB149507BL          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:37:24 | DataFile Name :   | 039CCBE.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | -0.04   | -0.02   | 0.11    | 0.01       | 630.69  | ppb   |
| Uranium   | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Vanadium  | 51-2  | 0.01    | 0.01    | 0.01    | 0.01       | 30.75   | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 113        |         | %     |
| Yttrium   | 89-2  |         |         |         | 110        |         | %     |
| Zinc      | 66-2  | 0.24    | 0.05    | 0.26    | 0.19       | 62.33   | ppb   |
| Zirconium | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Zirconium | 91-1  | 0.00    | 0.00    | 0.00    | 0.00       | 706.48  | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149507BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB149507BS          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:40:33 | DataFile Name :   | 040LCS6.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 10378.38 | 10157.89 | 10034.59 | 10190.29   | 1.71    | ppb   |
| Antimony   | 121-1 | 510.75   | 480.20   | 477.59   | 489.51     | 3.77    | ppb   |
| Arsenic    | 75-2  | 493.87   | 480.63   | 483.27   | 485.92     | 1.44    | ppb   |
| Barium     | 135-1 | 2521.35  | 2336.53  | 2374.64  | 2410.84    | 4.05    | ppb   |
| Barium     | 137-1 | 2476.75  | 2308.11  | 2315.60  | 2366.82    | 4.03    | ppb   |
| Beryllium  | 9-1   | 500.46   | 480.33   | 484.66   | 488.49     | 2.17    | ppb   |
| Bismuth    | 209-1 |          |          |          | 108        |         | %     |
| Bismuth    | 209-2 |          |          |          | 105        |         | %     |
| Boron      | 10-1  | 620.80   | 625.26   | 654.35   | 633.47     | 2.88    | ppb   |
| Boron      | 11-1  | 643.04   | 647.56   | 647.20   | 645.93     | 0.39    | ppb   |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Cadmium    | 111-1 | 503.93   | 483.54   | 468.23   | 485.23     | 3.69    | ppb   |
| Cadmium    | 106-1 | 517.54   | 481.10   | 484.66   | 494.43     | 4.06    | ppb   |
| Cadmium    | 108-1 | 517.00   | 488.44   | 488.98   | 498.14     | 3.28    | ppb   |
| Calcium    | 43-1  | 59757.03 | 56251.81 | 56869.80 | 57626.21   | 3.25    | ppb   |
| Calcium    | 44-1  | 53284.76 | 51059.46 | 51144.87 | 51829.70   | 2.43    | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Carbon     | 12-2  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-2  |          |          |          |            |         | cps   |
| Chromium   | 52-2  | 471.64   | 459.36   | 461.37   | 464.12     | 1.42    | ppb   |
| Cobalt     | 59-2  | 504.92   | 498.92   | 498.04   | 500.63     | 0.75    | ppb   |
| Copper     | 63-2  | 4945.18  | 4788.93  | 4936.78  | 4890.30    | 1.80    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 111        |         | %     |
| Holmium    | 165-2 |          |          |          | 111        |         | %     |
| Indium     | 115-1 |          |          |          | 106        |         | %     |
| Indium     | 115-2 |          |          |          | 105        |         | %     |
| Iron       | 54-2  | 28529.16 | 27245.27 | 27193.31 | 27655.91   | 2.74    | ppb   |
| Iron       | 56-2  | 28078.85 | 26813.98 | 26220.34 | 27037.72   | 3.51    | ppb   |
| Iron       | 57-2  | 26269.32 | 24980.29 | 24899.24 | 25382.95   | 3.03    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149507BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB149507BS          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:40:33 | DataFile Name :   | 040LCS6.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 2396.91  | 2357.07  | 2267.61  | 2340.53    | 2.83    | ppb   |
| Lead       | 207-1 | 2389.28  | 2399.66  | 2286.38  | 2358.44    | 2.66    | ppb   |
| Lead       | 208-1 | 2408.32  | 2380.17  | 2321.47  | 2369.99    | 1.87    | ppb   |
| Lithium    | 6-1   |          |          |          | 101        |         | %     |
| Magnesium  | 24-2  | 55526.31 | 51965.45 | 52310.16 | 53267.31   | 3.69    | ppb   |
| Manganese  | 55-2  | 5072.73  | 4750.75  | 4796.84  | 4873.44    | 3.57    | ppb   |
| Molybdenum | 94-1  | 4886.64  | 4681.93  | 4586.83  | 4718.47    | 3.25    | ppb   |
| Molybdenum | 95-1  | 4821.61  | 4649.79  | 4476.81  | 4649.40    | 3.71    | ppb   |
| Molybdenum | 96-1  | 4799.70  | 4558.75  | 4539.52  | 4632.66    | 3.13    | ppb   |
| Molybdenum | 97-1  | 4792.32  | 4593.99  | 4493.66  | 4626.66    | 3.28    | ppb   |
| Molybdenum | 98-1  | 4859.78  | 4481.81  | 4586.40  | 4642.67    | 4.20    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 497.02   | 490.48   | 478.01   | 488.50     | 1.98    | ppb   |
| Phosphorus | 31-2  | 10113.66 | 10070.15 | 9804.39  | 9996.07    | 1.67    | ppb   |
| Potassium  | 39-2  | 25832.27 | 25576.71 | 25395.76 | 25601.58   | 0.86    | ppb   |
| Rhodium    | 103-1 |          |          |          | 109        |         | %     |
| Rhodium    | 103-2 |          |          |          | 104        |         | %     |
| Scandium   | 45-1  |          |          |          | 107        |         | %     |
| Scandium   | 45-2  |          |          |          | 106        |         | %     |
| Selenium   | 82-1  | 507.11   | 477.96   | 473.81   | 486.30     | 3.73    | ppb   |
| Selenium   | 77-2  | 486.28   | 517.19   | 490.70   | 498.06     | 3.36    | ppb   |
| Selenium   | 78-2  | 490.27   | 483.71   | 501.90   | 491.96     | 1.87    | ppb   |
| Silicon    | 28-1  | 910.69   | 865.78   | 877.53   | 884.67     | 2.63    | ppb   |
| Silver     | 107-1 | 535.46   | 479.76   | 489.74   | 501.65     | 5.92    | ppb   |
| Silver     | 109-1 | 521.36   | 496.90   | 497.15   | 505.14     | 2.78    | ppb   |
| Sodium     | 23-2  | 52825.66 | 50333.94 | 51284.58 | 51481.39   | 2.44    | ppb   |
| Strontium  | 86-1  | 11872.67 | 11357.27 | 11262.75 | 11497.56   | 2.86    | ppb   |
| Strontium  | 88-1  | 12193.50 | 11591.10 | 11339.22 | 11707.94   | 3.75    | ppb   |
| Sulfur     | 34-1  | 11824.30 | 10650.67 | 10752.14 | 11075.70   | 5.87    | ppb   |
| Terbium    | 159-1 |          |          |          | 110        |         | %     |
| Terbium    | 159-2 |          |          |          | 111        |         | %     |
| Thallium   | 203-1 | 482.12   | 477.26   | 460.75   | 473.38     | 2.37    | ppb   |
| Thallium   | 205-1 | 494.78   | 474.90   | 473.19   | 480.96     | 2.50    | ppb   |
| Tin        | 118-1 | 501.31   | 464.34   | 469.34   | 478.33     | 4.19    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149507BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB149507BS          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:40:33 | DataFile Name :   | 040LCS6.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 4959.84 | 4794.98 | 4571.84 | 4775.55    | 4.08    | ppb   |
| Uranium   | 238-1 | 470.75  | 461.38  | 450.83  | 460.99     | 2.16    | ppb   |
| Vanadium  | 51-2  | 471.94  | 464.45  | 462.44  | 466.28     | 1.07    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 114        |         | %     |
| Yttrium   | 89-2  |         |         |         | 109        |         | %     |
| Zinc      | 66-2  | 5149.44 | 4914.38 | 4986.05 | 5016.62    | 2.40    | ppb   |
| Zirconium | 90-1  | 488.46  | 476.16  | 466.05  | 476.89     | 2.35    | ppb   |
| Zirconium | 91-1  | 493.03  | 470.76  | 478.41  | 480.73     | 2.35    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149767BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB149767BL          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:56:24 | DataFile Name :   | 041CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.30    | 0.76    | 0.59    | 0.55       | 41.49   | ppb   |
| Antimony   | 121-1 | 0.02    | 0.03    | 0.04    | 0.03       | 29.38   | ppb   |
| Arsenic    | 75-2  | -0.01   | -0.01   | -0.01   | -0.01      |         | ppb   |
| Barium     | 135-1 | 0.02    | 0.03    | 0.02    | 0.02       | 37.09   | ppb   |
| Barium     | 137-1 | 0.01    | 0.00    | 0.00    | 0.00       | 165.33  | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.02    | 0.01    | 0.02       | 25.87   | ppb   |
| Bismuth    | 209-1 |         |         |         | 111        |         | %     |
| Bismuth    | 209-2 |         |         |         | 110        |         | %     |
| Boron      | 10-1  | 5.73    | 6.08    | 5.77    | 5.86       | 3.29    | ppb   |
| Boron      | 11-1  | 6.56    | 6.64    | 6.22    | 6.47       | 3.48    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | -0.05   | -0.02   | -0.17   | -0.08      |         | ppb   |
| Cadmium    | 106-1 | -0.65   | -0.46   | -2.18   | -1.10      |         | ppb   |
| Cadmium    | 108-1 | -0.08   | -0.11   | -0.08   | -0.09      |         | ppb   |
| Calcium    | 43-1  | -0.03   | -1.12   | -1.41   | -0.85      |         | ppb   |
| Calcium    | 44-1  | -3.31   | -3.54   | -2.26   | -3.04      |         | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 0.00    | 0.02    | -0.04   | -0.01      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | -0.01   | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | -0.04   | -0.02   | -0.02   | -0.03      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 110        |         | %     |
| Holmium    | 165-2 |         |         |         | 109        |         | %     |
| Indium     | 115-1 |         |         |         | 110        |         | %     |
| Indium     | 115-2 |         |         |         | 110        |         | %     |
| Iron       | 54-2  | -0.66   | -1.02   | -0.85   | -0.84      |         | ppb   |
| Iron       | 56-2  | -0.14   | 0.07    | -0.14   | -0.07      |         | ppb   |
| Iron       | 57-2  | -1.44   | -0.69   | -1.50   | -1.21      |         | ppb   |



|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149767BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB149767BL          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:56:24 | DataFile Name :   | 041CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.04     | 0.03     | 0.02     | 0.03       | 24.05   | ppb   |
| Lead       | 207-1 | 0.06     | 0.04     | 0.02     | 0.04       | 50.49   | ppb   |
| Lead       | 208-1 | 0.04     | 0.04     | 0.02     | 0.03       | 40.17   | ppb   |
| Lithium    | 6-1   |          |          |          | 105        |         | %     |
| Magnesium  | 24-2  | -0.41    | -0.67    | -0.06    | -0.38      |         | ppb   |
| Manganese  | 55-2  | 0.01     | -0.02    | -0.02    | -0.01      |         | ppb   |
| Molybdenum | 94-1  | 0.03     | 0.02     | 0.02     | 0.02       | 23.40   | ppb   |
| Molybdenum | 95-1  | 0.04     | 0.04     | 0.02     | 0.03       | 43.01   | ppb   |
| Molybdenum | 96-1  | 0.03     | 0.04     | 0.02     | 0.03       | 48.63   | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.04     | 0.04     | 0.04       | 11.27   | ppb   |
| Molybdenum | 98-1  | 0.03     | 0.02     | 0.02     | 0.03       | 17.36   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | -0.03    | 0.01     | -0.01    | -0.01      |         | ppb   |
| Phosphorus | 31-2  | -16.42   | -9.60    | -9.94    | -11.99     |         | ppb   |
| Potassium  | 39-2  | -23.94   | -1.44    | -0.54    | -8.64      |         | ppb   |
| Rhodium    | 103-1 |          |          |          | 114        |         | %     |
| Rhodium    | 103-2 |          |          |          | 108        |         | %     |
| Scandium   | 45-1  |          |          |          | 112        |         | %     |
| Scandium   | 45-2  |          |          |          | 112        |         | %     |
| Selenium   | 82-1  | -0.28    | -0.12    | -0.17    | -0.19      |         | ppb   |
| Selenium   | 77-2  | -0.23    | -0.23    | -0.23    | -0.23      |         | ppb   |
| Selenium   | 78-2  | -0.44    | -1.15    | -0.11    | -0.57      |         | ppb   |
| Silicon    | 28-1  | -3.96    | -4.25    | -2.98    | -3.73      |         | ppb   |
| Silver     | 107-1 | 0.00     | 0.01     | 0.01     | 0.01       | 53.39   | ppb   |
| Silver     | 109-1 | 0.00     | 0.01     | -0.01    | 0.00       | 811.46  | ppb   |
| Sodium     | 23-2  | -6.77    | 2.38     | 2.76     | -0.54      |         | ppb   |
| Strontium  | 86-1  | 0.03     | 0.05     | 0.08     | 0.05       | 41.52   | ppb   |
| Strontium  | 88-1  | 0.04     | 0.04     | 0.03     | 0.04       | 12.16   | ppb   |
| Sulfur     | 34-1  | -1686.47 | -1820.67 | -1274.70 | -1593.95   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 107        |         | %     |
| Terbium    | 159-2 |          |          |          | 112        |         | %     |
| Thallium   | 203-1 | 0.03     | 0.02     | 0.02     | 0.02       | 31.06   | ppb   |
| Thallium   | 205-1 | 0.03     | 0.03     | 0.03     | 0.03       | 12.85   | ppb   |
| Tin        | 118-1 | -0.08    | -0.08    | -0.06    | -0.07      |         | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149767BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB149767BL          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:56:24 | DataFile Name :   | 041CCBE.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 0.05    | 0.08    | 0.04    | 0.06       | 34.38   | ppb   |
| Uranium   | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 166.04  | ppb   |
| Vanadium  | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 114        |         | %     |
| Yttrium   | 89-2  |         |         |         | 109        |         | %     |
| Zinc      | 66-2  | 0.38    | 0.29    | 0.23    | 0.30       | 24.54   | ppb   |
| Zirconium | 90-1  | 0.00    | 0.01    | 0.00    | 0.00       | 126.67  | ppb   |
| Zirconium | 91-1  | -0.01   | -0.01   | 0.01    | 0.00       |         | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149767BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB149767BS          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:59:33 | DataFile Name :   | 042LCSS.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 10327.14 | 10110.44 | 9869.11  | 10102.23   | 2.27    | ppb   |
| Antimony   | 121-1 | 492.94   | 501.14   | 479.09   | 491.06     | 2.27    | ppb   |
| Arsenic    | 75-2  | 481.85   | 492.54   | 466.49   | 480.29     | 2.73    | ppb   |
| Barium     | 135-1 | 2457.37  | 2385.62  | 2388.63  | 2410.54    | 1.68    | ppb   |
| Barium     | 137-1 | 2451.23  | 2437.35  | 2297.88  | 2395.49    | 3.54    | ppb   |
| Beryllium  | 9-1   | 495.30   | 478.67   | 491.66   | 488.54     | 1.79    | ppb   |
| Bismuth    | 209-1 |          |          |          | 108        |         | %     |
| Bismuth    | 209-2 |          |          |          | 105        |         | %     |
| Boron      | 10-1  | 606.15   | 604.75   | 640.36   | 617.09     | 3.27    | ppb   |
| Boron      | 11-1  | 616.27   | 604.61   | 653.44   | 624.78     | 4.08    | ppb   |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Cadmium    | 111-1 | 494.34   | 499.70   | 469.82   | 487.95     | 3.26    | ppb   |
| Cadmium    | 106-1 | 502.92   | 518.73   | 483.73   | 501.79     | 3.49    | ppb   |
| Cadmium    | 108-1 | 485.77   | 502.50   | 489.89   | 492.72     | 1.77    | ppb   |
| Calcium    | 43-1  | 57075.61 | 57114.28 | 54725.29 | 56305.06   | 2.43    | ppb   |
| Calcium    | 44-1  | 52227.17 | 53537.91 | 50834.49 | 52199.86   | 2.59    | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Carbon     | 12-2  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-2  |          |          |          |            |         | cps   |
| Chromium   | 52-2  | 458.18   | 449.44   | 444.48   | 450.70     | 1.54    | ppb   |
| Cobalt     | 59-2  | 491.57   | 484.87   | 480.10   | 485.51     | 1.19    | ppb   |
| Copper     | 63-2  | 4966.70  | 4741.64  | 4645.81  | 4784.72    | 3.44    | 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 |          |          |          | 110        |         | %     |
| Holmium    | 165-2 |          |          |          | 110        |         | %     |
| Indium     | 115-1 |          |          |          | 107        |         | %     |
| Indium     | 115-2 |          |          |          | 105        |         | %     |
| Iron       | 54-2  | 28356.60 | 27565.49 | 26739.19 | 27553.76   | 2.94    | ppb   |
| Iron       | 56-2  | 26892.13 | 26520.62 | 26248.02 | 26553.59   | 1.22    | ppb   |
| Iron       | 57-2  | 25571.17 | 24797.49 | 24350.42 | 24906.36   | 2.48    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149767BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB149767BS          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:59:33 | DataFile Name :   | 042LCSS.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 2438.54  | 2348.80  | 2294.01  | 2360.45    | 3.09    | ppb   |
| Lead       | 207-1 | 2428.89  | 2307.64  | 2298.71  | 2345.08    | 3.10    | ppb   |
| Lead       | 208-1 | 2410.85  | 2348.96  | 2295.17  | 2351.66    | 2.46    | ppb   |
| Lithium    | 6-1   |          |          |          | 105        |         | %     |
| Magnesium  | 24-2  | 52878.39 | 51925.61 | 50933.02 | 51912.34   | 1.87    | ppb   |
| Manganese  | 55-2  | 4960.84  | 4810.89  | 4689.31  | 4820.35    | 2.82    | ppb   |
| Molybdenum | 94-1  | 4821.25  | 4727.74  | 4596.57  | 4715.19    | 2.39    | ppb   |
| Molybdenum | 95-1  | 4883.33  | 4667.32  | 4699.64  | 4750.09    | 2.45    | ppb   |
| Molybdenum | 96-1  | 4745.61  | 4748.07  | 4665.61  | 4719.76    | 0.99    | ppb   |
| Molybdenum | 97-1  | 4834.01  | 4640.48  | 4691.33  | 4721.94    | 2.12    | ppb   |
| Molybdenum | 98-1  | 4814.35  | 4695.62  | 4597.46  | 4702.48    | 2.31    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 494.86   | 472.25   | 465.36   | 477.49     | 3.23    | ppb   |
| Phosphorus | 31-2  | 10267.46 | 9998.39  | 9330.59  | 9865.48    | 4.89    | ppb   |
| Potassium  | 39-2  | 24471.10 | 24233.49 | 23873.34 | 24192.64   | 1.24    | ppb   |
| Rhodium    | 103-1 |          |          |          | 109        |         | %     |
| Rhodium    | 103-2 |          |          |          | 103        |         | %     |
| Scandium   | 45-1  |          |          |          | 109        |         | %     |
| Scandium   | 45-2  |          |          |          | 108        |         | %     |
| Selenium   | 82-1  | 488.47   | 486.82   | 483.53   | 486.27     | 0.52    | ppb   |
| Selenium   | 77-2  | 493.06   | 507.33   | 487.85   | 496.08     | 2.03    | ppb   |
| Selenium   | 78-2  | 496.32   | 494.28   | 484.86   | 491.82     | 1.24    | ppb   |
| Silicon    | 28-1  | 879.41   | 892.79   | 874.25   | 882.15     | 1.08    | ppb   |
| Silver     | 107-1 | 497.27   | 507.48   | 487.58   | 497.45     | 2.00    | ppb   |
| Silver     | 109-1 | 504.52   | 502.39   | 478.55   | 495.15     | 2.91    | ppb   |
| Sodium     | 23-2  | 51173.61 | 50193.83 | 49298.91 | 50222.12   | 1.87    | ppb   |
| Strontium  | 86-1  | 11895.26 | 11283.45 | 11479.42 | 11552.71   | 2.70    | ppb   |
| Strontium  | 88-1  | 12035.55 | 11314.95 | 11599.77 | 11650.09   | 3.12    | ppb   |
| Sulfur     | 34-1  | 10985.22 | 11244.07 | 10571.14 | 10933.47   | 3.10    | ppb   |
| Terbium    | 159-1 |          |          |          | 110        |         | %     |
| Terbium    | 159-2 |          |          |          | 111        |         | %     |
| Thallium   | 203-1 | 507.30   | 482.10   | 477.01   | 488.80     | 3.32    | ppb   |
| Thallium   | 205-1 | 502.77   | 470.79   | 468.22   | 480.59     | 4.01    | ppb   |
| Tin        | 118-1 | 495.57   | 499.49   | 479.88   | 491.65     | 2.11    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149767BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB149767BS          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:59:33 | DataFile Name :   | 042LCSS.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 4695.25 | 4778.17 | 4689.35 | 4720.92    | 1.05    | ppb   |
| Uranium   | 238-1 | 453.28  | 440.01  | 449.76  | 447.68     | 1.54    | ppb   |
| Vanadium  | 51-2  | 461.54  | 456.04  | 447.20  | 454.93     | 1.59    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 114        |         | %     |
| Yttrium   | 89-2  |         |         |         | 109        |         | %     |
| Zinc      | 66-2  | 5075.45 | 4927.76 | 4763.32 | 4922.18    | 3.17    | ppb   |
| Zirconium | 90-1  | 481.74  | 482.62  | 476.71  | 480.35     | 0.66    | ppb   |
| Zirconium | 91-1  | 489.49  | 481.36  | 462.91  | 477.92     | 2.85    | ppb   |

LB Number : LB123428 Operator : Jaswal  
 Lab Sample ID : PB149788BL Instrumnet Name : P8  
 Client Sample ID : PB149788BL Dilution Factor : 1  
 Date & Time Acquired : 2022-12-22 13:08:27 DataFile Name : 043CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.95    | 0.67    | 1.18    | 0.93       | 27.46   | ppb   |
| Antimony   | 121-1 | 0.07    | 0.08    | 0.06    | 0.07       | 10.20   | ppb   |
| Arsenic    | 75-2  | -0.01   | -0.01   | 0.01    | 0.00       |         | ppb   |
| Barium     | 135-1 | 0.17    | 0.04    | 0.03    | 0.08       | 89.98   | ppb   |
| Barium     | 137-1 | 0.16    | 0.01    | 0.03    | 0.07       | 126.75  | ppb   |
| Beryllium  | 9-1   | 0.04    | 0.03    | 0.02    | 0.03       | 39.24   | ppb   |
| Bismuth    | 209-1 |         |         |         | 113        |         | %     |
| Bismuth    | 209-2 |         |         |         | 118        |         | %     |
| Boron      | 10-1  | 12.35   | 12.57   | 12.24   | 12.39      | 1.33    | ppb   |
| Boron      | 11-1  | 13.51   | 13.28   | 13.31   | 13.37      | 0.91    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | -0.11   | -0.14   | -0.08   | -0.11      |         | ppb   |
| Cadmium    | 106-1 | -2.02   | -2.06   | -1.20   | -1.76      |         | ppb   |
| Cadmium    | 108-1 | -0.06   | -0.12   | -0.06   | -0.08      |         | ppb   |
| Calcium    | 43-1  | 1.26    | -0.21   | -0.83   | 0.07       | 1496.44 | ppb   |
| Calcium    | 44-1  | -1.29   | -1.87   | -2.48   | -1.88      |         | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | -0.04   | -0.05   | 0.00    | -0.03      |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.00    | 0.01    | 0.00       | 98.22   | ppb   |
| Copper     | 63-2  | 0.00    | -0.03   | -0.02   | -0.02      |         | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 112        |         | %     |
| Holmium    | 165-2 |         |         |         | 119        |         | %     |
| Indium     | 115-1 |         |         |         | 110        |         | %     |
| Indium     | 115-2 |         |         |         | 118        |         | %     |
| Iron       | 54-2  | -0.84   | -1.70   | -0.51   | -1.02      |         | ppb   |
| Iron       | 56-2  | 0.05    | -0.41   | 0.10    | -0.09      |         | ppb   |
| Iron       | 57-2  | -0.52   | -0.64   | -0.56   | -0.57      |         | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149788BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB149788BL          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 13:08:27 | DataFile Name :   | 043CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.12     | 0.06     | 0.05     | 0.08       | 47.15   | ppb   |
| Lead       | 207-1 | 0.11     | 0.07     | 0.05     | 0.08       | 41.61   | ppb   |
| Lead       | 208-1 | 0.11     | 0.06     | 0.04     | 0.07       | 52.11   | ppb   |
| Lithium    | 6-1   |          |          |          | 105        |         | %     |
| Magnesium  | 24-2  | -0.35    | -0.31    | 0.41     | -0.09      |         | ppb   |
| Manganese  | 55-2  | 0.00     | 0.01     | 0.00     | 0.00       | 106.03  | ppb   |
| Molybdenum | 94-1  | 0.17     | 0.10     | 0.09     | 0.12       | 34.74   | ppb   |
| Molybdenum | 95-1  | 0.16     | 0.08     | 0.10     | 0.11       | 38.05   | ppb   |
| Molybdenum | 96-1  | 0.15     | 0.08     | 0.09     | 0.10       | 34.55   | ppb   |
| Molybdenum | 97-1  | 0.18     | 0.08     | 0.09     | 0.12       | 44.08   | ppb   |
| Molybdenum | 98-1  | 0.16     | 0.08     | 0.11     | 0.12       | 35.04   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | -0.01    | -0.01    | -0.02    | -0.02      |         | ppb   |
| Phosphorus | 31-2  | 4.46     | -12.49   | -29.19   | -12.41     |         | ppb   |
| Potassium  | 39-2  | -8.91    | -36.04   | -4.26    | -16.40     |         | ppb   |
| Rhodium    | 103-1 |          |          |          | 113        |         | %     |
| Rhodium    | 103-2 |          |          |          | 115        |         | %     |
| Scandium   | 45-1  |          |          |          | 111        |         | %     |
| Scandium   | 45-2  |          |          |          | 117        |         | %     |
| Selenium   | 82-1  | -0.05    | 0.11     | 0.12     | 0.06       | 150.19  | ppb   |
| Selenium   | 77-2  | -0.23    | 0.29     | 0.40     | 0.15       | 221.90  | ppb   |
| Selenium   | 78-2  | -0.81    | -1.13    | -0.98    | -0.97      |         | ppb   |
| Silicon    | 28-1  | -3.59    | -3.86    | -3.68    | -3.71      |         | ppb   |
| Silver     | 107-1 | 0.04     | 0.03     | 0.04     | 0.04       | 23.31   | ppb   |
| Silver     | 109-1 | 0.04     | 0.04     | 0.03     | 0.04       | 8.43    | ppb   |
| Sodium     | 23-2  | -1.99    | -11.90   | 1.54     | -4.12      |         | ppb   |
| Strontium  | 86-1  | 0.34     | 0.14     | 0.11     | 0.19       | 64.43   | ppb   |
| Strontium  | 88-1  | 0.34     | 0.14     | 0.14     | 0.21       | 54.83   | ppb   |
| Sulfur     | 34-1  | -1776.48 | -1712.19 | -1711.65 | -1733.44   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 108        |         | %     |
| Terbium    | 159-2 |          |          |          | 118        |         | %     |
| Thallium   | 203-1 | 0.03     | 0.03     | 0.03     | 0.03       | 12.33   | ppb   |
| Thallium   | 205-1 | 0.04     | 0.04     | 0.03     | 0.04       | 20.29   | ppb   |
| Tin        | 118-1 | -0.07    | -0.07    | -0.08    | -0.07      |         | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149788BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB149788BL          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 13:08:27 | DataFile Name :   | 043CCBE.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 0.25    | 0.06    | 0.17    | 0.16       | 58.08   | ppb   |
| Uranium   | 238-1 | 0.01    | 0.00    | 0.00    | 0.01       | 93.51   | ppb   |
| Vanadium  | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | 106.81  | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 114        |         | %     |
| Yttrium   | 89-2  |         |         |         | 118        |         | %     |
| Zinc      | 66-2  | 0.21    | 0.11    | 0.05    | 0.12       | 66.54   | ppb   |
| Zirconium | 90-1  | 0.02    | 0.00    | 0.01    | 0.01       | 70.82   | ppb   |
| Zirconium | 91-1  | 0.01    | 0.02    | 0.01    | 0.02       | 38.75   | ppb   |



|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149788BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB149788BS          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 13:11:37 | DataFile Name :   | 044LCSW.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 10442.41 | 10030.48 | 9739.86  | 10070.92   | 3.51    | ppb   |
| Antimony   | 121-1 | 533.88   | 484.60   | 373.14   | 463.87     | 17.75   | ppb   |
| Arsenic    | 75-2  | 489.31   | 467.12   | 479.28   | 478.57     | 2.32    | ppb   |
| Barium     | 135-1 | 2602.72  | 2288.97  | 1810.80  | 2234.16    | 17.85   | ppb   |
| Barium     | 137-1 | 2633.39  | 2326.14  | 1801.15  | 2253.56    | 18.67   | ppb   |
| Beryllium  | 9-1   | 520.30   | 472.22   | 384.37   | 458.96     | 15.02   | ppb   |
| Bismuth    | 209-1 |          |          |          | 115        |         | %     |
| Bismuth    | 209-2 |          |          |          | 104        |         | %     |
| Boron      | 10-1  | 623.96   | 622.96   | 510.53   | 585.81     | 11.13   | ppb   |
| Boron      | 11-1  | 624.57   | 638.67   | 513.03   | 592.09     | 11.63   | ppb   |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Cadmium    | 111-1 | 545.40   | 475.24   | 361.97   | 460.87     | 20.08   | ppb   |
| Cadmium    | 106-1 | 553.23   | 486.26   | 374.56   | 471.35     | 19.15   | ppb   |
| Cadmium    | 108-1 | 543.27   | 471.72   | 368.75   | 461.25     | 19.02   | ppb   |
| Calcium    | 43-1  | 60713.12 | 54862.42 | 43838.08 | 53137.88   | 16.13   | ppb   |
| Calcium    | 44-1  | 54819.66 | 50132.71 | 38825.85 | 47926.07   | 17.16   | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Carbon     | 12-2  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-2  |          |          |          |            |         | cps   |
| Chromium   | 52-2  | 466.32   | 449.06   | 434.48   | 449.95     | 3.54    | ppb   |
| Cobalt     | 59-2  | 500.98   | 488.17   | 468.17   | 485.77     | 3.40    | ppb   |
| Copper     | 63-2  | 4956.41  | 4749.44  | 4695.06  | 4800.30    | 2.87    | 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 |          |          |          | 119        |         | %     |
| Holmium    | 165-2 |          |          |          | 111        |         | %     |
| Indium     | 115-1 |          |          |          | 116        |         | %     |
| Indium     | 115-2 |          |          |          | 103        |         | %     |
| Iron       | 54-2  | 28502.20 | 27992.00 | 25989.47 | 27494.56   | 4.83    | ppb   |
| Iron       | 56-2  | 27183.40 | 26828.40 | 25424.35 | 26478.72   | 3.51    | ppb   |
| Iron       | 57-2  | 25685.77 | 24826.28 | 24035.44 | 24849.16   | 3.32    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149788BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB149788BS          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 13:11:37 | DataFile Name :   | 044LCSW.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 2542.16  | 2391.40  | 1850.06  | 2261.21    | 16.10   | ppb   |
| Lead       | 207-1 | 2471.34  | 2379.47  | 1837.24  | 2229.35    | 15.37   | ppb   |
| Lead       | 208-1 | 2524.55  | 2374.65  | 1840.61  | 2246.60    | 16.00   | ppb   |
| Lithium    | 6-1   |          |          |          | 112        |         | %     |
| Magnesium  | 24-2  | 54757.25 | 52230.51 | 50098.80 | 52362.19   | 4.45    | ppb   |
| Manganese  | 55-2  | 4890.17  | 4827.46  | 4586.80  | 4768.14    | 3.36    | ppb   |
| Molybdenum | 94-1  | 5000.47  | 4672.06  | 3632.94  | 4435.16    | 16.10   | ppb   |
| Molybdenum | 95-1  | 4929.09  | 4670.56  | 3557.25  | 4385.63    | 16.62   | ppb   |
| Molybdenum | 96-1  | 4893.97  | 4528.74  | 3596.11  | 4339.61    | 15.42   | ppb   |
| Molybdenum | 97-1  | 4951.99  | 4523.44  | 3561.67  | 4345.70    | 16.38   | ppb   |
| Molybdenum | 98-1  | 4922.68  | 4520.83  | 3516.11  | 4319.88    | 16.77   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 490.76   | 475.98   | 451.15   | 472.63     | 4.23    | ppb   |
| Phosphorus | 31-2  | 9938.34  | 9635.82  | 9441.51  | 9671.89    | 2.59    | ppb   |
| Potassium  | 39-2  | 26408.67 | 24276.52 | 23634.58 | 24773.26   | 5.86    | ppb   |
| Rhodium    | 103-1 |          |          |          | 116        |         | %     |
| Rhodium    | 103-2 |          |          |          | 103        |         | %     |
| Scandium   | 45-1  |          |          |          | 117        |         | %     |
| Scandium   | 45-2  |          |          |          | 107        |         | %     |
| Selenium   | 82-1  | 513.45   | 472.33   | 382.90   | 456.23     | 14.63   | ppb   |
| Selenium   | 77-2  | 510.90   | 494.13   | 480.40   | 495.14     | 3.09    | ppb   |
| Selenium   | 78-2  | 514.96   | 480.61   | 496.96   | 497.51     | 3.45    | ppb   |
| Silicon    | 28-1  | 947.94   | 831.68   | 676.36   | 818.66     | 16.64   | ppb   |
| Silver     | 107-1 | 561.84   | 486.85   | 388.12   | 478.93     | 18.19   | ppb   |
| Silver     | 109-1 | 539.00   | 485.49   | 378.78   | 467.75     | 17.44   | ppb   |
| Sodium     | 23-2  | 52412.29 | 50696.21 | 49204.59 | 50771.03   | 3.16    | ppb   |
| Strontium  | 86-1  | 12406.87 | 11208.00 | 9201.13  | 10938.66   | 14.81   | ppb   |
| Strontium  | 88-1  | 12639.95 | 11581.88 | 9152.14  | 11124.65   | 16.08   | ppb   |
| Sulfur     | 34-1  | 12420.74 | 9942.82  | 6470.68  | 9611.42    | 31.10   | ppb   |
| Terbium    | 159-1 |          |          |          | 119        |         | %     |
| Terbium    | 159-2 |          |          |          | 111        |         | %     |
| Thallium   | 203-1 | 522.55   | 473.40   | 378.37   | 458.11     | 16.00   | ppb   |
| Thallium   | 205-1 | 506.62   | 490.16   | 375.98   | 457.59     | 15.55   | ppb   |
| Tin        | 118-1 | 555.61   | 487.51   | 375.47   | 472.86     | 19.23   | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149788BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB149788BS          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 13:11:37 | DataFile Name :   | 044LCSW.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 5208.49 | 4646.16 | 3598.82 | 4484.49    | 18.22   | ppb   |
| Uranium   | 238-1 | 492.45  | 449.89  | 358.12  | 433.48     | 15.84   | ppb   |
| Vanadium  | 51-2  | 471.05  | 450.29  | 441.60  | 454.31     | 3.33    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 122        |         | %     |
| Yttrium   | 89-2  |         |         |         | 108        |         | %     |
| Zinc      | 66-2  | 5165.26 | 4917.03 | 4713.83 | 4932.04    | 4.58    | ppb   |
| Zirconium | 90-1  | 510.98  | 464.46  | 368.45  | 447.97     | 16.22   | ppb   |
| Zirconium | 91-1  | 515.83  | 471.79  | 367.24  | 451.62     | 16.90   | ppb   |

|                        |                     |                   |          |
|------------------------|---------------------|-------------------|----------|
| LB Number :            | LB123428            | Operator :        | Jaswal   |
| Lab Sample ID :        | CCV26               | Instrumnet Name : | P8       |
| Client Sample ID :     | CCV26               | Dilution Factor : | 1        |
| Date & Time Acquired : | 2022-12-22 13:14:36 | DataFile Name :   | 045CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 53124.46  | 53022.87  | 52102.15  | 52749.83   | 1.07    | ppb   |
| Antimony   | 121-1 | 492.51    | 490.69    | 484.38    | 489.19     | 0.87    | ppb   |
| Arsenic    | 75-2  | 478.10    | 498.06    | 491.30    | 489.15     | 2.08    | ppb   |
| Barium     | 135-1 | 2582.23   | 2492.97   | 2513.67   | 2529.62    | 1.85    | ppb   |
| Barium     | 137-1 | 2541.75   | 2440.82   | 2471.24   | 2484.60    | 2.08    | ppb   |
| Beryllium  | 9-1   | 480.63    | 477.78    | 488.02    | 482.15     | 1.10    | ppb   |
| Bismuth    | 209-1 |           |           |           | 98         |         | %     |
| Bismuth    | 209-2 |           |           |           | 95         |         | %     |
| Boron      | 10-1  | 678.94    | 685.33    | 723.79    | 696.02     | 3.49    | ppb   |
| Boron      | 11-1  | 684.70    | 696.05    | 721.81    | 700.85     | 2.71    | ppb   |
| Bromine    | 81-1  |           |           |           |            |         | cps   |
| Cadmium    | 111-1 | 478.50    | 468.92    | 490.00    | 479.14     | 2.20    | ppb   |
| Cadmium    | 106-1 | 494.16    | 489.25    | 497.77    | 493.73     | 0.87    | ppb   |
| Cadmium    | 108-1 | 492.56    | 484.70    | 500.06    | 492.44     | 1.56    | ppb   |
| Calcium    | 43-1  | 244818.46 | 245017.98 | 249716.57 | 246517.67  | 1.12    | ppb   |
| Calcium    | 44-1  | 240247.68 | 237998.88 | 242638.74 | 240295.10  | 0.97    | ppb   |
| Carbon     | 12-1  |           |           |           |            |         | cps   |
| Carbon     | 12-2  |           |           |           |            |         | cps   |
| Chlorine   | 35-1  |           |           |           |            |         | cps   |
| Chlorine   | 35-2  |           |           |           |            |         | cps   |
| Chromium   | 52-2  | 469.99    | 472.19    | 458.23    | 466.81     | 1.61    | ppb   |
| Cobalt     | 59-2  | 486.89    | 494.08    | 481.61    | 487.53     | 1.28    | ppb   |
| Copper     | 63-2  | 4879.10   | 5000.65   | 4940.43   | 4940.06    | 1.23    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 110        |         | %     |
| Holmium    | 165-2 |           |           |           | 106        |         | %     |
| Indium     | 115-1 |           |           |           | 103        |         | %     |
| Indium     | 115-2 |           |           |           | 99         |         | %     |
| Iron       | 54-2  | 132045.81 | 132817.66 | 127945.45 | 130936.31  | 2.00    | ppb   |
| Iron       | 56-2  | 131601.35 | 131721.19 | 130214.13 | 131178.89  | 0.64    | ppb   |
| Iron       | 57-2  | 129903.98 | 127436.70 | 129165.53 | 128835.40  | 0.98    | ppb   |

|                        |                     |                   |          |
|------------------------|---------------------|-------------------|----------|
| LB Number :            | LB123428            | Operator :        | Jaswal   |
| Lab Sample ID :        | CCV26               | Instrumnet Name : | P8       |
| Client Sample ID :     | CCV26               | Dilution Factor : | 1        |
| Date & Time Acquired : | 2022-12-22 13:14:36 | DataFile Name :   | 045CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Krypton    | 83-1  |           |           |           |            |         | cps   |
| Lead       | 206-1 | 2510.62   | 2427.93   | 2590.68   | 2509.74    | 3.24    | ppb   |
| Lead       | 207-1 | 2517.03   | 2534.79   | 2653.39   | 2568.40    | 2.89    | ppb   |
| Lead       | 208-1 | 2523.34   | 2502.92   | 2598.11   | 2541.46    | 1.97    | ppb   |
| Lithium    | 6-1   |           |           |           | 100        |         | %     |
| Magnesium  | 24-2  | 264542.85 | 258309.79 | 254573.62 | 259142.09  | 1.94    | ppb   |
| Manganese  | 55-2  | 4912.77   | 4890.21   | 4823.13   | 4875.37    | 0.96    | ppb   |
| Molybdenum | 94-1  | 5080.63   | 4912.52   | 4817.77   | 4936.97    | 2.70    | ppb   |
| Molybdenum | 95-1  | 5002.36   | 4764.05   | 4925.76   | 4897.39    | 2.48    | ppb   |
| Molybdenum | 96-1  | 4999.95   | 4814.80   | 4848.41   | 4887.72    | 2.02    | ppb   |
| Molybdenum | 97-1  | 5036.37   | 4879.48   | 4778.45   | 4898.10    | 2.65    | ppb   |
| Molybdenum | 98-1  | 4990.78   | 4806.89   | 4830.24   | 4875.97    | 2.05    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 489.29    | 491.55    | 485.76    | 488.87     | 0.60    | ppb   |
| Phosphorus | 31-2  | 9649.14   | 9631.14   | 9525.19   | 9601.82    | 0.70    | ppb   |
| Potassium  | 39-2  | 122595.01 | 125334.57 | 125046.59 | 124325.39  | 1.21    | ppb   |
| Rhodium    | 103-1 |           |           |           | 101        |         | %     |
| Rhodium    | 103-2 |           |           |           | 95         |         | %     |
| Scandium   | 45-1  |           |           |           | 106        |         | %     |
| Scandium   | 45-2  |           |           |           | 105        |         | %     |
| Selenium   | 82-1  | 483.51    | 471.86    | 474.42    | 476.60     | 1.28    | ppb   |
| Selenium   | 77-2  | 506.08    | 506.72    | 453.17    | 488.66     | 6.29    | ppb   |
| Selenium   | 78-2  | 502.24    | 510.09    | 488.35    | 500.23     | 2.20    | ppb   |
| Silicon    | 28-1  | 930.30    | 903.26    | 920.77    | 918.11     | 1.49    | ppb   |
| Silver     | 107-1 | 499.13    | 500.93    | 517.52    | 505.86     | 2.00    | ppb   |
| Silver     | 109-1 | 503.14    | 495.83    | 498.67    | 499.21     | 0.74    | ppb   |
| Sodium     | 23-2  | 258488.38 | 251811.26 | 254188.95 | 254829.53  | 1.33    | ppb   |
| Strontium  | 86-1  | 12132.77  | 12113.07  | 11896.33  | 12047.39   | 1.09    | ppb   |
| Strontium  | 88-1  | 12327.30  | 12045.06  | 12167.14  | 12179.83   | 1.16    | ppb   |
| Sulfur     | 34-1  | 10918.95  | 10475.48  | 10735.90  | 10710.11   | 2.08    | ppb   |
| Terbium    | 159-1 |           |           |           | 107        |         | %     |
| Terbium    | 159-2 |           |           |           | 106        |         | %     |
| Thallium   | 203-1 | 526.96    | 504.56    | 530.05    | 520.52     | 2.67    | ppb   |
| Thallium   | 205-1 | 506.75    | 491.80    | 528.87    | 509.14     | 3.66    | ppb   |
| Tin        | 118-1 | 490.43    | 490.27    | 497.88    | 492.86     | 0.88    | ppb   |

|                        |                     |                   |          |
|------------------------|---------------------|-------------------|----------|
| LB Number :            | LB123428            | Operator :        | Jaswal   |
| Lab Sample ID :        | CCV26               | Instrumnet Name : | P8       |
| Client Sample ID :     | CCV26               | Dilution Factor : | 1        |
| Date & Time Acquired : | 2022-12-22 13:14:36 | DataFile Name :   | 045CCV.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | 4885.10 | 4900.31 | 4839.12 | 4874.84    | 0.65    | ppb   |
| Uranium   | 238-1 | 510.29  | 503.39  | 524.52  | 512.73     | 2.10    | ppb   |
| Vanadium  | 51-2  | 482.76  | 478.78  | 472.33  | 477.96     | 1.10    | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 110        |         | %     |
| Yttrium   | 89-2  |         |         |         | 104        |         | %     |
| Zinc      | 66-2  | 4856.07 | 4842.15 | 4835.68 | 4844.63    | 0.22    | ppb   |
| Zirconium | 90-1  | 502.82  | 500.61  | 504.30  | 502.58     | 0.37    | ppb   |
| Zirconium | 91-1  | 499.04  | 496.56  | 513.81  | 503.14     | 1.85    | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | CCB26               | Instrumnet Name : | P8        |
| Client Sample ID :     | CCB26               | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 13:22:54 | DataFile Name :   | 046CCBE.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.43    | 2.12    | 2.71    | 2.42       | 12.13   | ppb   |
| Antimony   | 121-1 | 0.07    | 0.08    | 0.12    | 0.09       | 30.64   | ppb   |
| Arsenic    | 75-2  | 0.00    | 0.00    | 0.01    | 0.00       | 321.24  | ppb   |
| Barium     | 135-1 | 0.02    | 0.02    | 0.04    | 0.03       | 32.06   | ppb   |
| Barium     | 137-1 | 0.01    | 0.02    | 0.01    | 0.02       | 40.90   | ppb   |
| Beryllium  | 9-1   | 0.04    | 0.04    | 0.04    | 0.04       | 6.29    | ppb   |
| Bismuth    | 209-1 |         |         |         | 112        |         | %     |
| Bismuth    | 209-2 |         |         |         | 108        |         | %     |
| Boron      | 10-1  | 21.61   | 21.36   | 21.20   | 21.39      | 0.95    | ppb   |
| Boron      | 11-1  | 23.76   | 23.53   | 22.88   | 23.39      | 1.96    | ppb   |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Cadmium    | 111-1 | -0.10   | -0.14   | -0.12   | -0.12      |         | ppb   |
| Cadmium    | 106-1 | -1.62   | -2.25   | -1.75   | -1.87      |         | ppb   |
| Cadmium    | 108-1 | -0.20   | -0.23   | -0.03   | -0.16      |         | ppb   |
| Calcium    | 43-1  | 1.57    | 2.00    | 0.53    | 1.37       | 55.26   | ppb   |
| Calcium    | 44-1  | -1.26   | -1.20   | -0.88   | -1.11      |         | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 0.03    | 0.02    | 0.04    | 0.03       | 26.37   | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.01    | 0.00       | 27.16   | ppb   |
| Copper     | 63-2  | 0.07    | 0.04    | 0.05    | 0.05       | 21.69   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 109        |         | %     |
| Holmium    | 165-2 |         |         |         | 109        |         | %     |
| Indium     | 115-1 |         |         |         | 109        |         | %     |
| Indium     | 115-2 |         |         |         | 107        |         | %     |
| Iron       | 54-2  | 0.34    | -0.11   | 0.70    | 0.31       | 129.85  | ppb   |
| Iron       | 56-2  | 0.95    | 0.70    | 0.66    | 0.77       | 20.15   | ppb   |
| Iron       | 57-2  | -1.12   | -0.79   | -0.91   | -0.94      |         | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | CCB26               | Instrumnet Name : | P8        |
| Client Sample ID :     | CCB26               | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 13:22:54 | DataFile Name :   | 046CCBE.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Krypton    | 83-1  |          |          |          |            |         | cps   |
| Lead       | 206-1 | 0.05     | 0.09     | 0.05     | 0.06       | 34.17   | ppb   |
| Lead       | 207-1 | 0.08     | 0.10     | 0.04     | 0.07       | 45.59   | ppb   |
| Lead       | 208-1 | 0.06     | 0.07     | 0.04     | 0.06       | 24.57   | ppb   |
| Lithium    | 6-1   |          |          |          | 105        |         | %     |
| Magnesium  | 24-2  | 1.51     | 1.25     | 0.48     | 1.08       | 49.42   | ppb   |
| Manganese  | 55-2  | 0.04     | 0.01     | 0.04     | 0.03       | 57.83   | ppb   |
| Molybdenum | 94-1  | 0.07     | 0.08     | 0.10     | 0.08       | 21.80   | ppb   |
| Molybdenum | 95-1  | 0.08     | 0.08     | 0.12     | 0.09       | 23.72   | ppb   |
| Molybdenum | 96-1  | 0.11     | 0.08     | 0.08     | 0.09       | 19.26   | ppb   |
| Molybdenum | 97-1  | 0.09     | 0.08     | 0.09     | 0.09       | 3.68    | ppb   |
| Molybdenum | 98-1  | 0.09     | 0.09     | 0.09     | 0.09       | 3.18    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | -0.01    | -0.01    | -0.02    | -0.01      |         | ppb   |
| Phosphorus | 31-2  | -8.18    | 0.31     | -14.03   | -7.30      |         | ppb   |
| Potassium  | 39-2  | -0.84    | -1.81    | -0.53    | -1.06      |         | ppb   |
| Rhodium    | 103-1 |          |          |          | 112        |         | %     |
| Rhodium    | 103-2 |          |          |          | 106        |         | %     |
| Scandium   | 45-1  |          |          |          | 106        |         | %     |
| Scandium   | 45-2  |          |          |          | 106        |         | %     |
| Selenium   | 82-1  | -0.19    | -0.17    | 0.12     | -0.08      |         | ppb   |
| Selenium   | 77-2  | -0.23    | -0.23    | -0.23    | -0.23      |         | ppb   |
| Selenium   | 78-2  | -0.26    | -0.57    | -0.13    | -0.32      |         | ppb   |
| Silicon    | 28-1  | -2.03    | -1.78    | -1.59    | -1.80      |         | ppb   |
| Silver     | 107-1 | 0.05     | 0.07     | 0.08     | 0.07       | 23.54   | ppb   |
| Silver     | 109-1 | 0.06     | 0.07     | 0.06     | 0.06       | 4.39    | ppb   |
| Sodium     | 23-2  | 11.01    | 12.00    | 14.12    | 12.38      | 12.83   | ppb   |
| Strontium  | 86-1  | 0.10     | 0.07     | 0.07     | 0.08       | 20.94   | ppb   |
| Strontium  | 88-1  | 0.13     | 0.09     | 0.08     | 0.10       | 23.34   | ppb   |
| Sulfur     | 34-1  | -1484.47 | -1193.08 | -1260.98 | -1312.84   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 110        |         | %     |
| Terbium    | 159-2 |          |          |          | 110        |         | %     |
| Thallium   | 203-1 | 0.05     | 0.04     | 0.04     | 0.05       | 15.55   | ppb   |
| Thallium   | 205-1 | 0.06     | 0.06     | 0.05     | 0.06       | 8.13    | ppb   |
| Tin        | 118-1 | -0.02    | -0.04    | -0.03    | -0.03      |         | ppb   |



|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | CCB26               | Instrumnet Name : | P8        |
| Client Sample ID :     | CCB26               | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 13:22:54 | DataFile Name :   | 046CCBE.d |

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Titanium  | 47-1  | -0.01   | 0.13    | 0.05    | 0.06       | 124.86  | ppb   |
| Uranium   | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 26.48   | ppb   |
| Vanadium  | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | 84.11   | ppb   |
| Ytterbium | 172-1 |         |         |         |            |         | cps   |
| Ytterbium | 172-2 |         |         |         |            |         | cps   |
| Ytterbium | 176-1 |         |         |         |            |         | cps   |
| Ytterbium | 176-2 |         |         |         |            |         | cps   |
| Yttrium   | 89-1  |         |         |         | 113        |         | %     |
| Yttrium   | 89-2  |         |         |         | 107        |         | %     |
| Zinc      | 66-2  | 0.50    | 0.48    | 0.53    | 0.50       | 5.67    | ppb   |
| Zirconium | 90-1  | 0.02    | 0.01    | 0.02    | 0.02       | 31.09   | ppb   |
| Zirconium | 91-1  | 0.01    | 0.01    | 0.02    | 0.01       | 47.62   | ppb   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | S0                  | Instrumnet Name : | P8        |
| Client Sample ID :     | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 10:07:34 | DataFile Name :   | 004CALB.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 96      | 64      | 76      | 79      | 20.82  | cps   |
| Antimony   | 121-1 | 33      | 25      | 8       | 22      | 57.29  | cps   |
| Arsenic    | 75-2  | 7       | 5       | 2       | 5       | 53.93  | cps   |
| Barium     | 135-1 | 0       | 25      | 8       | 11      | 114.58 | cps   |
| Barium     | 137-1 | 50      | 17      | 58      | 42      | 52.91  | cps   |
| Beryllium  | 9-1   | 36      | 20      | 25      | 27      | 30.73  | cps   |
| Bismuth    | 209-1 | 4810652 | 5047923 | 5179302 | 5012626 | 3.73   | cps   |
| Bismuth    | 209-2 | 2687115 | 2718496 | 2692970 | 2699527 | 0.62   | cps   |
| Boron      | 10-1  | 340     | 286     | 336     | 321     | 9.38   | cps   |
| Boron      | 11-1  | 1378    | 1438    | 1358    | 1391    | 2.99   | cps   |
| Bromine    | 81-1  | 45593   | 46456   | 45503   | 45851   | 1.15   | cps   |
| Cadmium    | 111-1 | 2914    | 2950    | 2662    | 2842    | 5.52   | cps   |
| Cadmium    | 106-1 | 4184    | 4251    | 3784    | 4073    | 6.20   | cps   |
| Cadmium    | 108-1 | 33      | 54      | 17      | 35      | 54.11  | cps   |
| Calcium    | 43-1  | 172     | 155     | 149     | 159     | 7.76   | cps   |
| Calcium    | 44-1  | 11539   | 11503   | 11638   | 11560   | 0.60   | cps   |
| Carbon     | 12-1  | 6234022 | 6184460 | 6262378 | 6226953 | 0.63   | cps   |
| Carbon     | 12-2  | 75008   | 75402   | 73710   | 74707   | 1.19   | cps   |
| Chlorine   | 35-1  | 102931  | 103175  | 101052  | 102386  | 1.13   | cps   |
| Chlorine   | 35-2  | 667     | 792     | 642     | 700     | 11.48  | cps   |
| Chromium   | 52-2  | 707     | 587     | 697     | 663     | 10.04  | cps   |
| Cobalt     | 59-2  | 73      | 97      | 83      | 84      | 13.87  | cps   |
| Copper     | 63-2  | 1007    | 977     | 917     | 967     | 4.74   | cps   |
| Dysprosium | 156-1 | 0       | 17      | 8       | 8       | 100.02 | cps   |
| Dysprosium | 156-2 | 3       | 7       | 0       | 3       | 100.05 | cps   |
| Erbium     | 164-1 | 50      | 75      | 75      | 67      | 21.65  | cps   |
| Erbium     | 164-2 | 20      | 37      | 13      | 23      | 51.52  | cps   |
| Gadolinium | 160-1 | 75      | 100     | 58      | 78      | 26.96  | cps   |
| Gadolinium | 160-2 | 133     | 113     | 90      | 112     | 19.33  | cps   |
| Holmium    | 165-1 | 8161799 | 7782010 | 7905640 | 7949816 | 2.44   | cps   |
| Holmium    | 165-2 | 3640034 | 3498707 | 3604771 | 3581171 | 2.05   | cps   |
| Indium     | 115-1 | 7158469 | 7141460 | 7147644 | 7149191 | 0.12   | cps   |
| Indium     | 115-2 | 1129338 | 1121354 | 1132288 | 1127660 | 0.50   | cps   |
| Iron       | 54-2  | 667     | 678     | 689     | 678     | 1.64   | cps   |
| Iron       | 56-2  | 4212    | 4123    | 3934    | 4090    | 3.47   | cps   |
| Iron       | 57-2  | 239     | 289     | 300     | 276     | 11.80  | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | S0                  | Instrumnet Name : | P8        |
| Client Sample ID :     | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 10:07:34 | DataFile Name :   | 004CALB.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Krypton    | 83-1  | 247     | 267     | 315     | 277     | 12.53  | cps   |
| Lead       | 206-1 | 567     | 622     | 511     | 567     | 9.80   | cps   |
| Lead       | 207-1 | 528     | 500     | 556     | 528     | 5.26   | cps   |
| Lead       | 208-1 | 2472    | 2300    | 2367    | 2380    | 3.65   | cps   |
| Lithium    | 6-1   | 4578847 | 4587611 | 4691507 | 4619322 | 1.36   | cps   |
| Magnesium  | 24-2  | 300     | 433     | 408     | 381     | 18.62  | cps   |
| Manganese  | 55-2  | 47      | 70      | 57      | 58      | 20.26  | cps   |
| Molybdenum | 94-1  | 158     | 192     | 108     | 153     | 27.45  | cps   |
| Molybdenum | 95-1  | 0       | 17      | 25      | 14      | 91.65  | cps   |
| Molybdenum | 96-1  | 133     | 158     | 142     | 144     | 8.81   | cps   |
| Molybdenum | 97-1  | 8       | 25      | 0       | 11      | 114.58 | cps   |
| Molybdenum | 98-1  | 50      | 50      | 92      | 64      | 37.75  | cps   |
| Neodymium  | 150-1 | 7       | 20      | 0       | 9       | 114.55 | cps   |
| Neodymium  | 150-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 57      | 53      | 50      | 53      | 6.25   | cps   |
| Phosphorus | 31-2  | 167     | 150     | 117     | 144     | 17.62  | cps   |
| Potassium  | 39-2  | 22852   | 22452   | 23720   | 23008   | 2.82   | cps   |
| Rhodium    | 103-1 | 6859475 | 6896411 | 6653316 | 6803067 | 1.93   | cps   |
| Rhodium    | 103-2 | 3237791 | 3196922 | 3244600 | 3226438 | 0.80   | cps   |
| Scandium   | 45-1  | 5540146 | 5589422 | 5555963 | 5561844 | 0.45   | cps   |
| Scandium   | 45-2  | 200001  | 198643  | 199501  | 199382  | 0.34   | cps   |
| Selenium   | 82-1  | 61      | 41      | 9       | 37      | 71.47  | cps   |
| Selenium   | 77-2  | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 74      | 81      | 68      | 74      | 8.75   | cps   |
| Silicon    | 28-1  | 812624  | 800359  | 810090  | 807691  | 0.80   | cps   |
| Silver     | 107-1 | 333     | 350     | 383     | 356     | 7.16   | cps   |
| Silver     | 109-1 | 292     | 342     | 325     | 319     | 7.97   | cps   |
| Sodium     | 23-2  | 28637   | 28103   | 29280   | 28673   | 2.06   | cps   |
| Strontium  | 86-1  | 475     | 475     | 492     | 481     | 2.00   | cps   |
| Strontium  | 88-1  | 300     | 225     | 225     | 250     | 17.32  | cps   |
| Sulfur     | 34-1  | 427720  | 425345  | 425843  | 426302  | 0.29   | cps   |
| Terbium    | 159-1 | 8407263 | 8394281 | 8169674 | 8323739 | 1.60   | cps   |
| Terbium    | 159-2 | 3475932 | 3626190 | 3467190 | 3523104 | 2.54   | cps   |
| Thallium   | 203-1 | 92      | 133     | 117     | 114     | 18.41  | cps   |
| Thallium   | 205-1 | 258     | 192     | 225     | 225     | 14.81  | cps   |
| Tin        | 118-1 | 967     | 975     | 850     | 931     | 7.51   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | S0                  | Instrumnet Name : | P8        |
| Client Sample ID :     | S0                  | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 10:07:34 | DataFile Name :   | 004CALB.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 308      | 233      | 258      | 267      | 14.32  | cps   |
| Uranium   | 238-1 | 8        | 58       | 42       | 36       | 70.51  | cps   |
| Vanadium  | 51-2  | 3        | 10       | 3        | 6        | 69.34  | cps   |
| Ytterbium | 172-1 | 25       | 42       | 58       | 42       | 40.00  | cps   |
| Ytterbium | 172-2 | 11       | 22       | 17       | 17       | 33.33  | cps   |
| Ytterbium | 176-1 | 1400     | 1317     | 1225     | 1314     | 6.66   | cps   |
| Ytterbium | 176-2 | 7897     | 8414     | 8714     | 8342     | 4.96   | cps   |
| Yttrium   | 89-1  | 12178571 | 12311036 | 12138243 | 12209283 | 0.74   | cps   |
| Yttrium   | 89-2  | 1438324  | 1435181  | 1484619  | 1452708  | 1.91   | cps   |
| Zinc      | 66-2  | 133      | 147      | 153      | 144      | 7.05   | cps   |
| Zirconium | 90-1  | 425      | 575      | 408      | 469      | 19.55  | cps   |
| Zirconium | 91-1  | 92       | 58       | 133      | 94       | 39.79  | cps   |

|                        |                     |                   |            |
|------------------------|---------------------|-------------------|------------|
| LB Number :            | LB123428            | Operator :        | Jaswal     |
| Lab Sample ID :        | S2                  | Instrumnet Name : | P8         |
| Client Sample ID :     | S2                  | Dilution Factor : | 1          |
| Date & Time Acquired : | 2022-12-22 10:10:43 | DataFile Name :   | 005CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 1486    | 1460    | 1550    | 1499    | 3.09   | cps   |
| Antimony   | 121-1 | 10162   | 11046   | 10179   | 10463   | 4.83   | cps   |
| Arsenic    | 75-2  | 185     | 196     | 209     | 197     | 6.11   | cps   |
| Barium     | 135-1 | 12965   | 12823   | 12381   | 12723   | 2.39   | cps   |
| Barium     | 137-1 | 22670   | 23722   | 21902   | 22764   | 4.01   | cps   |
| Beryllium  | 9-1   | 3415    | 3406    | 3275    | 3365    | 2.33   | cps   |
| Bismuth    | 209-1 | 5208170 | 5058477 | 4989250 | 5085299 | 2.20   | cps   |
| Bismuth    | 209-2 | 2702707 | 2681498 | 2797460 | 2727222 | 2.26   | cps   |
| Boron      | 10-1  | 9869    | 10928   | 11168   | 10655   | 6.48   | cps   |
| Boron      | 11-1  | 43251   | 46167   | 47256   | 45558   | 4.55   | cps   |
| Bromine    | 81-1  | 46205   | 45813   | 45321   | 45780   | 0.97   | cps   |
| Cadmium    | 111-1 | 4745    | 4479    | 4704    | 4643    | 3.09   | cps   |
| Cadmium    | 106-1 | 4317    | 4201    | 4226    | 4248    | 1.45   | cps   |
| Cadmium    | 108-1 | 146     | 142     | 154     | 147     | 4.32   | cps   |
| Calcium    | 43-1  | 11872   | 11403   | 11431   | 11569   | 2.28   | cps   |
| Calcium    | 44-1  | 196163  | 199811  | 193798  | 196591  | 1.54   | cps   |
| Carbon     | 12-1  | 6292727 | 6341589 | 6223146 | 6285821 | 0.95   | cps   |
| Carbon     | 12-2  | 75971   | 76256   | 76373   | 76200   | 0.27   | cps   |
| Chlorine   | 35-1  | 109798  | 108001  | 109000  | 108933  | 0.83   | cps   |
| Chlorine   | 35-2  | 733     | 917     | 808     | 819     | 11.25  | cps   |
| Chromium   | 52-2  | 4247    | 4531    | 4597    | 4459    | 4.17   | cps   |
| Cobalt     | 59-2  | 3580    | 3611    | 3424    | 3538    | 2.83   | cps   |
| Copper     | 63-2  | 6492    | 6035    | 6325    | 6284    | 3.68   | cps   |
| Dysprosium | 156-1 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Dysprosium | 156-2 | 0       | 7       | 3       | 3       | 100.05 | cps   |
| Erbium     | 164-1 | 117     | 50      | 67      | 78      | 44.61  | cps   |
| Erbium     | 164-2 | 50      | 3       | 10      | 21      | 119.57 | cps   |
| Gadolinium | 160-1 | 67      | 83      | 58      | 69      | 18.34  | cps   |
| Gadolinium | 160-2 | 80      | 130     | 113     | 108     | 23.62  | cps   |
| Holmium    | 165-1 | 7947640 | 8285321 | 7956032 | 8062998 | 2.39   | cps   |
| Holmium    | 165-2 | 3734959 | 3672322 | 3510529 | 3639270 | 3.18   | cps   |
| Indium     | 115-1 | 7152323 | 7093908 | 6883141 | 7043124 | 2.01   | cps   |
| Indium     | 115-2 | 1141714 | 1142786 | 1132818 | 1139106 | 0.48   | cps   |
| Iron       | 54-2  | 5246    | 5095    | 4873    | 5071    | 3.69   | cps   |
| Iron       | 56-2  | 85238   | 82828   | 80806   | 82957   | 2.67   | cps   |
| Iron       | 57-2  | 2411    | 2256    | 2161    | 2276    | 5.55   | cps   |

|                        |                     |                   |            |
|------------------------|---------------------|-------------------|------------|
| LB Number :            | LB123428            | Operator :        | Jaswal     |
| Lab Sample ID :        | S2                  | Instrumnet Name : | P8         |
| Client Sample ID :     | S2                  | Dilution Factor : | 1          |
| Date & Time Acquired : | 2022-12-22 10:10:43 | DataFile Name :   | 005CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Krypton    | 83-1  | 307     | 299     | 297     | 301     | 1.81   | cps   |
| Lead       | 206-1 | 4590    | 4740    | 4490    | 4606    | 2.73   | cps   |
| Lead       | 207-1 | 4334    | 4206    | 4267    | 4269    | 1.50   | cps   |
| Lead       | 208-1 | 19367   | 19111   | 18806   | 19095   | 1.47   | cps   |
| Lithium    | 6-1   | 4652632 | 4656524 | 4502265 | 4603807 | 1.91   | cps   |
| Magnesium  | 24-2  | 93894   | 94506   | 91185   | 93195   | 1.90   | cps   |
| Manganese  | 55-2  | 1363    | 1210    | 1093    | 1222    | 11.08  | cps   |
| Molybdenum | 94-1  | 14366   | 13424   | 13657   | 13816   | 3.55   | cps   |
| Molybdenum | 95-1  | 16427   | 16577   | 16410   | 16471   | 0.56   | cps   |
| Molybdenum | 96-1  | 18746   | 18463   | 18496   | 18568   | 0.83   | cps   |
| Molybdenum | 97-1  | 10379   | 10046   | 9679    | 10034   | 3.49   | cps   |
| Molybdenum | 98-1  | 27527   | 25423   | 26132   | 26361   | 4.06   | cps   |
| Neodymium  | 150-1 | 7       | 0       | 13      | 7       | 99.98  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 967     | 1007    | 957     | 977     | 2.71   | cps   |
| Phosphorus | 31-2  | 225     | 192     | 342     | 253     | 31.16  | cps   |
| Potassium  | 39-2  | 86183   | 85880   | 87423   | 86496   | 0.95   | cps   |
| Rhodium    | 103-1 | 7058942 | 6959979 | 7030512 | 7016478 | 0.73   | cps   |
| Rhodium    | 103-2 | 3172716 | 3256274 | 3236391 | 3221794 | 1.35   | cps   |
| Scandium   | 45-1  | 5437889 | 5344825 | 5557352 | 5446689 | 1.96   | cps   |
| Scandium   | 45-2  | 198900  | 200982  | 202348  | 200743  | 0.86   | cps   |
| Selenium   | 82-1  | 745     | 811     | 779     | 778     | 4.26   | cps   |
| Selenium   | 77-2  | 17      | 13      | 20      | 17      | 20.01  | cps   |
| Selenium   | 78-2  | 161     | 130     | 152     | 148     | 10.80  | cps   |
| Silicon    | 28-1  | 877929  | 872737  | 871770  | 874145  | 0.38   | cps   |
| Silver     | 107-1 | 8378    | 9062    | 8686    | 8709    | 3.93   | cps   |
| Silver     | 109-1 | 8495    | 8561    | 7961    | 8339    | 3.95   | cps   |
| Sodium     | 23-2  | 200581  | 201555  | 196106  | 199414  | 1.46   | cps   |
| Strontium  | 86-1  | 2534    | 2700    | 2534    | 2589    | 3.72   | cps   |
| Strontium  | 88-1  | 18780   | 19247   | 19114   | 19047   | 1.26   | cps   |
| Sulfur     | 34-1  | 427704  | 429434  | 433928  | 430355  | 0.75   | cps   |
| Terbium    | 159-1 | 8376728 | 8397200 | 8382132 | 8385353 | 0.13   | cps   |
| Terbium    | 159-2 | 3584529 | 3684841 | 3660041 | 3643137 | 1.43   | cps   |
| Thallium   | 203-1 | 5560    | 5251    | 5051    | 5287    | 4.85   | cps   |
| Thallium   | 205-1 | 13015   | 12398   | 11989   | 12467   | 4.14   | cps   |
| Tin        | 118-1 | 25400   | 26050   | 25199   | 25550   | 1.74   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | S2                  | Instrumnet Name : | P8        |
| Client Sample ID :     | S2                  | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 10:10:43 | DataFile Name :   | 005CALS.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 6068     | 5685     | 4951     | 5568     | 10.19  | cps   |
| Uranium   | 238-1 | 16736    | 16762    | 16161    | 16553    | 2.05   | cps   |
| Vanadium  | 51-2  | 7689     | 7262     | 7419     | 7456     | 2.90   | cps   |
| Ytterbium | 172-1 | 42       | 42       | 58       | 47       | 20.37  | cps   |
| Ytterbium | 172-2 | 22       | 61       | 11       | 31       | 83.40  | cps   |
| Ytterbium | 176-1 | 1375     | 1467     | 1267     | 1370     | 7.31   | cps   |
| Ytterbium | 176-2 | 8575     | 8319     | 8597     | 8497     | 1.82   | cps   |
| Yttrium   | 89-1  | 12568316 | 12761043 | 12884625 | 12737995 | 1.25   | cps   |
| Yttrium   | 89-2  | 1490240  | 1461487  | 1446296  | 1466008  | 1.52   | cps   |
| Zinc      | 66-2  | 843      | 947      | 863      | 884      | 6.20   | cps   |
| Zirconium | 90-1  | 11113    | 11272    | 11205    | 11196    | 0.71   | cps   |
| Zirconium | 91-1  | 2575     | 2434     | 2717     | 2575     | 5.50   | cps   |

|                        |                     |                   |            |
|------------------------|---------------------|-------------------|------------|
| LB Number :            | LB123428            | Operator :        | Jaswal     |
| Lab Sample ID :        | S3                  | Instrumnet Name : | P8         |
| Client Sample ID :     | S3                  | Dilution Factor : | 1          |
| Date & Time Acquired : | 2022-12-22 10:13:54 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 77174   | 76013   | 75210   | 76133   | 1.30   | cps   |
| Antimony   | 121-1 | 289020  | 288877  | 285018  | 287638  | 0.79   | cps   |
| Arsenic    | 75-2  | 10043   | 9786    | 9912    | 9914    | 1.29   | cps   |
| Barium     | 135-1 | 359956  | 363595  | 352991  | 358847  | 1.50   | cps   |
| Barium     | 137-1 | 640774  | 646193  | 640297  | 642421  | 0.51   | cps   |
| Beryllium  | 9-1   | 168576  | 168565  | 167847  | 168329  | 0.25   | cps   |
| Bismuth    | 209-1 | 4987452 | 5203928 | 5228613 | 5139998 | 2.58   | cps   |
| Bismuth    | 209-2 | 2652125 | 2611266 | 2613218 | 2625536 | 0.88   | cps   |
| Boron      | 10-1  | 29664   | 32549   | 32273   | 31495   | 5.06   | cps   |
| Boron      | 11-1  | 131742  | 138825  | 141459  | 137342  | 3.66   | cps   |
| Bromine    | 81-1  | 47199   | 45401   | 42137   | 44912   | 5.71   | cps   |
| Cadmium    | 111-1 | 96528   | 98395   | 96938   | 97287   | 1.01   | cps   |
| Cadmium    | 106-1 | 15217   | 15142   | 14258   | 14872   | 3.59   | cps   |
| Cadmium    | 108-1 | 7469    | 7686    | 6877    | 7344    | 5.70   | cps   |
| Calcium    | 43-1  | 139705  | 139517  | 139177  | 139466  | 0.19   | cps   |
| Calcium    | 44-1  | 2219941 | 2217924 | 2110591 | 2182819 | 2.87   | cps   |
| Carbon     | 12-1  | 6858100 | 6950579 | 7044724 | 6951134 | 1.34   | cps   |
| Carbon     | 12-2  | 87133   | 87243   | 89061   | 87812   | 1.23   | cps   |
| Chlorine   | 35-1  | 115601  | 115853  | 115240  | 115564  | 0.27   | cps   |
| Chlorine   | 35-2  | 825     | 825     | 908     | 853     | 5.64   | cps   |
| Chromium   | 52-2  | 104696  | 102747  | 102729  | 103391  | 1.09   | cps   |
| Cobalt     | 59-2  | 184917  | 179980  | 178733  | 181210  | 1.80   | cps   |
| Copper     | 63-2  | 1552305 | 1445562 | 1395417 | 1464428 | 5.47   | cps   |
| Dysprosium | 156-1 | 42      | 33      | 42      | 39      | 12.38  | cps   |
| Dysprosium | 156-2 | 20      | 7       | 10      | 12      | 56.76  | cps   |
| Erbium     | 164-1 | 25      | 92      | 75      | 64      | 54.31  | cps   |
| Erbium     | 164-2 | 23      | 20      | 13      | 19      | 26.96  | cps   |
| Gadolinium | 160-1 | 100     | 83      | 83      | 89      | 10.82  | cps   |
| Gadolinium | 160-2 | 90      | 93      | 120     | 101     | 16.26  | cps   |
| Holmium    | 165-1 | 7903903 | 8292791 | 8067453 | 8088049 | 2.41   | cps   |
| Holmium    | 165-2 | 3461875 | 3775597 | 3559091 | 3598854 | 4.46   | cps   |
| Indium     | 115-1 | 6815861 | 7173011 | 7157911 | 7048928 | 2.87   | cps   |
| Indium     | 115-2 | 1104627 | 1125504 | 1098638 | 1109590 | 1.27   | cps   |
| Iron       | 54-2  | 245682  | 239024  | 238731  | 241146  | 1.63   | cps   |
| Iron       | 56-2  | 4577266 | 4399437 | 4439847 | 4472183 | 2.08   | cps   |
| Iron       | 57-2  | 110486  | 106987  | 106389  | 107954  | 2.05   | cps   |



|                        |                     |                   |            |
|------------------------|---------------------|-------------------|------------|
| LB Number :            | LB123428            | Operator :        | Jaswal     |
| Lab Sample ID :        | S3                  | Instrumnet Name : | P8         |
| Client Sample ID :     | S3                  | Dilution Factor : | 1          |
| Date & Time Acquired : | 2022-12-22 10:13:54 | DataFile Name :   | 006CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Krypton    | 83-1  | 276      | 304      | 322      | 301      | 7.73   | cps   |
| Lead       | 206-1 | 1162934  | 1185550  | 1147485  | 1165323  | 1.64   | cps   |
| Lead       | 207-1 | 1061737  | 1051889  | 1023759  | 1045795  | 1.88   | cps   |
| Lead       | 208-1 | 5003784  | 4997701  | 4869429  | 4956971  | 1.53   | cps   |
| Lithium    | 6-1   | 4647854  | 4541213  | 4561131  | 4583399  | 1.24   | cps   |
| Magnesium  | 24-2  | 1057813  | 1048001  | 1022331  | 1042715  | 1.76   | cps   |
| Manganese  | 55-2  | 568108   | 565622   | 554828   | 562853   | 1.25   | cps   |
| Molybdenum | 94-1  | 1224105  | 1253121  | 1234866  | 1237364  | 1.19   | cps   |
| Molybdenum | 95-1  | 1804809  | 1809619  | 1757741  | 1790723  | 1.60   | cps   |
| Molybdenum | 96-1  | 1914883  | 1965904  | 1886665  | 1922484  | 2.09   | cps   |
| Molybdenum | 97-1  | 1076484  | 1097592  | 1077913  | 1083996  | 1.09   | cps   |
| Molybdenum | 98-1  | 2800716  | 2820945  | 2731917  | 2784526  | 1.68   | cps   |
| Neodymium  | 150-1 | 13       | 33       | 53       | 33       | 60.01  | cps   |
| Neodymium  | 150-2 | 3        | 10       | 3        | 6        | 69.34  | cps   |
| Nickel     | 60-2  | 50703    | 49627    | 49814    | 50048    | 1.15   | cps   |
| Phosphorus | 31-2  | 5009     | 4551     | 4759     | 4773     | 4.81   | cps   |
| Potassium  | 39-2  | 371830   | 367473   | 371290   | 370197   | 0.64   | cps   |
| Rhodium    | 103-1 | 6968707  | 6987090  | 6867862  | 6941220  | 0.92   | cps   |
| Rhodium    | 103-2 | 3118387  | 3138795  | 3146584  | 3134589  | 0.46   | cps   |
| Scandium   | 45-1  | 5431377  | 5640620  | 5404178  | 5492058  | 2.36   | cps   |
| Scandium   | 45-2  | 199413   | 199852   | 198041   | 199102   | 0.47   | cps   |
| Selenium   | 82-1  | 8242     | 8395     | 8113     | 8250     | 1.72   | cps   |
| Selenium   | 77-2  | 240      | 223      | 257      | 240      | 6.94   | cps   |
| Selenium   | 78-2  | 928      | 902      | 958      | 929      | 3.02   | cps   |
| Silicon    | 28-1  | 2447271  | 2424293  | 2390041  | 2420535  | 1.19   | cps   |
| Silver     | 107-1 | 477487   | 474763   | 458188   | 470146   | 2.22   | cps   |
| Silver     | 109-1 | 447305   | 451776   | 442493   | 447192   | 1.04   | cps   |
| Sodium     | 23-2  | 1937300  | 1925151  | 1897608  | 1920020  | 1.06   | cps   |
| Strontium  | 86-1  | 2914179  | 3040169  | 3000833  | 2985060  | 2.16   | cps   |
| Strontium  | 88-1  | 25037572 | 25513129 | 24851727 | 25134143 | 1.36   | cps   |
| Sulfur     | 34-1  | 482958   | 491669   | 483148   | 485925   | 1.02   | cps   |
| Terbium    | 159-1 | 8249547  | 8394462  | 8384289  | 8342766  | 0.97   | cps   |
| Terbium    | 159-2 | 3476607  | 3711155  | 3592832  | 3593531  | 3.26   | cps   |
| Thallium   | 203-1 | 280699   | 277796   | 282463   | 280319   | 0.84   | cps   |
| Thallium   | 205-1 | 670900   | 687727   | 675730   | 678119   | 1.28   | cps   |
| Tin        | 118-1 | 263803   | 270061   | 266936   | 266934   | 1.17   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | S3                  | Instrumnet Name : | P8        |
| Client Sample ID :     | S3                  | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 10:13:54 | DataFile Name :   | 006CALS.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 596027   | 596020   | 586908   | 592985   | 0.89   | cps   |
| Uranium   | 238-1 | 915692   | 919438   | 906853   | 913994   | 0.71   | cps   |
| Vanadium  | 51-2  | 82794    | 83355    | 80143    | 82097    | 2.09   | cps   |
| Ytterbium | 172-1 | 58       | 50       | 58       | 56       | 8.66   | cps   |
| Ytterbium | 172-2 | 6        | 39       | 50       | 31       | 73.46  | cps   |
| Ytterbium | 176-1 | 2217     | 2425     | 2517     | 2386     | 6.44   | cps   |
| Ytterbium | 176-2 | 8686     | 8981     | 8636     | 8768     | 2.12   | cps   |
| Yttrium   | 89-1  | 12435836 | 12460918 | 12394554 | 12430436 | 0.27   | cps   |
| Yttrium   | 89-2  | 1407213  | 1443106  | 1419538  | 1423286  | 1.28   | cps   |
| Zinc      | 66-2  | 178717   | 175751   | 176564   | 177011   | 0.87   | cps   |
| Zirconium | 90-1  | 600525   | 602694   | 593219   | 598813   | 0.83   | cps   |
| Zirconium | 91-1  | 138563   | 136996   | 133052   | 136203   | 2.08   | cps   |

LB Number : LB123428 Operator : Jaswal  
 Lab Sample ID : S4 Instrumnet Name : P8  
 Client Sample ID : S4 Dilution Factor : 1  
 Date & Time Acquired : 2022-12-22 10:17:01 DataFile Name : 007CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 184384   | 176205   | 176786   | 179125   | 2.55   | cps   |
| Antimony   | 121-1 | 716999   | 697351   | 691240   | 701863   | 1.92   | cps   |
| Arsenic    | 75-2  | 24605    | 23822    | 23404    | 23944    | 2.55   | cps   |
| Barium     | 135-1 | 902782   | 869158   | 893036   | 888325   | 1.95   | cps   |
| Barium     | 137-1 | 1673375  | 1582477  | 1570692  | 1608848  | 3.49   | cps   |
| Beryllium  | 9-1   | 406540   | 412581   | 399993   | 406371   | 1.55   | cps   |
| Bismuth    | 209-1 | 5065103  | 5232385  | 5161145  | 5152878  | 1.63   | cps   |
| Bismuth    | 209-2 | 2543045  | 2567172  | 2640242  | 2583486  | 1.96   | cps   |
| Boron      | 10-1  | 76161    | 80201    | 79143    | 78502    | 2.67   | cps   |
| Boron      | 11-1  | 329008   | 352579   | 351457   | 344348   | 3.86   | cps   |
| Bromine    | 81-1  | 41516    | 43474    | 42590    | 42527    | 2.31   | cps   |
| Cadmium    | 111-1 | 233046   | 233813   | 229043   | 231967   | 1.10   | cps   |
| Cadmium    | 106-1 | 29583    | 31044    | 29591    | 30072    | 2.80   | cps   |
| Cadmium    | 108-1 | 17858    | 18433    | 18275    | 18189    | 1.64   | cps   |
| Calcium    | 43-1  | 346916   | 345533   | 337243   | 343230   | 1.52   | cps   |
| Calcium    | 44-1  | 5456896  | 5239030  | 5253725  | 5316550  | 2.29   | cps   |
| Carbon     | 12-1  | 6784574  | 6822960  | 7010894  | 6872809  | 1.76   | cps   |
| Carbon     | 12-2  | 87787    | 86270    | 86328    | 86795    | 0.99   | cps   |
| Chlorine   | 35-1  | 117659   | 114375   | 115139   | 115724   | 1.48   | cps   |
| Chlorine   | 35-2  | 942      | 900      | 833      | 892      | 6.13   | cps   |
| Chromium   | 52-2  | 252649   | 245603   | 241908   | 246720   | 2.21   | cps   |
| Cobalt     | 59-2  | 445816   | 436326   | 426786   | 436309   | 2.18   | cps   |
| Copper     | 63-2  | 3660633  | 3529326  | 3531185  | 3573715  | 2.11   | cps   |
| Dysprosium | 156-1 | 58       | 58       | 58       | 58       | 0.01   | cps   |
| Dysprosium | 156-2 | 33       | 27       | 37       | 32       | 15.80  | cps   |
| Erbium     | 164-1 | 33       | 50       | 75       | 53       | 39.74  | cps   |
| Erbium     | 164-2 | 23       | 7        | 10       | 13       | 66.12  | cps   |
| Gadolinium | 160-1 | 142      | 175      | 150      | 156      | 11.15  | cps   |
| Gadolinium | 160-2 | 137      | 143      | 80       | 120      | 29.00  | cps   |
| Holmium    | 165-1 | 8132877  | 8271774  | 8016916  | 8140522  | 1.57   | cps   |
| Holmium    | 165-2 | 3693490  | 3536593  | 3497414  | 3575832  | 2.90   | cps   |
| Indium     | 115-1 | 7084780  | 7296345  | 7136461  | 7172528  | 1.54   | cps   |
| Indium     | 115-2 | 1110936  | 1105305  | 1115329  | 1110523  | 0.45   | cps   |
| Iron       | 54-2  | 586720   | 573291   | 567398   | 575803   | 1.72   | cps   |
| Iron       | 56-2  | 11105555 | 10608357 | 10491327 | 10735080 | 3.04   | cps   |
| Iron       | 57-2  | 266028   | 260834   | 252093   | 259652   | 2.71   | cps   |

|                        |                     |                   |            |
|------------------------|---------------------|-------------------|------------|
| LB Number :            | LB123428            | Operator :        | Jaswal     |
| Lab Sample ID :        | S4                  | Instrumnet Name : | P8         |
| Client Sample ID :     | S4                  | Dilution Factor : | 1          |
| Date & Time Acquired : | 2022-12-22 10:17:01 | DataFile Name :   | 007CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Krypton    | 83-1  | 317      | 316      | 270      | 301      | 8.99   | cps   |
| Lead       | 206-1 | 3173056  | 3169379  | 3003234  | 3115223  | 3.11   | cps   |
| Lead       | 207-1 | 2871948  | 2826679  | 2718948  | 2805858  | 2.80   | cps   |
| Lead       | 208-1 | 12777793 | 12895378 | 12496436 | 12723203 | 1.61   | cps   |
| Lithium    | 6-1   | 4547223  | 4532825  | 4562383  | 4547477  | 0.33   | cps   |
| Magnesium  | 24-2  | 2546941  | 2471645  | 2469813  | 2496133  | 1.76   | cps   |
| Manganese  | 55-2  | 1453264  | 1399773  | 1349942  | 1400993  | 3.69   | cps   |
| Molybdenum | 94-1  | 3103486  | 3097942  | 2938320  | 3046583  | 3.08   | cps   |
| Molybdenum | 95-1  | 4393684  | 4332512  | 4320075  | 4348757  | 0.91   | cps   |
| Molybdenum | 96-1  | 4741408  | 4601389  | 4792601  | 4711799  | 2.10   | cps   |
| Molybdenum | 97-1  | 2700329  | 2611866  | 2622365  | 2644853  | 1.83   | cps   |
| Molybdenum | 98-1  | 6890733  | 6803987  | 6776068  | 6823596  | 0.88   | cps   |
| Neodymium  | 150-1 | 147      | 113      | 93       | 118      | 22.87  | cps   |
| Neodymium  | 150-2 | 30       | 7        | 3        | 13       | 108.98 | cps   |
| Nickel     | 60-2  | 121985   | 120425   | 117924   | 120111   | 1.71   | cps   |
| Phosphorus | 31-2  | 11221    | 10821    | 11096    | 11046    | 1.85   | cps   |
| Potassium  | 39-2  | 864322   | 838484   | 834381   | 845729   | 1.92   | cps   |
| Rhodium    | 103-1 | 7071145  | 6944540  | 6918438  | 6978041  | 1.17   | cps   |
| Rhodium    | 103-2 | 3080844  | 3122203  | 3139846  | 3114297  | 0.97   | cps   |
| Scandium   | 45-1  | 5709966  | 5450296  | 5409272  | 5523178  | 2.95   | cps   |
| Scandium   | 45-2  | 193189   | 195577   | 192682   | 193816   | 0.80   | cps   |
| Selenium   | 82-1  | 20047    | 20085    | 20017    | 20050    | 0.17   | cps   |
| Selenium   | 77-2  | 673      | 570      | 577      | 607      | 9.53   | cps   |
| Selenium   | 78-2  | 2226     | 2205     | 2122     | 2185     | 2.52   | cps   |
| Silicon    | 28-1  | 4690907  | 4684466  | 4653429  | 4676267  | 0.43   | cps   |
| Silver     | 107-1 | 1158389  | 1164120  | 1124147  | 1148885  | 1.88   | cps   |
| Silver     | 109-1 | 1101882  | 1126055  | 1077019  | 1101652  | 2.23   | cps   |
| Sodium     | 23-2  | 4554083  | 4493980  | 4383630  | 4477231  | 1.93   | cps   |
| Strontium  | 86-1  | 7242765  | 7291114  | 7022007  | 7185295  | 2.00   | cps   |
| Strontium  | 88-1  | 63997322 | 63352518 | 61265070 | 62871637 | 2.27   | cps   |
| Sulfur     | 34-1  | 562356   | 568861   | 560512   | 563910   | 0.78   | cps   |
| Terbium    | 159-1 | 8472123  | 8428134  | 8332757  | 8411005  | 0.85   | cps   |
| Terbium    | 159-2 | 3592321  | 3603434  | 3591938  | 3595898  | 0.18   | cps   |
| Thallium   | 203-1 | 691340   | 683903   | 669381   | 681541   | 1.64   | cps   |
| Thallium   | 205-1 | 1763024  | 1776674  | 1577220  | 1705639  | 6.53   | cps   |
| Tin        | 118-1 | 646926   | 650822   | 648786   | 648845   | 0.30   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | S4                  | Instrumnet Name : | P8        |
| Client Sample ID :     | S4                  | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 10:17:01 | DataFile Name :   | 007CALS.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 1491190  | 1431528  | 1439524  | 1454081  | 2.23   | cps   |
| Uranium   | 238-1 | 2348468  | 2417631  | 2316423  | 2360841  | 2.19   | cps   |
| Vanadium  | 51-2  | 200846   | 196176   | 192876   | 196633   | 2.04   | cps   |
| Ytterbium | 172-1 | 75       | 83       | 92       | 83       | 10.00  | cps   |
| Ytterbium | 172-2 | 17       | 11       | 28       | 19       | 45.83  | cps   |
| Ytterbium | 176-1 | 4234     | 4134     | 4242     | 4204     | 1.43   | cps   |
| Ytterbium | 176-2 | 9681     | 9565     | 9515     | 9587     | 0.89   | cps   |
| Yttrium   | 89-1  | 12480637 | 12429241 | 12125036 | 12344971 | 1.56   | cps   |
| Yttrium   | 89-2  | 1426094  | 1433524  | 1412139  | 1423919  | 0.76   | cps   |
| Zinc      | 66-2  | 432373   | 419500   | 418323   | 423399   | 1.84   | cps   |
| Zirconium | 90-1  | 1515720  | 1496608  | 1465165  | 1492497  | 1.71   | cps   |
| Zirconium | 91-1  | 326572   | 328782   | 334011   | 329788   | 1.16   | cps   |

|                        |                     |                   |            |
|------------------------|---------------------|-------------------|------------|
| LB Number :            | LB123428            | Operator :        | Jaswal     |
| Lab Sample ID :        | S5                  | Instrumnet Name : | P8         |
| Client Sample ID :     | S5                  | Dilution Factor : | 1          |
| Date & Time Acquired : | 2022-12-22 10:20:09 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 371202   | 360294   | 359059   | 363518   | 1.84   | cps   |
| Antimony   | 121-1 | 1444735  | 1470844  | 1485856  | 1467145  | 1.42   | cps   |
| Arsenic    | 75-2  | 49843    | 48400    | 47985    | 48743    | 2.00   | cps   |
| Barium     | 135-1 | 1910933  | 1938051  | 1908572  | 1919185  | 0.85   | cps   |
| Barium     | 137-1 | 3260532  | 3285495  | 3374747  | 3306925  | 1.82   | cps   |
| Beryllium  | 9-1   | 819210   | 811831   | 802681   | 811241   | 1.02   | cps   |
| Bismuth    | 209-1 | 5182156  | 5162064  | 5087970  | 5144063  | 0.96   | cps   |
| Bismuth    | 209-2 | 2639670  | 2716119  | 2689441  | 2681743  | 1.45   | cps   |
| Boron      | 10-1  | 151868   | 158121   | 161909   | 157299   | 3.22   | cps   |
| Boron      | 11-1  | 675090   | 687380   | 699979   | 687483   | 1.81   | cps   |
| Bromine    | 81-1  | 41626    | 40551    | 40922    | 41033    | 1.33   | cps   |
| Cadmium    | 111-1 | 466363   | 472393   | 464794   | 467850   | 0.86   | cps   |
| Cadmium    | 106-1 | 52894    | 57413    | 56885    | 55730    | 4.43   | cps   |
| Cadmium    | 108-1 | 35295    | 36319    | 36356    | 35990    | 1.67   | cps   |
| Calcium    | 43-1  | 691623   | 705858   | 683362   | 693614   | 1.64   | cps   |
| Calcium    | 44-1  | 11051516 | 10899958 | 10287299 | 10746258 | 3.77   | cps   |
| Carbon     | 12-1  | 6895615  | 7273648  | 7238011  | 7135758  | 2.93   | cps   |
| Carbon     | 12-2  | 89053    | 91576    | 91508    | 90712    | 1.58   | cps   |
| Chlorine   | 35-1  | 116928   | 116550   | 117768   | 117082   | 0.53   | cps   |
| Chlorine   | 35-2  | 1017     | 800      | 892      | 903      | 12.05  | cps   |
| Chromium   | 52-2  | 518785   | 505933   | 499896   | 508205   | 1.90   | cps   |
| Cobalt     | 59-2  | 899397   | 879324   | 884659   | 887793   | 1.17   | cps   |
| Copper     | 63-2  | 7330927  | 7094116  | 7076358  | 7167134  | 1.98   | cps   |
| Dysprosium | 156-1 | 133      | 92       | 92       | 106      | 22.79  | cps   |
| Dysprosium | 156-2 | 30       | 70       | 70       | 57       | 40.75  | cps   |
| Erbium     | 164-1 | 92       | 125      | 108      | 108      | 15.38  | cps   |
| Erbium     | 164-2 | 27       | 20       | 27       | 24       | 15.75  | cps   |
| Gadolinium | 160-1 | 208      | 125      | 200      | 178      | 25.82  | cps   |
| Gadolinium | 160-2 | 137      | 173      | 173      | 161      | 13.14  | cps   |
| Holmium    | 165-1 | 8240463  | 8256236  | 8260360  | 8252353  | 0.13   | cps   |
| Holmium    | 165-2 | 3739300  | 3687949  | 3664047  | 3697099  | 1.04   | cps   |
| Indium     | 115-1 | 6926404  | 7173575  | 7008879  | 7036286  | 1.79   | cps   |
| Indium     | 115-2 | 1101969  | 1110277  | 1103305  | 1105183  | 0.40   | cps   |
| Iron       | 54-2  | 1212068  | 1172129  | 1173964  | 1186054  | 1.90   | cps   |
| Iron       | 56-2  | 22835750 | 22081480 | 21978241 | 22298490 | 2.10   | cps   |
| Iron       | 57-2  | 534058   | 535700   | 523074   | 530944   | 1.29   | cps   |

|                        |                     |                   |            |
|------------------------|---------------------|-------------------|------------|
| LB Number :            | LB123428            | Operator :        | Jaswal     |
| Lab Sample ID :        | S5                  | Instrumnet Name : | P8         |
| Client Sample ID :     | S5                  | Dilution Factor : | 1          |
| Date & Time Acquired : | 2022-12-22 10:20:09 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Krypton    | 83-1  | 294       | 340       | 327       | 320       | 7.47   | cps   |
| Lead       | 206-1 | 6547290   | 6387165   | 6169374   | 6367943   | 2.98   | cps   |
| Lead       | 207-1 | 5719159   | 5597832   | 5552759   | 5623250   | 1.53   | cps   |
| Lead       | 208-1 | 26016001  | 25617483  | 25229573  | 25621019  | 1.53   | cps   |
| Lithium    | 6-1   | 4439581   | 4433811   | 4585180   | 4486191   | 1.91   | cps   |
| Magnesium  | 24-2  | 5105529   | 5066783   | 5038956   | 5070423   | 0.66   | cps   |
| Manganese  | 55-2  | 2966849   | 2837899   | 2861850   | 2888866   | 2.37   | cps   |
| Molybdenum | 94-1  | 6166270   | 6137691   | 6251768   | 6185243   | 0.96   | cps   |
| Molybdenum | 95-1  | 8804832   | 8968290   | 8942916   | 8905346   | 0.99   | cps   |
| Molybdenum | 96-1  | 9554340   | 9801134   | 9514519   | 9623331   | 1.61   | cps   |
| Molybdenum | 97-1  | 5403524   | 5513947   | 5405493   | 5440988   | 1.16   | cps   |
| Molybdenum | 98-1  | 13789108  | 14126939  | 13951521  | 13955856  | 1.21   | cps   |
| Neodymium  | 150-1 | 220       | 153       | 193       | 189       | 17.76  | cps   |
| Neodymium  | 150-2 | 7         | 10        | 10        | 9         | 21.63  | cps   |
| Nickel     | 60-2  | 248057    | 239144    | 238786    | 241996    | 2.17   | cps   |
| Phosphorus | 31-2  | 23227     | 22334     | 22451     | 22671     | 2.14   | cps   |
| Potassium  | 39-2  | 1765537   | 1738381   | 1768667   | 1757528   | 0.95   | cps   |
| Rhodium    | 103-1 | 6540746   | 6958712   | 6980671   | 6826710   | 3.63   | cps   |
| Rhodium    | 103-2 | 3058510   | 3147372   | 3027583   | 3077822   | 2.02   | cps   |
| Scandium   | 45-1  | 5459615   | 5562517   | 5436528   | 5486220   | 1.22   | cps   |
| Scandium   | 45-2  | 195376    | 191974    | 196033    | 194461    | 1.12   | cps   |
| Selenium   | 82-1  | 40488     | 40322     | 40336     | 40382     | 0.23   | cps   |
| Selenium   | 77-2  | 1213      | 1273      | 1287      | 1258      | 3.11   | cps   |
| Selenium   | 78-2  | 4297      | 4275      | 4184      | 4252      | 1.41   | cps   |
| Silicon    | 28-1  | 8732843   | 8723966   | 8641261   | 8699357   | 0.58   | cps   |
| Silver     | 107-1 | 2254304   | 2414009   | 2460380   | 2376231   | 4.55   | cps   |
| Silver     | 109-1 | 2366741   | 2341963   | 2313150   | 2340618   | 1.15   | cps   |
| Sodium     | 23-2  | 9258708   | 9018606   | 9276170   | 9184495   | 1.57   | cps   |
| Strontium  | 86-1  | 14436315  | 14626291  | 14478857  | 14513821  | 0.69   | cps   |
| Strontium  | 88-1  | 125674465 | 127651840 | 122741369 | 125355892 | 1.97   | cps   |
| Sulfur     | 34-1  | 693979    | 693352    | 686964    | 691431    | 0.56   | cps   |
| Terbium    | 159-1 | 8480264   | 8422567   | 8518325   | 8473719   | 0.57   | cps   |
| Terbium    | 159-2 | 3665680   | 3528104   | 3660096   | 3617960   | 2.15   | cps   |
| Thallium   | 203-1 | 1452011   | 1437933   | 1432148   | 1440697   | 0.71   | cps   |
| Thallium   | 205-1 | 3604445   | 3593294   | 3479661   | 3559133   | 1.94   | cps   |
| Tin        | 118-1 | 1360947   | 1341386   | 1338349   | 1346894   | 0.91   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | S5                  | Instrumnet Name : | P8        |
| Client Sample ID :     | S5                  | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 10:20:09 | DataFile Name :   | 008CALS.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 2875243  | 2959205  | 2945443  | 2926630  | 1.54   | cps   |
| Uranium   | 238-1 | 4920075  | 4641882  | 4869192  | 4810383  | 3.08   | cps   |
| Vanadium  | 51-2  | 414415   | 400141   | 402738   | 405765   | 1.87   | cps   |
| Ytterbium | 172-1 | 33       | 100      | 42       | 58       | 62.27  | cps   |
| Ytterbium | 172-2 | 28       | 39       | 44       | 37       | 22.91  | cps   |
| Ytterbium | 176-1 | 7261     | 7436     | 7294     | 7330     | 1.27   | cps   |
| Ytterbium | 176-2 | 10899    | 10538    | 11021    | 10819    | 2.32   | cps   |
| Yttrium   | 89-1  | 12411000 | 12412678 | 12485703 | 12436461 | 0.34   | cps   |
| Yttrium   | 89-2  | 1408675  | 1419366  | 1415436  | 1414492  | 0.38   | cps   |
| Zinc      | 66-2  | 867260   | 844108   | 835557   | 848975   | 1.93   | cps   |
| Zirconium | 90-1  | 3123470  | 3104402  | 3062907  | 3096926  | 1.00   | cps   |
| Zirconium | 91-1  | 686028   | 682634   | 685587   | 684749   | 0.27   | cps   |



|                        |                     |                   |            |
|------------------------|---------------------|-------------------|------------|
| LB Number :            | LB123428            | Operator :        | Jaswal     |
| Lab Sample ID :        | S6                  | Instrumnet Name : | P8         |
| Client Sample ID :     | S6                  | Dilution Factor : | 1          |
| Date & Time Acquired : | 2022-12-22 10:23:16 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 718980   | 713453   | 704974   | 712469   | 0.99   | cps   |
| Antimony   | 121-1 | 3013328  | 2950902  | 2854577  | 2939602  | 2.72   | cps   |
| Arsenic    | 75-2  | 97213    | 95796    | 94732    | 95914    | 1.30   | cps   |
| Barium     | 135-1 | 3702380  | 3783965  | 3769276  | 3751874  | 1.16   | cps   |
| Barium     | 137-1 | 6837557  | 6598875  | 6499792  | 6645408  | 2.61   | cps   |
| Beryllium  | 9-1   | 1597058  | 1582809  | 1570324  | 1583397  | 0.84   | cps   |
| Bismuth    | 209-1 | 5127626  | 5037096  | 5113613  | 5092778  | 0.96   | cps   |
| Bismuth    | 209-2 | 2576101  | 2586844  | 2615524  | 2592823  | 0.79   | cps   |
| Boron      | 10-1  | 287692   | 301556   | 304195   | 297815   | 2.98   | cps   |
| Boron      | 11-1  | 1171784  | 1214151  | 1259356  | 1215097  | 3.60   | cps   |
| Bromine    | 81-1  | 40160    | 39427    | 41204    | 40263    | 2.22   | cps   |
| Cadmium    | 111-1 | 894071   | 884407   | 887884   | 888788   | 0.55   | cps   |
| Cadmium    | 106-1 | 103531   | 101004   | 102835   | 102457   | 1.27   | cps   |
| Cadmium    | 108-1 | 69294    | 70743    | 70195    | 70077    | 1.04   | cps   |
| Calcium    | 43-1  | 1379482  | 1376864  | 1416451  | 1390933  | 1.59   | cps   |
| Calcium    | 44-1  | 20604946 | 20960535 | 20510770 | 20692084 | 1.15   | cps   |
| Carbon     | 12-1  | 7092033  | 7137675  | 7244787  | 7158165  | 1.10   | cps   |
| Carbon     | 12-2  | 86974    | 87645    | 89757    | 88125    | 1.65   | cps   |
| Chlorine   | 35-1  | 114719   | 114635   | 114492   | 114615   | 0.10   | cps   |
| Chlorine   | 35-2  | 942      | 792      | 825      | 853      | 9.24   | cps   |
| Chromium   | 52-2  | 1015985  | 1007823  | 998680   | 1007496  | 0.86   | cps   |
| Cobalt     | 59-2  | 1854070  | 1786108  | 1800222  | 1813467  | 1.98   | cps   |
| Copper     | 63-2  | 13941481 | 13698345 | 13676816 | 13772214 | 1.07   | cps   |
| Dysprosium | 156-1 | 300      | 175      | 192      | 222      | 30.54  | cps   |
| Dysprosium | 156-2 | 140      | 97       | 117      | 118      | 18.41  | cps   |
| Erbium     | 164-1 | 58       | 108      | 83       | 83       | 30.00  | cps   |
| Erbium     | 164-2 | 43       | 33       | 27       | 34       | 24.35  | cps   |
| Gadolinium | 160-1 | 250      | 275      | 325      | 283      | 13.48  | cps   |
| Gadolinium | 160-2 | 183      | 157      | 167      | 169      | 7.98   | cps   |
| Holmium    | 165-1 | 8247174  | 8436318  | 8333833  | 8339108  | 1.14   | cps   |
| Holmium    | 165-2 | 3595609  | 3696390  | 3690886  | 3660962  | 1.55   | cps   |
| Indium     | 115-1 | 7132957  | 6944406  | 6803275  | 6960213  | 2.38   | cps   |
| Indium     | 115-2 | 1081723  | 1078473  | 1104232  | 1088143  | 1.29   | cps   |
| Iron       | 54-2  | 2457858  | 2484350  | 2436776  | 2459661  | 0.97   | cps   |
| Iron       | 56-2  | 43437238 | 43115326 | 42436275 | 42996280 | 1.19   | cps   |
| Iron       | 57-2  | 1063789  | 1039059  | 1034533  | 1045794  | 1.51   | cps   |

|                        |                     |                   |            |
|------------------------|---------------------|-------------------|------------|
| LB Number :            | LB123428            | Operator :        | Jaswal     |
| Lab Sample ID :        | S6                  | Instrumnet Name : | P8         |
| Client Sample ID :     | S6                  | Dilution Factor : | 1          |
| Date & Time Acquired : | 2022-12-22 10:23:16 | DataFile Name :   | 009CAL.S.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Krypton    | 83-1  | 276       | 316       | 296       | 296       | 6.75   | cps   |
| Lead       | 206-1 | 12587062  | 12428925  | 12699555  | 12571848  | 1.08   | cps   |
| Lead       | 207-1 | 11535419  | 10975742  | 10699882  | 11070347  | 3.85   | cps   |
| Lead       | 208-1 | 51934825  | 49895858  | 49807363  | 50546015  | 2.38   | cps   |
| Lithium    | 6-1   | 4306794   | 4474011   | 4418078   | 4399628   | 1.93   | cps   |
| Magnesium  | 24-2  | 9990079   | 9710460   | 9850621   | 9850387   | 1.42   | cps   |
| Manganese  | 55-2  | 5740337   | 5767432   | 5552995   | 5686921   | 2.05   | cps   |
| Molybdenum | 94-1  | 12376284  | 12174781  | 11945416  | 12165494  | 1.77   | cps   |
| Molybdenum | 95-1  | 17563684  | 17578941  | 16951239  | 17364621  | 2.06   | cps   |
| Molybdenum | 96-1  | 19235576  | 19017148  | 18747285  | 19000003  | 1.29   | cps   |
| Molybdenum | 97-1  | 10888901  | 10844181  | 10463468  | 10732183  | 2.18   | cps   |
| Molybdenum | 98-1  | 27539389  | 28268198  | 27068108  | 27625231  | 2.19   | cps   |
| Neodymium  | 150-1 | 327       | 313       | 347       | 329       | 5.10   | cps   |
| Neodymium  | 150-2 | 20        | 17        | 30        | 22        | 31.22  | cps   |
| Nickel     | 60-2  | 485437    | 473018    | 470200    | 476218    | 1.70   | cps   |
| Phosphorus | 31-2  | 45347     | 42889     | 43349     | 43861     | 2.98   | cps   |
| Potassium  | 39-2  | 3528281   | 3403432   | 3450375   | 3460696   | 1.82   | cps   |
| Rhodium    | 103-1 | 6829608   | 6853142   | 6684826   | 6789192   | 1.34   | cps   |
| Rhodium    | 103-2 | 3048849   | 2965010   | 3040552   | 3018137   | 1.53   | cps   |
| Scandium   | 45-1  | 5418956   | 5492288   | 5447559   | 5452934   | 0.68   | cps   |
| Scandium   | 45-2  | 192997    | 197343    | 196328    | 195556    | 1.16   | cps   |
| Selenium   | 82-1  | 78307     | 77957     | 77714     | 77993     | 0.38   | cps   |
| Selenium   | 77-2  | 2430      | 2610      | 2310      | 2450      | 6.16   | cps   |
| Selenium   | 78-2  | 8279      | 8208      | 8086      | 8191      | 1.19   | cps   |
| Silicon    | 28-1  | 15115589  | 15202816  | 15128281  | 15148895  | 0.31   | cps   |
| Silver     | 107-1 | 4665487   | 4578038   | 4604014   | 4615846   | 0.97   | cps   |
| Silver     | 109-1 | 4468934   | 4503563   | 4481703   | 4484734   | 0.39   | cps   |
| Sodium     | 23-2  | 18053296  | 18065683  | 18113089  | 18077356  | 0.17   | cps   |
| Strontium  | 86-1  | 29337257  | 28604800  | 28807516  | 28916524  | 1.31   | cps   |
| Strontium  | 88-1  | 251938764 | 251678672 | 247633314 | 250416917 | 0.96   | cps   |
| Sulfur     | 34-1  | 947440    | 939435    | 932774    | 939883    | 0.78   | cps   |
| Terbium    | 159-1 | 8826649   | 8878399   | 8657129   | 8787392   | 1.32   | cps   |
| Terbium    | 159-2 | 3616774   | 3571718   | 3695097   | 3627863   | 1.72   | cps   |
| Thallium   | 203-1 | 3012706   | 2884637   | 2995863   | 2964402   | 2.35   | cps   |
| Thallium   | 205-1 | 6848468   | 6960530   | 6984268   | 6931089   | 1.05   | cps   |
| Tin        | 118-1 | 2714071   | 2662301   | 2603119   | 2659830   | 2.09   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | S6                  | Instrumnet Name : | P8        |
| Client Sample ID :     | S6                  | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 10:23:16 | DataFile Name :   | 009CALS.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 5779811  | 5727732  | 5735376  | 5747640  | 0.49   | cps   |
| Uranium   | 238-1 | 9812856  | 9735708  | 9600381  | 9716315  | 1.11   | cps   |
| Vanadium  | 51-2  | 810747   | 810014   | 799294   | 806685   | 0.79   | cps   |
| Ytterbium | 172-1 | 117      | 92       | 158      | 122      | 27.56  | cps   |
| Ytterbium | 172-2 | 61       | 39       | 56       | 52       | 22.30  | cps   |
| Ytterbium | 176-1 | 13374    | 12531    | 13015    | 12973    | 3.26   | cps   |
| Ytterbium | 176-2 | 13752    | 13084    | 13301    | 13379    | 2.54   | cps   |
| Yttrium   | 89-1  | 12397465 | 12502281 | 12414339 | 12438029 | 0.45   | cps   |
| Yttrium   | 89-2  | 1464174  | 1424602  | 1490568  | 1459782  | 2.27   | cps   |
| Zinc      | 66-2  | 1721991  | 1712514  | 1713240  | 1715915  | 0.31   | cps   |
| Zirconium | 90-1  | 6023299  | 6003454  | 5885417  | 5970723  | 1.25   | cps   |
| Zirconium | 91-1  | 1409678  | 1418177  | 1357135  | 1394997  | 2.37   | cps   |

LB Number : LB123428 Operator : Jaswal  
 Lab Sample ID : S7 Instrumnet Name : P8  
 Client Sample ID : S7 Dilution Factor : 1  
 Date & Time Acquired : 2022-12-22 10:26:24 DataFile Name : 010CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1516622  | 1497680  | 1433831  | 1482711  | 2.93   | cps   |
| Antimony   | 121-1 | 5901630  | 5987455  | 5811727  | 5900270  | 1.49   | cps   |
| Arsenic    | 75-2  | 201227   | 193552   | 191206   | 195328   | 2.68   | cps   |
| Barium     | 135-1 | 7435921  | 7685496  | 7624091  | 7581836  | 1.72   | cps   |
| Barium     | 137-1 | 13394098 | 13495752 | 13073914 | 13321255 | 1.65   | cps   |
| Beryllium  | 9-1   | 2952791  | 3029767  | 3057824  | 3013461  | 1.80   | cps   |
| Bismuth    | 209-1 | 4865044  | 5049897  | 4969725  | 4961556  | 1.87   | cps   |
| Bismuth    | 209-2 | 2546405  | 2601391  | 2592720  | 2580172  | 1.15   | cps   |
| Boron      | 10-1  | 574503   | 597796   | 612613   | 594971   | 3.23   | cps   |
| Boron      | 11-1  | 2351410  | 2426016  | 2491546  | 2422991  | 2.89   | cps   |
| Bromine    | 81-1  | 39346    | 39276    | 40611    | 39744    | 1.89   | cps   |
| Cadmium    | 111-1 | 1814061  | 1826816  | 1825004  | 1821960  | 0.38   | cps   |
| Cadmium    | 106-1 | 199616   | 202510   | 200526   | 200884   | 0.74   | cps   |
| Cadmium    | 108-1 | 136120   | 136514   | 137307   | 136647   | 0.44   | cps   |
| Calcium    | 43-1  | 2847649  | 2750163  | 2791252  | 2796355  | 1.75   | cps   |
| Calcium    | 44-1  | 41660176 | 42082738 | 42550454 | 42097790 | 1.06   | cps   |
| Carbon     | 12-1  | 7278430  | 7244299  | 7374618  | 7299116  | 0.93   | cps   |
| Carbon     | 12-2  | 93707    | 90864    | 94578    | 93050    | 2.09   | cps   |
| Chlorine   | 35-1  | 122549   | 122457   | 122003   | 122336   | 0.24   | cps   |
| Chlorine   | 35-2  | 1008     | 925      | 883      | 939      | 6.78   | cps   |
| Chromium   | 52-2  | 2244177  | 2172271  | 2118485  | 2178311  | 2.90   | cps   |
| Cobalt     | 59-2  | 3798612  | 3622725  | 3543635  | 3654991  | 3.57   | cps   |
| Copper     | 63-2  | 28909528 | 27312609 | 27421865 | 27881334 | 3.20   | cps   |
| Dysprosium | 156-1 | 417      | 525      | 442      | 461      | 12.30  | cps   |
| Dysprosium | 156-2 | 190      | 230      | 207      | 209      | 9.62   | cps   |
| Erbium     | 164-1 | 125      | 117      | 108      | 117      | 7.14   | cps   |
| Erbium     | 164-2 | 50       | 43       | 47       | 47       | 7.15   | cps   |
| Gadolinium | 160-1 | 317      | 350      | 392      | 353      | 10.65  | cps   |
| Gadolinium | 160-2 | 263      | 220      | 257      | 247      | 9.46   | cps   |
| Holmium    | 165-1 | 8389398  | 8168365  | 8066893  | 8208219  | 2.01   | cps   |
| Holmium    | 165-2 | 3704629  | 3610091  | 3614432  | 3643051  | 1.47   | cps   |
| Indium     | 115-1 | 6967876  | 6887743  | 6915914  | 6923844  | 0.59   | cps   |
| Indium     | 115-2 | 1091419  | 1069841  | 1090005  | 1083755  | 1.11   | cps   |
| Iron       | 54-2  | 4990503  | 4893000  | 4749220  | 4877574  | 2.49   | cps   |
| Iron       | 56-2  | 87803391 | 86817635 | 83340899 | 85987308 | 2.73   | cps   |
| Iron       | 57-2  | 2283752  | 2225072  | 2184190  | 2231005  | 2.24   | cps   |

|                        |                     |                   |            |
|------------------------|---------------------|-------------------|------------|
| LB Number :            | LB123428            | Operator :        | Jaswal     |
| Lab Sample ID :        | S7                  | Instrumnet Name : | P8         |
| Client Sample ID :     | S7                  | Dilution Factor : | 1          |
| Date & Time Acquired : | 2022-12-22 10:26:24 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Krypton    | 83-1  | 336       | 324       | 326       | 329       | 2.01   | cps   |
| Lead       | 206-1 | 24976860  | 25800414  | 24529454  | 25102243  | 2.57   | cps   |
| Lead       | 207-1 | 21846327  | 22416359  | 21924310  | 22062332  | 1.40   | cps   |
| Lead       | 208-1 | 99450569  | 102612681 | 99670061  | 100577770 | 1.76   | cps   |
| Lithium    | 6-1   | 4262421   | 4330249   | 4406684   | 4333118   | 1.67   | cps   |
| Magnesium  | 24-2  | 20204224  | 19861359  | 19714986  | 19926856  | 1.26   | cps   |
| Manganese  | 55-2  | 11535432  | 11334330  | 10889389  | 11253050  | 2.94   | cps   |
| Molybdenum | 94-1  | 24312429  | 25037833  | 24841491  | 24730584  | 1.52   | cps   |
| Molybdenum | 95-1  | 35311592  | 35827342  | 36027387  | 35722107  | 1.03   | cps   |
| Molybdenum | 96-1  | 39763398  | 38755272  | 38515766  | 39011479  | 1.70   | cps   |
| Molybdenum | 97-1  | 22224490  | 21529712  | 21953801  | 21902668  | 1.60   | cps   |
| Molybdenum | 98-1  | 56244021  | 56521961  | 56796981  | 56520988  | 0.49   | cps   |
| Neodymium  | 150-1 | 627       | 647       | 693       | 656       | 5.22   | cps   |
| Neodymium  | 150-2 | 40        | 50        | 50        | 47        | 12.37  | cps   |
| Nickel     | 60-2  | 986033    | 944476    | 939737    | 956749    | 2.66   | cps   |
| Phosphorus | 31-2  | 89845     | 86734     | 85226     | 87268     | 2.70   | cps   |
| Potassium  | 39-2  | 7029003   | 6815847   | 6806595   | 6883815   | 1.83   | cps   |
| Rhodium    | 103-1 | 6328887   | 6650885   | 6499839   | 6493204   | 2.48   | cps   |
| Rhodium    | 103-2 | 3099309   | 3026235   | 3033289   | 3052944   | 1.32   | cps   |
| Scandium   | 45-1  | 5438240   | 5398157   | 5569338   | 5468578   | 1.64   | cps   |
| Scandium   | 45-2  | 199575    | 195571    | 195757    | 196968    | 1.15   | cps   |
| Selenium   | 82-1  | 152004    | 153220    | 154045    | 153089    | 0.67   | cps   |
| Selenium   | 77-2  | 4794      | 4791      | 4834      | 4806      | 0.50   | cps   |
| Selenium   | 78-2  | 16874     | 16150     | 15915     | 16313     | 3.06   | cps   |
| Silicon    | 28-1  | 29835241  | 30343151  | 29973000  | 30050464  | 0.87   | cps   |
| Silver     | 107-1 | 8703224   | 8897167   | 8939164   | 8846519   | 1.42   | cps   |
| Silver     | 109-1 | 8670901   | 8506563   | 8556381   | 8577948   | 0.98   | cps   |
| Sodium     | 23-2  | 37488477  | 37196688  | 35841219  | 36842128  | 2.39   | cps   |
| Strontium  | 86-1  | 61069193  | 59941556  | 59407528  | 60139426  | 1.41   | cps   |
| Strontium  | 88-1  | 515922578 | 507925645 | 500728728 | 508192317 | 1.50   | cps   |
| Sulfur     | 34-1  | 1240424   | 1246433   | 1230181   | 1239013   | 0.66   | cps   |
| Terbium    | 159-1 | 8558542   | 8642043   | 8622822   | 8607802   | 0.51   | cps   |
| Terbium    | 159-2 | 3611190   | 3670589   | 3709093   | 3663624   | 1.35   | cps   |
| Thallium   | 203-1 | 5877728   | 5748273   | 6020927   | 5882309   | 2.32   | cps   |
| Thallium   | 205-1 | 13774282  | 13820187  | 13836089  | 13810186  | 0.23   | cps   |
| Tin        | 118-1 | 5552063   | 5354769   | 5356045   | 5420959   | 2.09   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | S7                  | Instrumnet Name : | P8        |
| Client Sample ID :     | S7                  | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 10:26:24 | DataFile Name :   | 010CALS.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 11815358 | 11396937 | 11711090 | 11641128 | 1.87   | cps   |
| Uranium   | 238-1 | 19337997 | 19827357 | 19343703 | 19503019 | 1.44   | cps   |
| Vanadium  | 51-2  | 1766435  | 1720636  | 1697467  | 1728179  | 2.03   | cps   |
| Ytterbium | 172-1 | 150      | 267      | 175      | 197      | 31.14  | cps   |
| Ytterbium | 172-2 | 67       | 106      | 44       | 72       | 42.83  | cps   |
| Ytterbium | 176-1 | 25634    | 24532    | 25300    | 25155    | 2.25   | cps   |
| Ytterbium | 176-2 | 18530    | 18458    | 18875    | 18621    | 1.20   | cps   |
| Yttrium   | 89-1  | 12274375 | 12620848 | 12552330 | 12482518 | 1.47   | cps   |
| Yttrium   | 89-2  | 1463020  | 1473560  | 1459392  | 1465324  | 0.50   | cps   |
| Zinc      | 66-2  | 3506838  | 3395015  | 3303218  | 3401690  | 3.00   | cps   |
| Zirconium | 90-1  | 12074170 | 12294026 | 12022017 | 12130071 | 1.19   | cps   |
| Zirconium | 91-1  | 2738095  | 2795443  | 2781854  | 2771797  | 1.08   | cps   |

|                        |                     |                   |            |
|------------------------|---------------------|-------------------|------------|
| LB Number :            | LB123428            | Operator :        | Jaswal     |
| Lab Sample ID :        | S8                  | Instrumnet Name : | P8         |
| Client Sample ID :     | S8                  | Dilution Factor : | 1          |
| Date & Time Acquired : | 2022-12-22 10:29:31 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 7127647   | 7131735   | 7126194   | 7128525   | 0.04   | cps   |
| Antimony   | 121-1 | 3159      | 4451      | 3984      | 3865      | 16.93  | cps   |
| Arsenic    | 75-2  | 61        | 55        | 53        | 56        | 7.39   | cps   |
| Barium     | 135-1 | 4676      | 5285      | 4026      | 4662      | 13.50  | cps   |
| Barium     | 137-1 | 8036      | 9437      | 7236      | 8236      | 13.53  | cps   |
| Beryllium  | 9-1   | 745       | 1189      | 545       | 826       | 39.88  | cps   |
| Bismuth    | 209-1 | 4346956   | 4496941   | 4346858   | 4396918   | 1.97   | cps   |
| Bismuth    | 209-2 | 2344393   | 2357333   | 2336127   | 2345951   | 0.46   | cps   |
| Boron      | 10-1  | 44978     | 42336     | 38930     | 42081     | 7.21   | cps   |
| Boron      | 11-1  | 197772    | 181523    | 172061    | 183786    | 7.08   | cps   |
| Bromine    | 81-1  | 40822     | 42840     | 42811     | 42157     | 2.74   | cps   |
| Cadmium    | 111-1 | 3492      | 3816      | 3337      | 3548      | 6.89   | cps   |
| Cadmium    | 106-1 | 4042      | 4176      | 3967      | 4062      | 2.60   | cps   |
| Cadmium    | 108-1 | 125       | 88        | 88        | 100       | 21.65  | cps   |
| Calcium    | 43-1  | 11897823  | 11720656  | 11434285  | 11684255  | 2.00   | cps   |
| Calcium    | 44-1  | 193397996 | 191827787 | 190050039 | 191758607 | 0.87   | cps   |
| Carbon     | 12-1  | 6821666   | 7083810   | 7182552   | 7029343   | 2.65   | cps   |
| Carbon     | 12-2  | 94109     | 93253     | 93439     | 93600     | 0.48   | cps   |
| Chlorine   | 35-1  | 112603    | 113989    | 112510    | 113034    | 0.73   | cps   |
| Chlorine   | 35-2  | 925       | 892       | 783       | 867       | 8.55   | cps   |
| Chromium   | 52-2  | 13743     | 13533     | 13653     | 13643     | 0.77   | cps   |
| Cobalt     | 59-2  | 3330      | 3127      | 3167      | 3208      | 3.36   | cps   |
| Copper     | 63-2  | 7209      | 7365      | 7322      | 7299      | 1.11   | cps   |
| Dysprosium | 156-1 | 1325      | 1250      | 1133      | 1236      | 7.81   | cps   |
| Dysprosium | 156-2 | 530       | 533       | 640       | 568       | 11.02  | cps   |
| Erbium     | 164-1 | 75        | 125       | 83        | 94        | 28.36  | cps   |
| Erbium     | 164-2 | 60        | 50        | 57        | 56        | 9.17   | cps   |
| Gadolinium | 160-1 | 1442      | 1533      | 1508      | 1495      | 3.17   | cps   |
| Gadolinium | 160-2 | 653       | 747       | 780       | 727       | 9.04   | cps   |
| Holmium    | 165-1 | 7749361   | 8095399   | 7882361   | 7909041   | 2.21   | cps   |
| Holmium    | 165-2 | 3644467   | 3700510   | 3662495   | 3669157   | 0.78   | cps   |
| Indium     | 115-1 | 6596126   | 6576443   | 6690303   | 6620957   | 0.92   | cps   |
| Indium     | 115-2 | 1089372   | 1084807   | 1083097   | 1085759   | 0.30   | cps   |
| Iron       | 54-2  | 21948877  | 22427312  | 21983725  | 22119972  | 1.21   | cps   |
| Iron       | 56-2  | 405030187 | 407314520 | 399873298 | 404072668 | 0.94   | cps   |
| Iron       | 57-2  | 10538974  | 10241100  | 10210443  | 10330172  | 1.76   | cps   |

|                        |                     |                   |            |
|------------------------|---------------------|-------------------|------------|
| LB Number :            | LB123428            | Operator :        | Jaswal     |
| Lab Sample ID :        | S8                  | Instrumnet Name : | P8         |
| Client Sample ID :     | S8                  | Dilution Factor : | 1          |
| Date & Time Acquired : | 2022-12-22 10:29:31 | DataFile Name :   | 011CAL.S.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Krypton    | 83-1  | 326       | 335       | 350       | 337       | 3.56   | cps   |
| Lead       | 206-1 | 7163      | 10216     | 5685      | 7688      | 30.06  | cps   |
| Lead       | 207-1 | 6352      | 8515      | 4907      | 6591      | 27.55  | cps   |
| Lead       | 208-1 | 28786     | 40587     | 22775     | 30716     | 29.50  | cps   |
| Lithium    | 6-1   | 3863247   | 4146829   | 4078041   | 4029373   | 3.67   | cps   |
| Magnesium  | 24-2  | 96639421  | 93320579  | 94769554  | 94909851  | 1.75   | cps   |
| Manganese  | 55-2  | 10704     | 10771     | 10968     | 10814     | 1.27   | cps   |
| Molybdenum | 94-1  | 9037      | 12707     | 7894      | 9879      | 25.45  | cps   |
| Molybdenum | 95-1  | 12765     | 17130     | 9871      | 13255     | 27.57  | cps   |
| Molybdenum | 96-1  | 26309     | 33428     | 24130     | 27956     | 17.39  | cps   |
| Molybdenum | 97-1  | 7852      | 9863      | 6010      | 7908      | 24.37  | cps   |
| Molybdenum | 98-1  | 18023     | 25716     | 14737     | 19492     | 28.91  | cps   |
| Neodymium  | 150-1 | 67        | 20        | 40        | 42        | 55.45  | cps   |
| Neodymium  | 150-2 | 17        | 7         | 13        | 12        | 41.65  | cps   |
| Nickel     | 60-2  | 2780      | 2520      | 2517      | 2606      | 5.80   | cps   |
| Phosphorus | 31-2  | 208       | 233       | 200       | 214       | 8.11   | cps   |
| Potassium  | 39-2  | 34774117  | 34726296  | 34886806  | 34795740  | 0.24   | cps   |
| Rhodium    | 103-1 | 6074359   | 6211165   | 6096575   | 6127366   | 1.20   | cps   |
| Rhodium    | 103-2 | 2858996   | 2837222   | 2832496   | 2842905   | 0.50   | cps   |
| Scandium   | 45-1  | 5147286   | 5461720   | 5467166   | 5358724   | 3.42   | cps   |
| Scandium   | 45-2  | 204309    | 203683    | 205968    | 204653    | 0.58   | cps   |
| Selenium   | 82-1  | 276       | 292       | 242       | 270       | 9.43   | cps   |
| Selenium   | 77-2  | 3         | 3         | 0         | 2         | 86.60  | cps   |
| Selenium   | 78-2  | 64        | 83        | 84        | 77        | 14.63  | cps   |
| Silicon    | 28-1  | 950762    | 925595    | 932079    | 936145    | 1.40   | cps   |
| Silver     | 107-1 | 4626      | 5851      | 4884      | 5121      | 12.62  | cps   |
| Silver     | 109-1 | 4484      | 5751      | 4726      | 4987      | 13.49  | cps   |
| Sodium     | 23-2  | 181507142 | 180352096 | 178636854 | 180165364 | 0.80   | cps   |
| Strontium  | 86-1  | 21626     | 30024     | 16435     | 22695     | 30.21  | cps   |
| Strontium  | 88-1  | 178058    | 264185    | 142678    | 194973    | 32.05  | cps   |
| Sulfur     | 34-1  | 368912    | 370181    | 377536    | 372210    | 1.25   | cps   |
| Terbium    | 159-1 | 8193028   | 8240589   | 8371633   | 8268417   | 1.12   | cps   |
| Terbium    | 159-2 | 3573470   | 3623562   | 3664220   | 3620418   | 1.26   | cps   |
| Thallium   | 203-1 | 1467      | 2009      | 1458      | 1645      | 19.17  | cps   |
| Thallium   | 205-1 | 4217      | 5402      | 3484      | 4368      | 22.15  | cps   |
| Tin        | 118-1 | 6335      | 7127      | 5193      | 6218      | 15.64  | cps   |



|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | S8                  | Instrumnet Name : | P8        |
| Client Sample ID :     | S8                  | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 10:29:31 | DataFile Name :   | 011CALS.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 3576     | 5001     | 3017     | 3865     | 26.47  | cps   |
| Uranium   | 238-1 | 2775     | 4935     | 1617     | 3109     | 54.17  | cps   |
| Vanadium  | 51-2  | 360      | 410      | 480      | 417      | 14.47  | cps   |
| Ytterbium | 172-1 | 567      | 592      | 442      | 533      | 15.07  | cps   |
| Ytterbium | 172-2 | 300      | 283      | 278      | 287      | 4.03   | cps   |
| Ytterbium | 176-1 | 1717     | 1492     | 1500     | 1570     | 8.13   | cps   |
| Ytterbium | 176-2 | 8697     | 8736     | 8303     | 8579     | 2.80   | cps   |
| Yttrium   | 89-1  | 11775471 | 12436312 | 12695402 | 12302395 | 3.86   | cps   |
| Yttrium   | 89-2  | 1474010  | 1482701  | 1472997  | 1476569  | 0.36   | cps   |
| Zinc      | 66-2  | 2157     | 2157     | 2150     | 2155     | 0.18   | cps   |
| Zirconium | 90-1  | 4151     | 5977     | 3175     | 4434     | 32.07  | cps   |
| Zirconium | 91-1  | 983      | 1450     | 750      | 1061     | 33.59  | cps   |

|                        |                     |                   |          |
|------------------------|---------------------|-------------------|----------|
| LB Number :            | LB123428            | Operator :        | Jaswal   |
| Lab Sample ID :        | ICV05               | Instrumnet Name : | P8       |
| Client Sample ID :     | ICV05               | Dilution Factor : | 1        |
| Date & Time Acquired : | 2022-12-22 10:44:12 | DataFile Name :   | 014ICV.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 36427   | 36154   | 35644   | 36075   | 1.10   | cps   |
| Antimony   | 121-1 | 1176855 | 1147890 | 1170130 | 1164958 | 1.30   | cps   |
| Arsenic    | 75-2  | 41174   | 40535   | 39279   | 40329   | 2.39   | cps   |
| Barium     | 135-1 | 146147  | 149543  | 150322  | 148671  | 1.49   | cps   |
| Barium     | 137-1 | 259964  | 261921  | 260599  | 260828  | 0.38   | cps   |
| Beryllium  | 9-1   | 323687  | 321760  | 315886  | 320445  | 1.27   | cps   |
| Bismuth    | 209-1 | 5550728 | 5482576 | 5668230 | 5567178 | 1.69   | cps   |
| Bismuth    | 209-2 | 2702471 | 2912555 | 2857700 | 2824242 | 3.86   | cps   |
| Boron      | 10-1  | 234143  | 242789  | 248707  | 241880  | 3.03   | cps   |
| Boron      | 11-1  | 958935  | 942848  | 1021846 | 974543  | 4.28   | cps   |
| Bromine    | 81-1  | 45924   | 42419   | 40723   | 43022   | 6.16   | cps   |
| Cadmium    | 111-1 | 202034  | 202425  | 203888  | 202782  | 0.48   | cps   |
| Cadmium    | 106-1 | 40937   | 40118   | 41530   | 40861   | 1.73   | cps   |
| Cadmium    | 108-1 | 23470   | 23629   | 22999   | 23366   | 1.40   | cps   |
| Calcium    | 43-1  | 57636   | 56848   | 55765   | 56750   | 1.65   | cps   |
| Calcium    | 44-1  | 877979  | 879071  | 869869  | 875640  | 0.57   | cps   |
| Carbon     | 12-1  | 6463953 | 6493798 | 6465824 | 6474525 | 0.26   | cps   |
| Carbon     | 12-2  | 73743   | 76298   | 78837   | 76293   | 3.34   | cps   |
| Chlorine   | 35-1  | 115047  | 112905  | 113686  | 113879  | 0.95   | cps   |
| Chlorine   | 35-2  | 783     | 1058    | 933     | 925     | 14.89  | cps   |
| Chromium   | 52-2  | 207469  | 202938  | 202536  | 204314  | 1.34   | cps   |
| Cobalt     | 59-2  | 364339  | 362243  | 356732  | 361105  | 1.09   | cps   |
| Copper     | 63-2  | 276118  | 270546  | 270072  | 272246  | 1.23   | cps   |
| Dysprosium | 156-1 | 33      | 25      | 17      | 25      | 33.32  | cps   |
| Dysprosium | 156-2 | 7       | 3       | 7       | 6       | 34.70  | cps   |
| Erbium     | 164-1 | 92      | 42      | 67      | 67      | 37.50  | cps   |
| Erbium     | 164-2 | 20      | 30      | 17      | 22      | 31.22  | cps   |
| Gadolinium | 160-1 | 92      | 108     | 100     | 100     | 8.33   | cps   |
| Gadolinium | 160-2 | 110     | 90      | 103     | 101     | 10.07  | cps   |
| Holmium    | 165-1 | 7967826 | 8280112 | 8684809 | 8310915 | 4.33   | cps   |
| Holmium    | 165-2 | 3888033 | 3863134 | 3761817 | 3837661 | 1.74   | cps   |
| Indium     | 115-1 | 7305253 | 7291664 | 7347792 | 7314903 | 0.40   | cps   |
| Indium     | 115-2 | 1135640 | 1144959 | 1153015 | 1144538 | 0.76   | cps   |
| Iron       | 54-2  | 190051  | 185379  | 185947  | 187126  | 1.36   | cps   |
| Iron       | 56-2  | 3585702 | 3459982 | 3419830 | 3488505 | 2.48   | cps   |
| Iron       | 57-2  | 82857   | 79744   | 80811   | 81137   | 1.95   | cps   |

|                        |                     |                   |          |
|------------------------|---------------------|-------------------|----------|
| LB Number :            | LB123428            | Operator :        | Jaswal   |
| Lab Sample ID :        | ICV05               | Instrumnet Name : | P8       |
| Client Sample ID :     | ICV05               | Dilution Factor : | 1        |
| Date & Time Acquired : | 2022-12-22 10:44:12 | DataFile Name :   | 014ICV.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Krypton    | 83-1  | 302      | 287      | 315      | 302      | 4.56   | cps   |
| Lead       | 206-1 | 1080959  | 1091802  | 1106847  | 1093203  | 1.19   | cps   |
| Lead       | 207-1 | 927515   | 918278   | 908220   | 918004   | 1.05   | cps   |
| Lead       | 208-1 | 4582940  | 4558309  | 4518623  | 4553291  | 0.71   | cps   |
| Lithium    | 6-1   | 4488451  | 4484716  | 4705937  | 4559701  | 2.78   | cps   |
| Magnesium  | 24-2  | 225951   | 222422   | 218921   | 222431   | 1.58   | cps   |
| Manganese  | 55-2  | 110864   | 107089   | 107525   | 108492   | 1.90   | cps   |
| Molybdenum | 94-1  | 12064798 | 11891667 | 11655372 | 11870612 | 1.73   | cps   |
| Molybdenum | 95-1  | 17082154 | 17127409 | 16861713 | 17023759 | 0.83   | cps   |
| Molybdenum | 96-1  | 18751934 | 18314883 | 18498335 | 18521717 | 1.18   | cps   |
| Molybdenum | 97-1  | 10315879 | 10537463 | 10161824 | 10338389 | 1.83   | cps   |
| Molybdenum | 98-1  | 26853431 | 26492718 | 26116912 | 26487687 | 1.39   | cps   |
| Neodymium  | 150-1 | 13       | 40       | 27       | 27       | 50.01  | cps   |
| Neodymium  | 150-2 | 10       | 7        | 0        | 6        | 91.64  | cps   |
| Nickel     | 60-2  | 107194   | 106620   | 103232   | 105682   | 2.03   | cps   |
| Phosphorus | 31-2  | 175      | 175      | 158      | 169      | 5.68   | cps   |
| Potassium  | 39-2  | 286458   | 282264   | 278856   | 282526   | 1.35   | cps   |
| Rhodium    | 103-1 | 7199239  | 7195423  | 7360213  | 7251625  | 1.30   | cps   |
| Rhodium    | 103-2 | 3288287  | 3292435  | 3316712  | 3299145  | 0.47   | cps   |
| Scandium   | 45-1  | 5595653  | 5722681  | 5811240  | 5709858  | 1.90   | cps   |
| Scandium   | 45-2  | 203848   | 201339   | 204106   | 203098   | 0.75   | cps   |
| Selenium   | 82-1  | 33516    | 33062    | 33005    | 33194    | 0.84   | cps   |
| Selenium   | 77-2  | 1043     | 1080     | 1153     | 1092     | 5.13   | cps   |
| Selenium   | 78-2  | 3557     | 3590     | 3467     | 3538     | 1.80   | cps   |
| Silicon    | 28-1  | 3820616  | 3793564  | 3857604  | 3823928  | 0.84   | cps   |
| Silver     | 107-1 | 470875   | 461194   | 459124   | 463731   | 1.35   | cps   |
| Silver     | 109-1 | 439731   | 440861   | 437110   | 439234   | 0.44   | cps   |
| Sodium     | 23-2  | 740386   | 747457   | 734595   | 740813   | 0.87   | cps   |
| Strontium  | 86-1  | 1188054  | 1171965  | 1181489  | 1180503  | 0.69   | cps   |
| Strontium  | 88-1  | 10166630 | 10127449 | 10125493 | 10139858 | 0.23   | cps   |
| Sulfur     | 34-1  | 339211   | 336380   | 333621   | 336404   | 0.83   | cps   |
| Terbium    | 159-1 | 8808879  | 8613847  | 8918109  | 8780278  | 1.76   | cps   |
| Terbium    | 159-2 | 3763894  | 3801705  | 3771704  | 3779101  | 0.53   | cps   |
| Thallium   | 203-1 | 1317881  | 1317486  | 1326652  | 1320673  | 0.39   | cps   |
| Thallium   | 205-1 | 3398944  | 3336677  | 3323438  | 3353020  | 1.20   | cps   |
| Tin        | 118-1 | 2867180  | 2730606  | 2920646  | 2839477  | 3.45   | cps   |

|                        |                     |                   |          |
|------------------------|---------------------|-------------------|----------|
| LB Number :            | LB123428            | Operator :        | Jaswal   |
| Lab Sample ID :        | ICV05               | Instrumnet Name : | P8       |
| Client Sample ID :     | ICV05               | Dilution Factor : | 1        |
| Date & Time Acquired : | 2022-12-22 10:44:12 | DataFile Name :   | 014ICV.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 5608066  | 5519993  | 5568910  | 5565656  | 0.79   | cps   |
| Uranium   | 238-1 | 10644293 | 10456548 | 10581474 | 10560772 | 0.90   | cps   |
| Vanadium  | 51-2  | 162485   | 157268   | 156767   | 158840   | 1.99   | cps   |
| Ytterbium | 172-1 | 25       | 67       | 50       | 47       | 44.41  | cps   |
| Ytterbium | 172-2 | 33       | 33       | 17       | 28       | 34.63  | cps   |
| Ytterbium | 176-1 | 7953     | 7569     | 7761     | 7761     | 2.47   | cps   |
| Ytterbium | 176-2 | 11405    | 12161    | 12011    | 11859    | 3.38   | cps   |
| Yttrium   | 89-1  | 13111511 | 12751224 | 13181708 | 13014814 | 1.77   | cps   |
| Yttrium   | 89-2  | 1496435  | 1488064  | 1479020  | 1487840  | 0.59   | cps   |
| Zinc      | 66-2  | 70139    | 68173    | 67024    | 68446    | 2.30   | cps   |
| Zirconium | 90-1  | 6392455  | 6396858  | 6396557  | 6395290  | 0.04   | cps   |
| Zirconium | 91-1  | 1452759  | 1444804  | 1450604  | 1449389  | 0.28   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | LLICV01             | Instrumnet Name : | P8        |
| Client Sample ID :     | LLICV01             | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 10:54:07 | DataFile Name :   | 015LLIC.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 1587    | 1585    | 1472    | 1548    | 4.24   | cps   |
| Antimony   | 121-1 | 11280   | 10821   | 11472   | 11191   | 2.99   | cps   |
| Arsenic    | 75-2  | 225     | 200     | 210     | 212     | 5.95   | cps   |
| Barium     | 135-1 | 13974   | 13290   | 13632   | 13632   | 2.51   | cps   |
| Barium     | 137-1 | 24949   | 23204   | 23680   | 23944   | 3.77   | cps   |
| Beryllium  | 9-1   | 3499    | 3519    | 3426    | 3481    | 1.40   | cps   |
| Bismuth    | 209-1 | 5360325 | 5347698 | 5358507 | 5355510 | 0.13   | cps   |
| Bismuth    | 209-2 | 2808474 | 2685111 | 2750862 | 2748149 | 2.25   | cps   |
| Boron      | 10-1  | 21397   | 21954   | 21908   | 21753   | 1.42   | cps   |
| Boron      | 11-1  | 95593   | 98667   | 96130   | 96797   | 1.70   | cps   |
| Bromine    | 81-1  | 42720   | 43422   | 46446   | 44196   | 4.48   | cps   |
| Cadmium    | 111-1 | 4463    | 4613    | 4416    | 4497    | 2.29   | cps   |
| Cadmium    | 106-1 | 4109    | 4042    | 4176    | 4109    | 1.62   | cps   |
| Cadmium    | 108-1 | 150     | 167     | 142     | 153     | 8.33   | cps   |
| Calcium    | 43-1  | 12426   | 12177   | 12297   | 12300   | 1.01   | cps   |
| Calcium    | 44-1  | 209376  | 206524  | 207657  | 207852  | 0.69   | cps   |
| Carbon     | 12-1  | 6340044 | 6342712 | 6332007 | 6338254 | 0.09   | cps   |
| Carbon     | 12-2  | 75235   | 76448   | 75176   | 75620   | 0.95   | cps   |
| Chlorine   | 35-1  | 113241  | 112409  | 111008  | 112219  | 1.01   | cps   |
| Chlorine   | 35-2  | 867     | 958     | 767     | 864     | 11.10  | cps   |
| Chromium   | 52-2  | 4878    | 4734    | 4727    | 4780    | 1.77   | cps   |
| Cobalt     | 59-2  | 3507    | 3824    | 3717    | 3683    | 4.38   | cps   |
| Copper     | 63-2  | 6832    | 6538    | 6775    | 6715    | 2.32   | cps   |
| Dysprosium | 156-1 | 8       | 8       | 8       | 8       | 0.00   | cps   |
| Dysprosium | 156-2 | 0       | 7       | 3       | 3       | 100.05 | cps   |
| Erbium     | 164-1 | 33      | 67      | 58      | 53      | 32.87  | cps   |
| Erbium     | 164-2 | 13      | 27      | 43      | 28      | 54.11  | cps   |
| Gadolinium | 160-1 | 67      | 42      | 58      | 56      | 22.91  | cps   |
| Gadolinium | 160-2 | 150     | 107     | 147     | 134     | 17.93  | cps   |
| Holmium    | 165-1 | 8320393 | 8405877 | 8371455 | 8365909 | 0.51   | cps   |
| Holmium    | 165-2 | 3690978 | 3735015 | 3650784 | 3692259 | 1.14   | cps   |
| Indium     | 115-1 | 7357139 | 7392360 | 7565117 | 7438205 | 1.50   | cps   |
| Indium     | 115-2 | 1168681 | 1158485 | 1173753 | 1166973 | 0.67   | cps   |
| Iron       | 54-2  | 5729    | 5029    | 5095    | 5284    | 7.31   | cps   |
| Iron       | 56-2  | 90626   | 88615   | 88909   | 89383   | 1.22   | cps   |
| Iron       | 57-2  | 2517    | 2417    | 2384    | 2439    | 2.85   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | LLICV01             | Instrumnet Name : | P8        |
| Client Sample ID :     | LLICV01             | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 10:54:07 | DataFile Name :   | 015LLIC.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Krypton    | 83-1  | 287     | 315     | 264     | 289     | 8.88   | cps   |
| Lead       | 206-1 | 5151    | 5123    | 5229    | 5168    | 1.06   | cps   |
| Lead       | 207-1 | 4545    | 4562    | 4384    | 4497    | 2.18   | cps   |
| Lead       | 208-1 | 21152   | 20818   | 20713   | 20894   | 1.10   | cps   |
| Lithium    | 6-1   | 4663535 | 4589583 | 4666634 | 4639917 | 0.94   | cps   |
| Magnesium  | 24-2  | 97979   | 98206   | 95906   | 97364   | 1.30   | cps   |
| Manganese  | 55-2  | 1243    | 1247    | 1270    | 1253    | 1.16   | cps   |
| Molybdenum | 94-1  | 14375   | 15034   | 15501   | 14970   | 3.78   | cps   |
| Molybdenum | 95-1  | 18313   | 17820   | 18955   | 18363   | 3.10   | cps   |
| Molybdenum | 96-1  | 20365   | 19456   | 20307   | 20043   | 2.54   | cps   |
| Molybdenum | 97-1  | 10838   | 10638   | 11930   | 11135   | 6.25   | cps   |
| Molybdenum | 98-1  | 28427   | 28520   | 29813   | 28920   | 2.68   | cps   |
| Neodymium  | 150-1 | 7       | 27      | 13      | 16      | 65.47  | cps   |
| Neodymium  | 150-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 1127    | 1087    | 1060    | 1091    | 3.08   | cps   |
| Phosphorus | 31-2  | 333     | 333     | 225     | 297     | 21.04  | cps   |
| Potassium  | 39-2  | 90466   | 90015   | 90022   | 90168   | 0.29   | cps   |
| Rhodium    | 103-1 | 7433023 | 7153472 | 7311279 | 7299258 | 1.92   | cps   |
| Rhodium    | 103-2 | 3355970 | 3240592 | 3383362 | 3326641 | 2.28   | cps   |
| Scandium   | 45-1  | 5997678 | 5639666 | 5824938 | 5820761 | 3.08   | cps   |
| Scandium   | 45-2  | 208436  | 206131  | 204923  | 206497  | 0.86   | cps   |
| Selenium   | 82-1  | 792     | 766     | 855     | 805     | 5.67   | cps   |
| Selenium   | 77-2  | 43      | 17      | 33      | 31      | 43.29  | cps   |
| Selenium   | 78-2  | 167     | 152     | 144     | 154     | 7.56   | cps   |
| Silicon    | 28-1  | 881247  | 857242  | 888264  | 875584  | 1.86   | cps   |
| Silver     | 107-1 | 9554    | 9262    | 9562    | 9459    | 1.81   | cps   |
| Silver     | 109-1 | 9370    | 9178    | 8444    | 8998    | 5.43   | cps   |
| Sodium     | 23-2  | 213214  | 212865  | 210828  | 212302  | 0.61   | cps   |
| Strontium  | 86-1  | 2700    | 2767    | 3225    | 2898    | 9.87   | cps   |
| Strontium  | 88-1  | 21500   | 20199   | 22511   | 21403   | 5.42   | cps   |
| Sulfur     | 34-1  | 379178  | 379137  | 384595  | 380970  | 0.82   | cps   |
| Terbium    | 159-1 | 8732251 | 8625234 | 8398687 | 8585391 | 1.98   | cps   |
| Terbium    | 159-2 | 3714878 | 3753656 | 3740298 | 3736278 | 0.53   | cps   |
| Thallium   | 203-1 | 6293    | 6243    | 5718    | 6085    | 5.24   | cps   |
| Thallium   | 205-1 | 13716   | 13950   | 12965   | 13544   | 3.80   | cps   |
| Tin        | 118-1 | 26944   | 27520   | 27721   | 27395   | 1.47   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | LLICV01             | Instrumnet Name : | P8        |
| Client Sample ID :     | LLICV01             | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 10:54:07 | DataFile Name :   | 015LLIC.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 6110     | 5976     | 6393     | 6160     | 3.46   | cps   |
| Uranium   | 238-1 | 17830    | 18030    | 17154    | 17671    | 2.60   | cps   |
| Vanadium  | 51-2  | 8169     | 8479     | 8169     | 8272     | 2.16   | cps   |
| Ytterbium | 172-1 | 75       | 50       | 33       | 53       | 39.74  | cps   |
| Ytterbium | 172-2 | 39       | 44       | 28       | 37       | 22.91  | cps   |
| Ytterbium | 176-1 | 1208     | 1200     | 1133     | 1181     | 3.48   | cps   |
| Ytterbium | 176-2 | 8208     | 9643     | 9542     | 9131     | 8.77   | cps   |
| Yttrium   | 89-1  | 13242578 | 13421242 | 13674378 | 13446066 | 1.61   | cps   |
| Yttrium   | 89-2  | 1501386  | 1505118  | 1545734  | 1517413  | 1.62   | cps   |
| Zinc      | 66-2  | 833      | 810      | 890      | 844      | 4.87   | cps   |
| Zirconium | 90-1  | 12581    | 12614    | 12840    | 12678    | 1.11   | cps   |
| Zirconium | 91-1  | 2692     | 2459     | 2850     | 2667     | 7.39   | cps   |

LB Number : LB123428 Operator : Jaswal  
 Lab Sample ID : ICB05 Instrumnet Name : P8  
 Client Sample ID : ICB05 Dilution Factor : 1  
 Date & Time Acquired : 2022-12-22 10:57:16 DataFile Name : 016CCBE.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 105     | 124     | 119     | 116     | 8.38   | cps   |
| Antimony   | 121-1 | 142     | 342     | 292     | 258     | 40.29  | cps   |
| Arsenic    | 75-2  | 6       | 11      | 5       | 7       | 43.83  | cps   |
| Barium     | 135-1 | 42      | 100     | 75      | 72      | 40.52  | cps   |
| Barium     | 137-1 | 117     | 108     | 92      | 106     | 12.06  | cps   |
| Beryllium  | 9-1   | 102     | 119     | 107     | 110     | 7.60   | cps   |
| Bismuth    | 209-1 | 5457989 | 5185791 | 5253611 | 5299130 | 2.67   | cps   |
| Bismuth    | 209-2 | 2831876 | 2756125 | 2752163 | 2780055 | 1.62   | cps   |
| Boron      | 10-1  | 10334   | 9767    | 9411    | 9837    | 4.73   | cps   |
| Boron      | 11-1  | 44201   | 43873   | 42567   | 43547   | 1.99   | cps   |
| Bromine    | 81-1  | 45994   | 42641   | 44699   | 44445   | 3.81   | cps   |
| Cadmium    | 111-1 | 2903    | 2826    | 2767    | 2832    | 2.41   | cps   |
| Cadmium    | 106-1 | 4151    | 3976    | 3909    | 4012    | 3.11   | cps   |
| Cadmium    | 108-1 | 21      | 46      | 33      | 33      | 37.50  | cps   |
| Calcium    | 43-1  | 196     | 187     | 200     | 195     | 3.30   | cps   |
| Calcium    | 44-1  | 12242   | 12306   | 12161   | 12237   | 0.59   | cps   |
| Carbon     | 12-1  | 6431400 | 6440291 | 6521064 | 6464252 | 0.76   | cps   |
| Carbon     | 12-2  | 78451   | 76758   | 78275   | 77828   | 1.20   | cps   |
| Chlorine   | 35-1  | 113333  | 111671  | 111553  | 112186  | 0.89   | cps   |
| Chlorine   | 35-2  | 1033    | 600     | 725     | 786     | 28.37  | cps   |
| Chromium   | 52-2  | 780     | 683     | 700     | 721     | 7.17   | cps   |
| Cobalt     | 59-2  | 87      | 103     | 97      | 96      | 8.78   | cps   |
| Copper     | 63-2  | 1113    | 1073    | 1037    | 1074    | 3.57   | cps   |
| Dysprosium | 156-1 | 0       | 8       | 8       | 6       | 86.60  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 50      | 58      | 75      | 61      | 20.83  | cps   |
| Erbium     | 164-2 | 7       | 27      | 13      | 16      | 65.47  | cps   |
| Gadolinium | 160-1 | 83      | 83      | 83      | 83      | 0.00   | cps   |
| Gadolinium | 160-2 | 127     | 107     | 130     | 121     | 10.42  | cps   |
| Holmium    | 165-1 | 8540974 | 8050740 | 8398443 | 8330052 | 3.03   | cps   |
| Holmium    | 165-2 | 3788268 | 3707086 | 3843406 | 3779587 | 1.81   | cps   |
| Indium     | 115-1 | 7579930 | 7257860 | 7650251 | 7496014 | 2.79   | cps   |
| Indium     | 115-2 | 1190507 | 1156830 | 1165195 | 1170844 | 1.50   | cps   |
| Iron       | 54-2  | 906     | 694     | 800     | 800     | 13.20  | cps   |
| Iron       | 56-2  | 5507    | 5351    | 5101    | 5320    | 3.85   | cps   |
| Iron       | 57-2  | 328     | 261     | 267     | 285     | 12.97  | cps   |



|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | ICB05               | Instrumnet Name : | P8        |
| Client Sample ID :     | ICB05               | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 10:57:16 | DataFile Name :   | 016CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Krypton    | 83-1  | 305     | 289     | 270     | 288     | 6.08   | cps   |
| Lead       | 206-1 | 833     | 917     | 906     | 885     | 5.11   | cps   |
| Lead       | 207-1 | 617     | 717     | 744     | 693     | 9.70   | cps   |
| Lead       | 208-1 | 3389    | 3517    | 3395    | 3434    | 2.10   | cps   |
| Lithium    | 6-1   | 4511666 | 4333608 | 4579608 | 4474961 | 2.84   | cps   |
| Magnesium  | 24-2  | 592     | 483     | 383     | 486     | 21.43  | cps   |
| Manganese  | 55-2  | 87      | 90      | 107     | 94      | 11.35  | cps   |
| Molybdenum | 94-1  | 608     | 1834    | 1383    | 1275    | 48.60  | cps   |
| Molybdenum | 95-1  | 783     | 2409    | 1575    | 1589    | 51.14  | cps   |
| Molybdenum | 96-1  | 733     | 2650    | 1884    | 1756    | 54.95  | cps   |
| Molybdenum | 97-1  | 300     | 1492    | 850     | 881     | 67.73  | cps   |
| Molybdenum | 98-1  | 1074    | 4050    | 2308    | 2477    | 60.34  | cps   |
| Neodymium  | 150-1 | 13      | 7       | 13      | 11      | 34.61  | cps   |
| Neodymium  | 150-2 | 0       | 7       | 0       | 2       | 173.21 | cps   |
| Nickel     | 60-2  | 90      | 57      | 47      | 64      | 35.20  | cps   |
| Phosphorus | 31-2  | 158     | 100     | 183     | 147     | 29.05  | cps   |
| Potassium  | 39-2  | 22885   | 22860   | 23553   | 23100   | 1.70   | cps   |
| Rhodium    | 103-1 | 7394102 | 7325177 | 7239034 | 7319438 | 1.06   | cps   |
| Rhodium    | 103-2 | 3427784 | 3345189 | 3357056 | 3376676 | 1.32   | cps   |
| Scandium   | 45-1  | 5773066 | 5878172 | 5816195 | 5822478 | 0.91   | cps   |
| Scandium   | 45-2  | 205339  | 206710  | 209651  | 207233  | 1.06   | cps   |
| Selenium   | 82-1  | -29     | 64      | 40      | 25      | 192.17 | cps   |
| Selenium   | 77-2  | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 66      | 72      | 81      | 73      | 10.34  | cps   |
| Silicon    | 28-1  | 821463  | 816124  | 828466  | 822018  | 0.75   | cps   |
| Silver     | 107-1 | 592     | 475     | 550     | 539     | 10.97  | cps   |
| Silver     | 109-1 | 542     | 458     | 617     | 539     | 14.70  | cps   |
| Sodium     | 23-2  | 33197   | 31718   | 32211   | 32375   | 2.32   | cps   |
| Strontium  | 86-1  | 683     | 900     | 667     | 750     | 17.36  | cps   |
| Strontium  | 88-1  | 1217    | 2534    | 1967    | 1906    | 34.66  | cps   |
| Sulfur     | 34-1  | 388019  | 388221  | 385017  | 387086  | 0.46   | cps   |
| Terbium    | 159-1 | 8538034 | 8963332 | 8871690 | 8791019 | 2.55   | cps   |
| Terbium    | 159-2 | 3860958 | 3800573 | 3710042 | 3790525 | 2.00   | cps   |
| Thallium   | 203-1 | 308     | 350     | 408     | 356     | 14.13  | cps   |
| Thallium   | 205-1 | 767     | 1092    | 858     | 906     | 18.50  | cps   |
| Tin        | 118-1 | 1117    | 1192    | 1083    | 1131    | 4.91   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | ICB05               | Instrumnet Name : | P8        |
| Client Sample ID :     | ICB05               | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 10:57:16 | DataFile Name :   | 016CCBE.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 625      | 1208     | 817      | 883      | 33.66  | cps   |
| Uranium   | 238-1 | 258      | 1567     | 817      | 881      | 74.56  | cps   |
| Vanadium  | 51-2  | 10       | 20       | 17       | 16       | 32.73  | cps   |
| Ytterbium | 172-1 | 42       | 42       | 25       | 36       | 26.65  | cps   |
| Ytterbium | 172-2 | 17       | 0        | 17       | 11       | 86.60  | cps   |
| Ytterbium | 176-1 | 1217     | 1267     | 1167     | 1217     | 4.11   | cps   |
| Ytterbium | 176-2 | 8720     | 9259     | 9025     | 9001     | 3.00   | cps   |
| Yttrium   | 89-1  | 12892256 | 13032583 | 13228171 | 13051003 | 1.29   | cps   |
| Yttrium   | 89-2  | 1542862  | 1517859  | 1525091  | 1528604  | 0.84   | cps   |
| Zinc      | 66-2  | 203      | 167      | 193      | 188      | 10.09  | cps   |
| Zirconium | 90-1  | 750      | 1283     | 992      | 1008     | 26.49  | cps   |
| Zirconium | 91-1  | 133      | 317      | 208      | 219      | 42.00  | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | ICSA05              | Instrumnet Name : | P8        |
| Client Sample ID :     | ICSA05              | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:00:28 | DataFile Name :   | 017ICSA.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 7241075   | 7027493   | 7096015   | 7121528   | 1.53   | cps   |
| Antimony   | 121-1 | 6852      | 6077      | 6652      | 6527      | 6.17   | cps   |
| Arsenic    | 75-2  | 59        | 84        | 73        | 72        | 17.40  | cps   |
| Barium     | 135-1 | 2184      | 2142      | 2042      | 2122      | 3.43   | cps   |
| Barium     | 137-1 | 3959      | 4159      | 4076      | 4065      | 2.47   | cps   |
| Beryllium  | 9-1   | 869       | 896       | 890       | 885       | 1.63   | cps   |
| Bismuth    | 209-1 | 5048881   | 5348285   | 4950630   | 5115932   | 4.05   | cps   |
| Bismuth    | 209-2 | 2532209   | 2632732   | 2619013   | 2594651   | 2.10   | cps   |
| Boron      | 10-1  | 8693      | 8207      | 7955      | 8285      | 4.53   | cps   |
| Boron      | 11-1  | 36736     | 36582     | 35147     | 36155     | 2.42   | cps   |
| Bromine    | 81-1  | 47118     | 45652     | 45903     | 46224     | 1.70   | cps   |
| Cadmium    | 111-1 | 3471      | 3854      | 3498      | 3607      | 5.92   | cps   |
| Cadmium    | 106-1 | 3984      | 4309      | 4167      | 4154      | 3.92   | cps   |
| Cadmium    | 108-1 | 1538      | 1554      | 1546      | 1546      | 0.54   | cps   |
| Calcium    | 43-1  | 2545161   | 2550510   | 2512395   | 2536022   | 0.81   | cps   |
| Calcium    | 44-1  | 40313521  | 39941234  | 40801797  | 40352184  | 1.07   | cps   |
| Carbon     | 12-1  | 28376666  | 29029459  | 28785870  | 28730665  | 1.15   | cps   |
| Carbon     | 12-2  | 333212    | 330221    | 325209    | 329547    | 1.23   | cps   |
| Chlorine   | 35-1  | 15585732  | 17812725  | 19714002  | 17704153  | 11.67  | cps   |
| Chlorine   | 35-2  | 178710    | 190315    | 196918    | 188648    | 4.89   | cps   |
| Chromium   | 52-2  | 41085     | 41290     | 40845     | 41073     | 0.54   | cps   |
| Cobalt     | 59-2  | 4434      | 4194      | 4444      | 4357      | 3.25   | cps   |
| Copper     | 63-2  | 21630     | 21179     | 21506     | 21438     | 1.09   | cps   |
| Dysprosium | 156-1 | 33        | 8         | 42        | 28        | 62.46  | cps   |
| Dysprosium | 156-2 | 10        | 7         | 10        | 9         | 21.63  | cps   |
| Erbium     | 164-1 | 167       | 108       | 75        | 117       | 39.77  | cps   |
| Erbium     | 164-2 | 20        | 27        | 37        | 28        | 30.20  | cps   |
| Gadolinium | 160-1 | 58        | 117       | 125       | 100       | 36.33  | cps   |
| Gadolinium | 160-2 | 107       | 103       | 97        | 102       | 4.98   | cps   |
| Holmium    | 165-1 | 8418574   | 8839857   | 8462546   | 8573659   | 2.70   | cps   |
| Holmium    | 165-2 | 3783817   | 3841892   | 3795731   | 3807146   | 0.81   | cps   |
| Indium     | 115-1 | 7266617   | 7621302   | 7156074   | 7347998   | 3.31   | cps   |
| Indium     | 115-2 | 1107826   | 1112455   | 1136643   | 1118974   | 1.38   | cps   |
| Iron       | 54-2  | 9551825   | 9356501   | 9335931   | 9414752   | 1.27   | cps   |
| Iron       | 56-2  | 175527793 | 170220554 | 171025259 | 172257869 | 1.66   | cps   |
| Iron       | 57-2  | 4332847   | 4417032   | 4208219   | 4319366   | 2.43   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | ICSA05              | Instrumnet Name : | P8        |
| Client Sample ID :     | ICSA05              | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:00:28 | DataFile Name :   | 017ICSA.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Krypton    | 83-1  | 326      | 320      | 331      | 326      | 1.73   | cps   |
| Lead       | 206-1 | 28354    | 28838    | 27324    | 28172    | 2.75   | cps   |
| Lead       | 207-1 | 22397    | 22982    | 21969    | 22449    | 2.27   | cps   |
| Lead       | 208-1 | 107933   | 109889   | 105503   | 107775   | 2.04   | cps   |
| Lithium    | 6-1   | 4415240  | 4504300  | 4362186  | 4427242  | 1.62   | cps   |
| Magnesium  | 24-2  | 18722062 | 18769306 | 18458208 | 18649859 | 0.90   | cps   |
| Manganese  | 55-2  | 8613     | 8626     | 9023     | 8754     | 2.66   | cps   |
| Molybdenum | 94-1  | 4067941  | 4118376  | 4008345  | 4064887  | 1.35   | cps   |
| Molybdenum | 95-1  | 7072443  | 6968642  | 7058426  | 7033170  | 0.80   | cps   |
| Molybdenum | 96-1  | 7432998  | 7666460  | 7494932  | 7531463  | 1.61   | cps   |
| Molybdenum | 97-1  | 4311147  | 4479864  | 4313244  | 4368085  | 2.22   | cps   |
| Molybdenum | 98-1  | 11210999 | 11265393 | 11087403 | 11187932 | 0.82   | cps   |
| Neodymium  | 150-1 | 27       | 33       | 27       | 29       | 13.31  | cps   |
| Neodymium  | 150-2 | 0        | 3        | 27       | 10       | 145.32 | cps   |
| Nickel     | 60-2  | 5214     | 5334     | 5531     | 5360     | 2.98   | cps   |
| Phosphorus | 31-2  | 439528   | 436974   | 431886   | 436129   | 0.89   | cps   |
| Potassium  | 39-2  | 13664829 | 13361946 | 13408435 | 13478403 | 1.21   | cps   |
| Rhodium    | 103-1 | 6883831  | 7317235  | 6677791  | 6959619  | 4.69   | cps   |
| Rhodium    | 103-2 | 3072267  | 3129362  | 3082979  | 3094869  | 0.98   | cps   |
| Scandium   | 45-1  | 5740098  | 5849906  | 5621547  | 5737184  | 1.99   | cps   |
| Scandium   | 45-2  | 201588   | 201091   | 202532   | 201737   | 0.36   | cps   |
| Selenium   | 82-1  | 28       | 49       | 20       | 32       | 46.48  | cps   |
| Selenium   | 77-2  | 0        | 0        | 10       | 3        | 173.21 | cps   |
| Selenium   | 78-2  | 73       | 69       | 74       | 72       | 3.67   | cps   |
| Silicon    | 28-1  | 1009373  | 987988   | 1002283  | 999881   | 1.09   | cps   |
| Silver     | 107-1 | 392      | 425      | 267      | 361      | 23.12  | cps   |
| Silver     | 109-1 | 267      | 383      | 267      | 306      | 22.04  | cps   |
| Sodium     | 23-2  | 36376887 | 36598373 | 35838887 | 36271382 | 1.08   | cps   |
| Strontium  | 86-1  | 79267    | 79451    | 81648    | 80122    | 1.65   | cps   |
| Strontium  | 88-1  | 674485   | 691341   | 696455   | 687427   | 1.67   | cps   |
| Sulfur     | 34-1  | 4613081  | 4690993  | 4588289  | 4630788  | 1.16   | cps   |
| Terbium    | 159-1 | 8762007  | 9175427  | 8708172  | 8881869  | 2.88   | cps   |
| Terbium    | 159-2 | 3799168  | 3882400  | 3562338  | 3747969  | 4.43   | cps   |
| Thallium   | 203-1 | 958      | 975      | 1008     | 981      | 2.60   | cps   |
| Thallium   | 205-1 | 2425     | 2359     | 2617     | 2467     | 5.44   | cps   |
| Tin        | 118-1 | 2225     | 2009     | 1984     | 2072     | 6.41   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | ICSA05              | Instrumnet Name : | P8        |
| Client Sample ID :     | ICSA05              | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:00:28 | DataFile Name :   | 017ICSA.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 2453083  | 2397374  | 2400687  | 2417048  | 1.29   | cps   |
| Uranium   | 238-1 | 517      | 558      | 517      | 531      | 4.53   | cps   |
| Vanadium  | 51-2  | 290      | 243      | 253      | 262      | 9.37   | cps   |
| Ytterbium | 172-1 | 42       | 83       | 58       | 61       | 34.32  | cps   |
| Ytterbium | 172-2 | 33       | 44       | 33       | 37       | 17.33  | cps   |
| Ytterbium | 176-1 | 1242     | 1375     | 1275     | 1297     | 5.35   | cps   |
| Ytterbium | 176-2 | 8681     | 9120     | 9426     | 9075     | 4.13   | cps   |
| Yttrium   | 89-1  | 12669482 | 13341671 | 12958456 | 12989870 | 2.60   | cps   |
| Yttrium   | 89-2  | 1423830  | 1496569  | 1444974  | 1455124  | 2.57   | cps   |
| Zinc      | 66-2  | 3834     | 3854     | 4074     | 3921     | 3.40   | cps   |
| Zirconium | 90-1  | 767      | 800      | 883      | 817      | 7.36   | cps   |
| Zirconium | 91-1  | 183      | 142      | 217      | 181      | 20.81  | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | ICSAB05             | Instrumnet Name : | P8        |
| Client Sample ID :     | ICSAB05             | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:08:10 | DataFile Name :   | 018ICSB.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 7363500   | 7065136   | 7017514   | 7148717   | 2.62   | cps   |
| Antimony   | 121-1 | 123482    | 124203    | 121757    | 123147    | 1.02   | cps   |
| Arsenic    | 75-2  | 3985      | 3945      | 3876      | 3935      | 1.40   | cps   |
| Barium     | 135-1 | 32899     | 32122     | 30610     | 31877     | 3.65   | cps   |
| Barium     | 137-1 | 56402     | 56971     | 54987     | 56120     | 1.82   | cps   |
| Beryllium  | 9-1   | 63042     | 62765     | 62221     | 62676     | 0.67   | cps   |
| Bismuth    | 209-1 | 5013818   | 4956533   | 5024861   | 4998404   | 0.73   | cps   |
| Bismuth    | 209-2 | 2684413   | 2639434   | 2671438   | 2665095   | 0.87   | cps   |
| Boron      | 10-1  | 14144     | 14662     | 14310     | 14372     | 1.84   | cps   |
| Boron      | 11-1  | 62721     | 62797     | 62144     | 62554     | 0.57   | cps   |
| Bromine    | 81-1  | 48154     | 46507     | 45341     | 46667     | 3.03   | cps   |
| Cadmium    | 111-1 | 38445     | 39772     | 38035     | 38751     | 2.34   | cps   |
| Cadmium    | 106-1 | 8036      | 8503      | 8136      | 8225      | 2.99   | cps   |
| Cadmium    | 108-1 | 4276      | 4197      | 4026      | 4166      | 3.07   | cps   |
| Calcium    | 43-1  | 2631949   | 2605064   | 2678472   | 2638495   | 1.41   | cps   |
| Calcium    | 44-1  | 41390300  | 42063178  | 42702549  | 42052009  | 1.56   | cps   |
| Carbon     | 12-1  | 29895783  | 29601615  | 29885325  | 29794241  | 0.56   | cps   |
| Carbon     | 12-2  | 344506    | 335522    | 330671    | 336900    | 2.08   | cps   |
| Chlorine   | 35-1  | 18635306  | 21553429  | 24130406  | 21439714  | 12.82  | cps   |
| Chlorine   | 35-2  | 212944    | 215300    | 220647    | 216297    | 1.82   | cps   |
| Chromium   | 52-2  | 83060     | 80817     | 80130     | 81335     | 1.88   | cps   |
| Cobalt     | 59-2  | 75965     | 75905     | 72500     | 74790     | 2.65   | cps   |
| Copper     | 63-2  | 80950     | 79606     | 79803     | 80119     | 0.91   | cps   |
| Dysprosium | 156-1 | 25        | 42        | 50        | 39        | 32.73  | cps   |
| Dysprosium | 156-2 | 13        | 13        | 3         | 10        | 57.75  | cps   |
| Erbium     | 164-1 | 83        | 83        | 108       | 92        | 15.74  | cps   |
| Erbium     | 164-2 | 17        | 37        | 20        | 24        | 43.83  | cps   |
| Gadolinium | 160-1 | 92        | 67        | 92        | 83        | 17.32  | cps   |
| Gadolinium | 160-2 | 130       | 113       | 107       | 117       | 10.30  | cps   |
| Holmium    | 165-1 | 8534625   | 8419243   | 8499047   | 8484305   | 0.70   | cps   |
| Holmium    | 165-2 | 3897787   | 3863041   | 3773953   | 3844927   | 1.66   | cps   |
| Indium     | 115-1 | 7388417   | 7491891   | 6953877   | 7278062   | 3.92   | cps   |
| Indium     | 115-2 | 1157822   | 1137725   | 1158388   | 1151312   | 1.02   | cps   |
| Iron       | 54-2  | 9583105   | 9264201   | 9282097   | 9376468   | 1.91   | cps   |
| Iron       | 56-2  | 172889454 | 170964954 | 167186337 | 170346915 | 1.70   | cps   |
| Iron       | 57-2  | 4393234   | 4266396   | 4178440   | 4279357   | 2.52   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | ICSAB05             | Instrumnet Name : | P8        |
| Client Sample ID :     | ICSAB05             | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:08:10 | DataFile Name :   | 018ICSB.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Krypton    | 83-1  | 262      | 317      | 304      | 295      | 9.72   | cps   |
| Lead       | 206-1 | 134677   | 136965   | 134939   | 135527   | 0.92   | cps   |
| Lead       | 207-1 | 111635   | 118389   | 114245   | 114756   | 2.97   | cps   |
| Lead       | 208-1 | 524587   | 531599   | 523559   | 526582   | 0.83   | cps   |
| Lithium    | 6-1   | 4459092  | 4646299  | 4516653  | 4540681  | 2.11   | cps   |
| Magnesium  | 24-2  | 18898409 | 18610143 | 18471639 | 18660064 | 1.17   | cps   |
| Manganese  | 55-2  | 31101    | 29113    | 29885    | 30033    | 3.34   | cps   |
| Molybdenum | 94-1  | 4273936  | 4356678  | 4209084  | 4279899  | 1.73   | cps   |
| Molybdenum | 95-1  | 7225767  | 7140010  | 7088940  | 7151572  | 0.97   | cps   |
| Molybdenum | 96-1  | 7764812  | 7649612  | 7688363  | 7700929  | 0.76   | cps   |
| Molybdenum | 97-1  | 4396970  | 4486330  | 4376211  | 4419837  | 1.32   | cps   |
| Molybdenum | 98-1  | 11198597 | 11355235 | 11234976 | 11262936 | 0.73   | cps   |
| Neodymium  | 150-1 | 47       | 67       | 33       | 49       | 34.32  | cps   |
| Neodymium  | 150-2 | 13       | 10       | 7        | 10       | 33.30  | cps   |
| Nickel     | 60-2  | 25900    | 24652    | 24621    | 25058    | 2.91   | cps   |
| Phosphorus | 31-2  | 449059   | 436964   | 428349   | 438124   | 2.37   | cps   |
| Potassium  | 39-2  | 14233771 | 13616822 | 13662587 | 13837727 | 2.48   | cps   |
| Rhodium    | 103-1 | 6856942  | 7200574  | 6852629  | 6970048  | 2.86   | cps   |
| Rhodium    | 103-2 | 3068592  | 3174291  | 3168848  | 3137244  | 1.90   | cps   |
| Scandium   | 45-1  | 5647554  | 5944725  | 5883000  | 5825093  | 2.69   | cps   |
| Scandium   | 45-2  | 211321   | 205703   | 202956   | 206660   | 2.06   | cps   |
| Selenium   | 82-1  | 3153     | 3311     | 3199     | 3221     | 2.54   | cps   |
| Selenium   | 77-2  | 110      | 117      | 93       | 107      | 11.27  | cps   |
| Selenium   | 78-2  | 422      | 401      | 389      | 404      | 4.13   | cps   |
| Silicon    | 28-1  | 1158090  | 1123493  | 1122101  | 1134561  | 1.80   | cps   |
| Silver     | 107-1 | 171270   | 173071   | 165532   | 169958   | 2.32   | cps   |
| Silver     | 109-1 | 163300   | 170105   | 169592   | 167666   | 2.26   | cps   |
| Sodium     | 23-2  | 37196903 | 36841281 | 36248836 | 36762340 | 1.30   | cps   |
| Strontium  | 86-1  | 130382   | 131122   | 128684   | 130063   | 0.96   | cps   |
| Strontium  | 88-1  | 1146403  | 1153531  | 1128353  | 1142762  | 1.14   | cps   |
| Sulfur     | 34-1  | 4687072  | 4779468  | 4703960  | 4723500  | 1.04   | cps   |
| Terbium    | 159-1 | 8863422  | 9093160  | 8700955  | 8885845  | 2.22   | cps   |
| Terbium    | 159-2 | 3871159  | 3809807  | 3762470  | 3814479  | 1.43   | cps   |
| Thallium   | 203-1 | 132483   | 133934   | 125920   | 130779   | 3.27   | cps   |
| Thallium   | 205-1 | 323043   | 324533   | 318205   | 321927   | 1.03   | cps   |
| Tin        | 118-1 | 112244   | 115312   | 108850   | 112135   | 2.88   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | ICSAB05             | Instrumnet Name : | P8        |
| Client Sample ID :     | ICSAB05             | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:08:10 | DataFile Name :   | 018ICSB.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 2492541  | 2540440  | 2507087  | 2513356  | 0.98   | cps   |
| Uranium   | 238-1 | 379088   | 382217   | 373325   | 378210   | 1.19   | cps   |
| Vanadium  | 51-2  | 33653    | 31919    | 33189    | 32920    | 2.73   | cps   |
| Ytterbium | 172-1 | 33       | 42       | 17       | 31       | 41.66  | cps   |
| Ytterbium | 172-2 | 28       | 11       | 28       | 22       | 43.31  | cps   |
| Ytterbium | 176-1 | 1392     | 1408     | 1400     | 1400     | 0.59   | cps   |
| Ytterbium | 176-2 | 9315     | 9604     | 9476     | 9465     | 1.53   | cps   |
| Yttrium   | 89-1  | 13766432 | 13070591 | 13136725 | 13324583 | 2.88   | cps   |
| Yttrium   | 89-2  | 1535645  | 1528875  | 1499650  | 1521390  | 1.26   | cps   |
| Zinc      | 66-2  | 9967     | 9964     | 10477    | 10136    | 2.92   | cps   |
| Zirconium | 90-1  | 262793   | 250694   | 251517   | 255001   | 2.65   | cps   |
| Zirconium | 91-1  | 58113    | 57311    | 56499    | 57308    | 1.41   | cps   |



|                        |                     |                   |          |
|------------------------|---------------------|-------------------|----------|
| LB Number :            | LB123428            | Operator :        | Jaswal   |
| Lab Sample ID :        | CCV24               | Instrumnet Name : | P8       |
| Client Sample ID :     | CCV24               | Dilution Factor : | 1        |
| Date & Time Acquired : | 2022-12-22 11:14:56 | DataFile Name :   | 020CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 3964775   | 3755094   | 3717638   | 3812502   | 3.49   | cps   |
| Antimony   | 121-1 | 2998138   | 3066619   | 2922971   | 2995909   | 2.40   | cps   |
| Arsenic    | 75-2  | 97730     | 95429     | 94130     | 95763     | 1.90   | cps   |
| Barium     | 135-1 | 3858188   | 3902803   | 3895634   | 3885542   | 0.62   | cps   |
| Barium     | 137-1 | 6958979   | 6704641   | 6999302   | 6887641   | 2.32   | cps   |
| Beryllium  | 9-1   | 1542090   | 1532439   | 1563734   | 1546088   | 1.04   | cps   |
| Bismuth    | 209-1 | 4894244   | 4943125   | 4799980   | 4879117   | 1.49   | cps   |
| Bismuth    | 209-2 | 2468759   | 2489650   | 2521858   | 2493422   | 1.07   | cps   |
| Boron      | 10-1  | 412793    | 440194    | 435576    | 429521    | 3.42   | cps   |
| Boron      | 11-1  | 1733974   | 1806294   | 1861484   | 1800584   | 3.55   | cps   |
| Bromine    | 81-1  | 45482     | 43000     | 45009     | 44497     | 2.96   | cps   |
| Cadmium    | 111-1 | 877001    | 895812    | 860343    | 877719    | 2.02   | cps   |
| Cadmium    | 106-1 | 102859    | 105193    | 99853     | 102635    | 2.61   | cps   |
| Cadmium    | 108-1 | 67620     | 67920     | 68105     | 67882     | 0.36   | cps   |
| Calcium    | 43-1  | 6468294   | 6400542   | 6493937   | 6454258   | 0.75   | cps   |
| Calcium    | 44-1  | 102975911 | 102065649 | 101191634 | 102077731 | 0.87   | cps   |
| Carbon     | 12-1  | 6829711   | 6969873   | 7072397   | 6957327   | 1.75   | cps   |
| Carbon     | 12-2  | 90327     | 88868     | 90335     | 89843     | 0.94   | cps   |
| Chlorine   | 35-1  | 2038206   | 1984409   | 1930536   | 1984384   | 2.71   | cps   |
| Chlorine   | 35-2  | 14483     | 14341     | 14675     | 14499     | 1.15   | cps   |
| Chromium   | 52-2  | 1086325   | 1060469   | 1053164   | 1066652   | 1.63   | cps   |
| Cobalt     | 59-2  | 1935925   | 1853412   | 1791132   | 1860156   | 3.90   | cps   |
| Copper     | 63-2  | 14726458  | 14567471  | 14078400  | 14457443  | 2.34   | cps   |
| Dysprosium | 156-1 | 725       | 675       | 633       | 678       | 6.77   | cps   |
| Dysprosium | 156-2 | 310       | 317       | 363       | 330       | 8.81   | cps   |
| Erbium     | 164-1 | 117       | 83        | 142       | 114       | 25.69  | cps   |
| Erbium     | 164-2 | 40        | 63        | 30        | 44        | 38.48  | cps   |
| Gadolinium | 160-1 | 758       | 833       | 742       | 778       | 6.28   | cps   |
| Gadolinium | 160-2 | 523       | 433       | 463       | 473       | 9.68   | cps   |
| Holmium    | 165-1 | 8599633   | 8403851   | 8327502   | 8443662   | 1.66   | cps   |
| Holmium    | 165-2 | 3788915   | 3786255   | 3794364   | 3789845   | 0.11   | cps   |
| Indium     | 115-1 | 7152868   | 7458877   | 6974354   | 7195366   | 3.41   | cps   |
| Indium     | 115-2 | 1104094   | 1100586   | 1115715   | 1106798   | 0.72   | cps   |
| Iron       | 54-2  | 12129324  | 12131693  | 11912005  | 12057674  | 1.05   | cps   |
| Iron       | 56-2  | 217427755 | 223109194 | 218051460 | 219529470 | 1.42   | cps   |
| Iron       | 57-2  | 5669743   | 5462182   | 5327184   | 5486370   | 3.15   | cps   |

|                        |                     |                   |          |
|------------------------|---------------------|-------------------|----------|
| LB Number :            | LB123428            | Operator :        | Jaswal   |
| Lab Sample ID :        | CCV24               | Instrumnet Name : | P8       |
| Client Sample ID :     | CCV24               | Dilution Factor : | 1        |
| Date & Time Acquired : | 2022-12-22 11:14:56 | DataFile Name :   | 020CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Krypton    | 83-1  | 325       | 342       | 317       | 328       | 3.91   | cps   |
| Lead       | 206-1 | 12737728  | 12487546  | 12412491  | 12545922  | 1.36   | cps   |
| Lead       | 207-1 | 10999496  | 10990694  | 10802504  | 10930898  | 1.02   | cps   |
| Lead       | 208-1 | 50219465  | 49833118  | 49580725  | 49877769  | 0.64   | cps   |
| Lithium    | 6-1   | 4471184   | 4479134   | 4475879   | 4475399   | 0.09   | cps   |
| Magnesium  | 24-2  | 51102555  | 50236300  | 48836202  | 50058353  | 2.28   | cps   |
| Manganese  | 55-2  | 5838953   | 5966528   | 5956022   | 5920501   | 1.20   | cps   |
| Molybdenum | 94-1  | 13056621  | 13017289  | 13256706  | 13110206  | 0.98   | cps   |
| Molybdenum | 95-1  | 19107660  | 18512550  | 18465459  | 18695223  | 1.91   | cps   |
| Molybdenum | 96-1  | 20756002  | 20000665  | 19837642  | 20198103  | 2.43   | cps   |
| Molybdenum | 97-1  | 11669005  | 11255160  | 11192242  | 11372136  | 2.28   | cps   |
| Molybdenum | 98-1  | 29505602  | 29009026  | 29110127  | 29208252  | 0.90   | cps   |
| Neodymium  | 150-1 | 360       | 487       | 367       | 404       | 17.63  | cps   |
| Neodymium  | 150-2 | 20        | 17        | 20        | 19        | 10.18  | cps   |
| Nickel     | 60-2  | 502628    | 492364    | 477186    | 490726    | 2.61   | cps   |
| Phosphorus | 31-2  | 48256     | 45397     | 45773     | 46475     | 3.34   | cps   |
| Potassium  | 39-2  | 18152504  | 17505855  | 17679618  | 17779326  | 1.88   | cps   |
| Rhodium    | 103-1 | 6728813   | 6742112   | 6885816   | 6785580   | 1.28   | cps   |
| Rhodium    | 103-2 | 3001819   | 3028125   | 2972974   | 3000973   | 0.92   | cps   |
| Scandium   | 45-1  | 5893961   | 5837836   | 5868895   | 5866897   | 0.48   | cps   |
| Scandium   | 45-2  | 209636    | 207136    | 205257    | 207343    | 1.06   | cps   |
| Selenium   | 82-1  | 76766     | 77692     | 75898     | 76785     | 1.17   | cps   |
| Selenium   | 77-2  | 2500      | 2520      | 2384      | 2468      | 2.99   | cps   |
| Selenium   | 78-2  | 8330      | 8319      | 7959      | 8203      | 2.58   | cps   |
| Silicon    | 28-1  | 29298244  | 29434105  | 29375357  | 29369235  | 0.23   | cps   |
| Silver     | 107-1 | 4590765   | 4556527   | 4478870   | 4542054   | 1.26   | cps   |
| Silver     | 109-1 | 4370805   | 4410885   | 4288385   | 4356692   | 1.43   | cps   |
| Sodium     | 23-2  | 95702544  | 92174512  | 91530835  | 93135964  | 2.41   | cps   |
| Strontium  | 86-1  | 31066635  | 30238788  | 30556455  | 30620626  | 1.36   | cps   |
| Strontium  | 88-1  | 267057864 | 260189997 | 263086098 | 263444653 | 1.31   | cps   |
| Sulfur     | 34-1  | 953973    | 947020    | 939906    | 946967    | 0.74   | cps   |
| Terbium    | 159-1 | 8944528   | 9042842   | 8774301   | 8920557   | 1.52   | cps   |
| Terbium    | 159-2 | 3724459   | 3756430   | 3731959   | 3737616   | 0.45   | cps   |
| Thallium   | 203-1 | 2998596   | 2947623   | 2935495   | 2960571   | 1.13   | cps   |
| Thallium   | 205-1 | 6923361   | 6886231   | 7006588   | 6938727   | 0.89   | cps   |
| Tin        | 118-1 | 2742071   | 2742246   | 2730553   | 2738290   | 0.24   | cps   |

|                        |                     |                   |          |
|------------------------|---------------------|-------------------|----------|
| LB Number :            | LB123428            | Operator :        | Jaswal   |
| Lab Sample ID :        | CCV24               | Instrumnet Name : | P8       |
| Client Sample ID :     | CCV24               | Dilution Factor : | 1        |
| Date & Time Acquired : | 2022-12-22 11:14:56 | DataFile Name :   | 020CCV.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 6088602  | 6222498  | 6272694  | 6194598  | 1.54   | cps   |
| Uranium   | 238-1 | 9837587  | 9855265  | 9637795  | 9776883  | 1.24   | cps   |
| Vanadium  | 51-2  | 884165   | 856236   | 849786   | 863396   | 2.12   | cps   |
| Ytterbium | 172-1 | 392      | 300      | 300      | 331      | 16.01  | cps   |
| Ytterbium | 172-2 | 178      | 178      | 156      | 170      | 7.53   | cps   |
| Ytterbium | 176-1 | 13140    | 13232    | 13224    | 13199    | 0.38   | cps   |
| Ytterbium | 176-2 | 14241    | 14647    | 14375    | 14421    | 1.43   | cps   |
| Yttrium   | 89-1  | 13389499 | 13171856 | 13042566 | 13201307 | 1.33   | cps   |
| Yttrium   | 89-2  | 1501362  | 1511510  | 1476493  | 1496455  | 1.20   | cps   |
| Zinc      | 66-2  | 1761986  | 1736456  | 1690540  | 1729661  | 2.09   | cps   |
| Zirconium | 90-1  | 6603347  | 6473748  | 6460176  | 6512424  | 1.21   | cps   |
| Zirconium | 91-1  | 1513005  | 1464551  | 1495192  | 1490916  | 1.64   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | CCB24               | Instrumnet Name : | P8        |
| Client Sample ID :     | CCB24               | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:20:56 | DataFile Name :   | 021CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 174     | 144     | 157     | 158     | 9.49   | cps   |
| Antimony   | 121-1 | 467     | 683     | 850     | 667     | 28.83  | cps   |
| Arsenic    | 75-2  | 6       | 8       | 11      | 8       | 30.20  | cps   |
| Barium     | 135-1 | 42      | 83      | 67      | 64      | 32.83  | cps   |
| Barium     | 137-1 | 217     | 133     | 150     | 167     | 26.45  | cps   |
| Beryllium  | 9-1   | 176     | 181     | 164     | 174     | 5.19   | cps   |
| Bismuth    | 209-1 | 5392319 | 5214209 | 5220326 | 5275618 | 1.92   | cps   |
| Bismuth    | 209-2 | 2762985 | 2733555 | 2741341 | 2745961 | 0.56   | cps   |
| Boron      | 10-1  | 16282   | 15741   | 14921   | 15648   | 4.38   | cps   |
| Boron      | 11-1  | 73504   | 69992   | 66490   | 69995   | 5.01   | cps   |
| Bromine    | 81-1  | 43001   | 46165   | 47541   | 45569   | 5.11   | cps   |
| Cadmium    | 111-1 | 2792    | 2757    | 2973    | 2841    | 4.08   | cps   |
| Cadmium    | 106-1 | 3884    | 3884    | 4151    | 3973    | 3.88   | cps   |
| Cadmium    | 108-1 | 8       | 17      | 17      | 14      | 34.67  | cps   |
| Calcium    | 43-1  | 295     | 311     | 325     | 310     | 4.84   | cps   |
| Calcium    | 44-1  | 13691   | 13483   | 13323   | 13499   | 1.37   | cps   |
| Carbon     | 12-1  | 6444537 | 6528320 | 6546240 | 6506365 | 0.83   | cps   |
| Carbon     | 12-2  | 76935   | 77144   | 75670   | 76583   | 1.04   | cps   |
| Chlorine   | 35-1  | 1078525 | 1050119 | 1042493 | 1057046 | 1.80   | cps   |
| Chlorine   | 35-2  | 7711    | 7460    | 7569    | 7580    | 1.65   | cps   |
| Chromium   | 52-2  | 747     | 770     | 687     | 734     | 5.85   | cps   |
| Cobalt     | 59-2  | 103     | 90      | 117     | 103     | 12.90  | cps   |
| Copper     | 63-2  | 1847    | 1763    | 1587    | 1732    | 7.66   | cps   |
| Dysprosium | 156-1 | 0       | 0       | 8       | 3       | 173.21 | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 75      | 75      | 50      | 67      | 21.65  | cps   |
| Erbium     | 164-2 | 17      | 17      | 23      | 19      | 20.36  | cps   |
| Gadolinium | 160-1 | 58      | 67      | 50      | 58      | 14.29  | cps   |
| Gadolinium | 160-2 | 127     | 137     | 123     | 129     | 5.38   | cps   |
| Holmium    | 165-1 | 8355411 | 8406582 | 8199422 | 8320472 | 1.30   | cps   |
| Holmium    | 165-2 | 3634991 | 3731579 | 3822533 | 3729701 | 2.51   | cps   |
| Indium     | 115-1 | 7482702 | 7475632 | 7542235 | 7500190 | 0.49   | cps   |
| Indium     | 115-2 | 1154708 | 1159540 | 1164243 | 1159497 | 0.41   | cps   |
| Iron       | 54-2  | 1045    | 967     | 933     | 982     | 5.81   | cps   |
| Iron       | 56-2  | 8914    | 8025    | 7402    | 8114    | 9.37   | cps   |
| Iron       | 57-2  | 406     | 417     | 394     | 406     | 2.74   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | CCB24               | Instrumnet Name : | P8        |
| Client Sample ID :     | CCB24               | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:20:56 | DataFile Name :   | 021CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Krypton    | 83-1  | 304     | 302     | 312     | 306     | 1.78   | cps   |
| Lead       | 206-1 | 1278    | 1250    | 1122    | 1217    | 6.82   | cps   |
| Lead       | 207-1 | 1245    | 1333    | 1322    | 1300    | 3.73   | cps   |
| Lead       | 208-1 | 5695    | 5501    | 5284    | 5493    | 3.74   | cps   |
| Lithium    | 6-1   | 4539367 | 4511040 | 4639403 | 4563270 | 1.48   | cps   |
| Magnesium  | 24-2  | 1417    | 1100    | 883     | 1133    | 23.67  | cps   |
| Manganese  | 55-2  | 210     | 113     | 160     | 161     | 30.01  | cps   |
| Molybdenum | 94-1  | 725     | 600     | 575     | 633     | 12.69  | cps   |
| Molybdenum | 95-1  | 558     | 692     | 575     | 608     | 11.94  | cps   |
| Molybdenum | 96-1  | 758     | 767     | 750     | 758     | 1.10   | cps   |
| Molybdenum | 97-1  | 517     | 450     | 367     | 444     | 16.91  | cps   |
| Molybdenum | 98-1  | 1122    | 1148    | 848     | 1039    | 16.00  | cps   |
| Neodymium  | 150-1 | 7       | 13      | 13      | 11      | 34.61  | cps   |
| Neodymium  | 150-2 | 0       | 3       | 7       | 3       | 100.05 | cps   |
| Nickel     | 60-2  | 57      | 47      | 57      | 53      | 10.82  | cps   |
| Phosphorus | 31-2  | 233     | 242     | 233     | 236     | 2.04   | cps   |
| Potassium  | 39-2  | 25198   | 24972   | 25406   | 25192   | 0.86   | cps   |
| Rhodium    | 103-1 | 7392818 | 7073199 | 7428197 | 7298071 | 2.68   | cps   |
| Rhodium    | 103-2 | 3236129 | 3221514 | 3235656 | 3231099 | 0.26   | cps   |
| Scandium   | 45-1  | 5862327 | 5776336 | 5792462 | 5810375 | 0.79   | cps   |
| Scandium   | 45-2  | 203263  | 205392  | 201466  | 203374  | 0.97   | cps   |
| Selenium   | 82-1  | 21      | 19      | -3      | 12      | 104.41 | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 70      | 81      | 69      | 73      | 9.08   | cps   |
| Silicon    | 28-1  | 811589  | 803693  | 812876  | 809386  | 0.61   | cps   |
| Silver     | 107-1 | 1759    | 2300    | 2217    | 2092    | 13.94  | cps   |
| Silver     | 109-1 | 1892    | 2017    | 1892    | 1934    | 3.73   | cps   |
| Sodium     | 23-2  | 39730   | 39755   | 39354   | 39613   | 0.57   | cps   |
| Strontium  | 86-1  | 1042    | 1125    | 883     | 1017    | 12.07  | cps   |
| Strontium  | 88-1  | 5668    | 4318    | 4401    | 4795    | 15.78  | cps   |
| Sulfur     | 34-1  | 374596  | 376428  | 377531  | 376185  | 0.39   | cps   |
| Terbium    | 159-1 | 8552686 | 8775425 | 8705270 | 8677794 | 1.31   | cps   |
| Terbium    | 159-2 | 3587576 | 3717524 | 3664603 | 3656568 | 1.79   | cps   |
| Thallium   | 203-1 | 1092    | 1075    | 792     | 986     | 17.10  | cps   |
| Thallium   | 205-1 | 2467    | 2575    | 2400    | 2481    | 3.56   | cps   |
| Tin        | 118-1 | 883     | 1075    | 708     | 889     | 20.63  | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | CCB24               | Instrumnet Name : | P8        |
| Client Sample ID :     | CCB24               | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:20:56 | DataFile Name :   | 021CCBE.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 425      | 392      | 425      | 414      | 4.65   | cps   |
| Uranium   | 238-1 | 292      | 225      | 183      | 233      | 23.42  | cps   |
| Vanadium  | 51-2  | 10       | 23       | 30       | 21       | 48.24  | cps   |
| Ytterbium | 172-1 | 100      | 50       | 17       | 56       | 75.49  | cps   |
| Ytterbium | 172-2 | 6        | 17       | 39       | 20       | 83.30  | cps   |
| Ytterbium | 176-1 | 1092     | 1083     | 1242     | 1139     | 7.82   | cps   |
| Ytterbium | 176-2 | 8625     | 8759     | 9659     | 9014     | 6.24   | cps   |
| Yttrium   | 89-1  | 13624379 | 13061283 | 13247792 | 13311151 | 2.15   | cps   |
| Yttrium   | 89-2  | 1459082  | 1481455  | 1484828  | 1475122  | 0.95   | cps   |
| Zinc      | 66-2  | 250      | 193      | 210      | 218      | 13.37  | cps   |
| Zirconium | 90-1  | 567      | 467      | 675      | 569      | 18.30  | cps   |
| Zirconium | 91-1  | 83       | 167      | 192      | 147      | 38.53  | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :     | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:25:19 | DataFile Name :   | 022LLCC.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 1562    | 1621    | 1530    | 1571    | 2.94   | cps   |
| Antimony   | 121-1 | 11739   | 11472   | 11288   | 11500   | 1.97   | cps   |
| Arsenic    | 75-2  | 226     | 196     | 198     | 207     | 8.12   | cps   |
| Barium     | 135-1 | 13866   | 13649   | 14191   | 13902   | 1.96   | cps   |
| Barium     | 137-1 | 25458   | 24331   | 24047   | 24612   | 3.03   | cps   |
| Beryllium  | 9-1   | 3551    | 3469    | 3526    | 3515    | 1.20   | cps   |
| Bismuth    | 209-1 | 5190970 | 5341991 | 5477514 | 5336825 | 2.69   | cps   |
| Bismuth    | 209-2 | 2774522 | 2758727 | 2765133 | 2766128 | 0.29   | cps   |
| Boron      | 10-1  | 19171   | 19651   | 19685   | 19502   | 1.48   | cps   |
| Boron      | 11-1  | 84935   | 88120   | 89152   | 87403   | 2.52   | cps   |
| Bromine    | 81-1  | 45281   | 47228   | 45702   | 46070   | 2.22   | cps   |
| Cadmium    | 111-1 | 4412    | 4911    | 4656    | 4660    | 5.35   | cps   |
| Cadmium    | 106-1 | 3976    | 4409    | 4101    | 4162    | 5.36   | cps   |
| Cadmium    | 108-1 | 167     | 150     | 158     | 158     | 5.26   | cps   |
| Calcium    | 43-1  | 12704   | 12354   | 12490   | 12516   | 1.41   | cps   |
| Calcium    | 44-1  | 212581  | 210670  | 209472  | 210908  | 0.74   | cps   |
| Carbon     | 12-1  | 6413423 | 6382163 | 6393201 | 6396263 | 0.25   | cps   |
| Carbon     | 12-2  | 76725   | 76532   | 74489   | 75916   | 1.63   | cps   |
| Chlorine   | 35-1  | 790520  | 777070  | 761931  | 776507  | 1.84   | cps   |
| Chlorine   | 35-2  | 5710    | 5851    | 6085    | 5882    | 3.22   | cps   |
| Chromium   | 52-2  | 4921    | 4788    | 4768    | 4825    | 1.73   | cps   |
| Cobalt     | 59-2  | 3684    | 3711    | 3691    | 3695    | 0.38   | cps   |
| Copper     | 63-2  | 7449    | 7055    | 6935    | 7146    | 3.76   | cps   |
| Dysprosium | 156-1 | 0       | 25      | 25      | 17      | 86.60  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 67      | 58      | 75      | 67      | 12.50  | cps   |
| Erbium     | 164-2 | 10      | 17      | 17      | 14      | 26.66  | cps   |
| Gadolinium | 160-1 | 58      | 100     | 75      | 78      | 26.97  | cps   |
| Gadolinium | 160-2 | 110     | 130     | 117     | 119     | 8.57   | cps   |
| Holmium    | 165-1 | 7949322 | 8479205 | 8914035 | 8447521 | 5.72   | cps   |
| Holmium    | 165-2 | 3734645 | 3678362 | 3762334 | 3725114 | 1.15   | cps   |
| Indium     | 115-1 | 7147731 | 7594203 | 7638254 | 7460063 | 3.64   | cps   |
| Indium     | 115-2 | 1162055 | 1178692 | 1164485 | 1168411 | 0.77   | cps   |
| Iron       | 54-2  | 5296    | 6063    | 5451    | 5603    | 7.24   | cps   |
| Iron       | 56-2  | 92493   | 91264   | 89138   | 90965   | 1.87   | cps   |
| Iron       | 57-2  | 2545    | 2372    | 2461    | 2460    | 3.50   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :     | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:25:19 | DataFile Name :   | 022LLCC.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Krypton    | 83-1  | 297     | 284     | 315     | 299     | 5.24   | cps   |
| Lead       | 206-1 | 5323    | 5062    | 5268    | 5218    | 2.64   | cps   |
| Lead       | 207-1 | 4784    | 4840    | 4695    | 4773    | 1.53   | cps   |
| Lead       | 208-1 | 21802   | 22025   | 21680   | 21836   | 0.80   | cps   |
| Lithium    | 6-1   | 4305282 | 4581747 | 4631254 | 4506094 | 3.90   | cps   |
| Magnesium  | 24-2  | 99069   | 100883  | 97316   | 99090   | 1.80   | cps   |
| Manganese  | 55-2  | 1253    | 1200    | 1200    | 1218    | 2.53   | cps   |
| Molybdenum | 94-1  | 14216   | 14474   | 13941   | 14210   | 1.88   | cps   |
| Molybdenum | 95-1  | 17645   | 17954   | 18171   | 17923   | 1.47   | cps   |
| Molybdenum | 96-1  | 19798   | 19748   | 20274   | 19940   | 1.46   | cps   |
| Molybdenum | 97-1  | 11063   | 11038   | 11021   | 11041   | 0.19   | cps   |
| Molybdenum | 98-1  | 27617   | 27793   | 27425   | 27612   | 0.67   | cps   |
| Neodymium  | 150-1 | 7       | 0       | 7       | 4       | 86.60  | cps   |
| Neodymium  | 150-2 | 7       | 0       | 3       | 3       | 100.05 | cps   |
| Nickel     | 60-2  | 1027    | 1053    | 987     | 1022    | 3.28   | cps   |
| Phosphorus | 31-2  | 308     | 292     | 208     | 269     | 19.88  | cps   |
| Potassium  | 39-2  | 92220   | 91716   | 88949   | 90962   | 1.94   | cps   |
| Rhodium    | 103-1 | 7034552 | 7347359 | 7606098 | 7329336 | 3.90   | cps   |
| Rhodium    | 103-2 | 3304057 | 3400497 | 3265971 | 3323508 | 2.09   | cps   |
| Scandium   | 45-1  | 5678304 | 5861821 | 5957763 | 5832629 | 2.43   | cps   |
| Scandium   | 45-2  | 203381  | 203774  | 208595  | 205250  | 1.41   | cps   |
| Selenium   | 82-1  | 894     | 856     | 791     | 847     | 6.12   | cps   |
| Selenium   | 77-2  | 13      | 33      | 27      | 24      | 41.66  | cps   |
| Selenium   | 78-2  | 171     | 148     | 175     | 165     | 8.85   | cps   |
| Silicon    | 28-1  | 880255  | 872835  | 886577  | 879889  | 0.78   | cps   |
| Silver     | 107-1 | 11255   | 11464   | 11889   | 11536   | 2.80   | cps   |
| Silver     | 109-1 | 11138   | 11505   | 11122   | 11255   | 1.93   | cps   |
| Sodium     | 23-2  | 217777  | 217651  | 213697  | 216375  | 1.07   | cps   |
| Strontium  | 86-1  | 3009    | 3267    | 2692    | 2989    | 9.64   | cps   |
| Strontium  | 88-1  | 21801   | 21233   | 21167   | 21400   | 1.63   | cps   |
| Sulfur     | 34-1  | 383105  | 383396  | 383251  | 383251  | 0.04   | cps   |
| Terbium    | 159-1 | 8590982 | 8681263 | 9052235 | 8774827 | 2.79   | cps   |
| Terbium    | 159-2 | 3724897 | 3765116 | 3776394 | 3755469 | 0.72   | cps   |
| Thallium   | 203-1 | 6410    | 6410    | 6260    | 6360    | 1.36   | cps   |
| Thallium   | 205-1 | 15343   | 14884   | 14942   | 15056   | 1.66   | cps   |
| Tin        | 118-1 | 27436   | 26961   | 28029   | 27475   | 1.95   | cps   |



|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | CRI                 | Instrumnet Name : | P8        |
| Client Sample ID :     | CRI                 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:25:19 | DataFile Name :   | 022LLCC.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 5951     | 6435     | 6193     | 6193     | 3.90   | cps   |
| Uranium   | 238-1 | 17788    | 17446    | 17337    | 17524    | 1.34   | cps   |
| Vanadium  | 51-2  | 8343     | 7615     | 7849     | 7936     | 4.68   | cps   |
| Ytterbium | 172-1 | 42       | 67       | 50       | 53       | 24.12  | cps   |
| Ytterbium | 172-2 | 28       | 28       | 33       | 30       | 10.81  | cps   |
| Ytterbium | 176-1 | 1158     | 1150     | 1325     | 1211     | 8.15   | cps   |
| Ytterbium | 176-2 | 8736     | 9609     | 9442     | 9263     | 5.00   | cps   |
| Yttrium   | 89-1  | 12774694 | 13312840 | 13288038 | 13125190 | 2.31   | cps   |
| Yttrium   | 89-2  | 1514194  | 1518965  | 1507809  | 1513656  | 0.37   | cps   |
| Zinc      | 66-2  | 1000     | 970      | 1107     | 1026     | 7.00   | cps   |
| Zirconium | 90-1  | 12189    | 12723    | 12573    | 12495    | 2.20   | cps   |
| Zirconium | 91-1  | 2575     | 2492     | 2784     | 2617     | 5.74   | cps   |

|                        |                      |                   |           |
|------------------------|----------------------|-------------------|-----------|
| LB Number :            | LB123428             | Operator :        | Jaswal    |
| Lab Sample ID :        | N4955-01             | Instrumnet Name : | P8        |
| Client Sample ID :     | LOD-MDL-SOIL-01-QT4- | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:32:13  | DataFile Name :   | 023AREF.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 1260    | 1054    | 1111    | 1142    | 9.32   | cps   |
| Antimony   | 121-1 | 4076    | 4101    | 3992    | 4056    | 1.40   | cps   |
| Arsenic    | 75-2  | 135     | 136     | 159     | 143     | 9.48   | cps   |
| Barium     | 135-1 | 5026    | 5059    | 4943    | 5009    | 1.20   | cps   |
| Barium     | 137-1 | 8703    | 8578    | 8294    | 8525    | 2.46   | cps   |
| Beryllium  | 9-1   | 2251    | 2217    | 2309    | 2259    | 2.04   | cps   |
| Bismuth    | 209-1 | 5461351 | 5403303 | 4608854 | 5157836 | 9.23   | cps   |
| Bismuth    | 209-2 | 2543007 | 2693226 | 2755933 | 2664055 | 4.11   | cps   |
| Boron      | 10-1  | 6450    | 6148    | 6162    | 6253    | 2.73   | cps   |
| Boron      | 11-1  | 28101   | 27536   | 27769   | 27802   | 1.02   | cps   |
| Bromine    | 81-1  | 49449   | 44849   | 47459   | 47252   | 4.88   | cps   |
| Cadmium    | 111-1 | 4363    | 4137    | 3736    | 4079    | 7.78   | cps   |
| Cadmium    | 106-1 | 4443    | 4026    | 3567    | 4012    | 10.91  | cps   |
| Cadmium    | 108-1 | 121     | 92      | 117     | 110     | 14.38  | cps   |
| Calcium    | 43-1  | 1927    | 1847    | 1774    | 1849    | 4.16   | cps   |
| Calcium    | 44-1  | 40009   | 39721   | 39511   | 39747   | 0.63   | cps   |
| Carbon     | 12-1  | 6752729 | 6727878 | 6715530 | 6732046 | 0.28   | cps   |
| Carbon     | 12-2  | 78736   | 78200   | 78208   | 78381   | 0.39   | cps   |
| Chlorine   | 35-1  | 543064  | 535877  | 526264  | 535068  | 1.58   | cps   |
| Chlorine   | 35-2  | 3976    | 3992    | 3926    | 3965    | 0.88   | cps   |
| Chromium   | 52-2  | 2190    | 2070    | 2187    | 2149    | 3.18   | cps   |
| Cobalt     | 59-2  | 2660    | 2590    | 2477    | 2576    | 3.59   | cps   |
| Copper     | 63-2  | 5564    | 5088    | 4934    | 5195    | 6.33   | cps   |
| Dysprosium | 156-1 | 0       | 0       | 8       | 3       | 173.21 | cps   |
| Dysprosium | 156-2 | 3       | 10      | 0       | 4       | 114.60 | cps   |
| Erbium     | 164-1 | 42      | 50      | 58      | 50      | 16.66  | cps   |
| Erbium     | 164-2 | 27      | 13      | 37      | 26      | 45.82  | cps   |
| Gadolinium | 160-1 | 117     | 58      | 33      | 69      | 61.59  | cps   |
| Gadolinium | 160-2 | 83      | 110     | 97      | 97      | 13.79  | cps   |
| Holmium    | 165-1 | 8492698 | 8479331 | 7238309 | 8070113 | 8.93   | cps   |
| Holmium    | 165-2 | 3353521 | 3740168 | 3720533 | 3604741 | 6.04   | cps   |
| Indium     | 115-1 | 7732632 | 7729709 | 6465895 | 7309412 | 9.99   | cps   |
| Indium     | 115-2 | 1052729 | 1160727 | 1177389 | 1130282 | 5.99   | cps   |
| Iron       | 54-2  | 4095    | 4140    | 3951    | 4062    | 2.43   | cps   |
| Iron       | 56-2  | 67873   | 64847   | 62710   | 65143   | 3.98   | cps   |
| Iron       | 57-2  | 1895    | 1911    | 1795    | 1867    | 3.38   | cps   |

|                        |                      |                   |           |
|------------------------|----------------------|-------------------|-----------|
| LB Number :            | LB123428             | Operator :        | Jaswal    |
| Lab Sample ID :        | N4955-01             | Instrumnet Name : | P8        |
| Client Sample ID :     | LOD-MDL-SOIL-01-QT4- | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:32:13  | DataFile Name :   | 023AREF.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Krypton    | 83-1  | 326     | 302     | 309     | 312     | 3.94   | cps   |
| Lead       | 206-1 | 3862    | 3934    | 3734    | 3843    | 2.64   | cps   |
| Lead       | 207-1 | 3639    | 3589    | 3778    | 3669    | 2.67   | cps   |
| Lead       | 208-1 | 15987   | 16199   | 16177   | 16121   | 0.72   | cps   |
| Lithium    | 6-1   | 4630858 | 4831910 | 3976221 | 4479663 | 9.99   | cps   |
| Magnesium  | 24-2  | 15008   | 15242   | 14207   | 14819   | 3.66   | cps   |
| Manganese  | 55-2  | 1567    | 1700    | 1687    | 1651    | 4.45   | cps   |
| Molybdenum | 94-1  | 4284    | 4876    | 5068    | 4743    | 8.61   | cps   |
| Molybdenum | 95-1  | 2350    | 2384    | 2500    | 2411    | 3.27   | cps   |
| Molybdenum | 96-1  | 3334    | 3459    | 3150    | 3314    | 4.68   | cps   |
| Molybdenum | 97-1  | 1642    | 1383    | 1400    | 1475    | 9.80   | cps   |
| Molybdenum | 98-1  | 3977    | 3885    | 4110    | 3991    | 2.84   | cps   |
| Neodymium  | 150-1 | 20      | 7       | 0       | 9       | 114.55 | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 700     | 680     | 687     | 689     | 1.48   | cps   |
| Phosphorus | 31-2  | 225     | 192     | 183     | 200     | 11.02  | cps   |
| Potassium  | 39-2  | 29005   | 29389   | 28520   | 28971   | 1.50   | cps   |
| Rhodium    | 103-1 | 7413238 | 7496865 | 6248323 | 7052808 | 9.90   | cps   |
| Rhodium    | 103-2 | 2948207 | 3346099 | 3334197 | 3209501 | 7.05   | cps   |
| Scandium   | 45-1  | 5989818 | 5854004 | 5038840 | 5627554 | 9.14   | cps   |
| Scandium   | 45-2  | 183482  | 206459  | 210114  | 200018  | 7.22   | cps   |
| Selenium   | 82-1  | 112     | 124     | 109     | 115     | 6.78   | cps   |
| Selenium   | 77-2  | 0       | 7       | 3       | 3       | 100.05 | cps   |
| Selenium   | 78-2  | 95      | 81      | 93      | 90      | 8.44   | cps   |
| Silicon    | 28-1  | 817300  | 821812  | 817821  | 818978  | 0.30   | cps   |
| Silver     | 107-1 | 8661    | 8786    | 8019    | 8489    | 4.85   | cps   |
| Silver     | 109-1 | 8169    | 8728    | 8394    | 8431    | 3.33   | cps   |
| Sodium     | 23-2  | 61756   | 60811   | 58401   | 60322   | 2.87   | cps   |
| Strontium  | 86-1  | 2392    | 2367    | 2125    | 2295    | 6.42   | cps   |
| Strontium  | 88-1  | 14741   | 14842   | 14875   | 14819   | 0.47   | cps   |
| Sulfur     | 34-1  | 398272  | 396202  | 401885  | 398786  | 0.72   | cps   |
| Terbium    | 159-1 | 8821155 | 9101628 | 7662563 | 8528449 | 8.95   | cps   |
| Terbium    | 159-2 | 3306329 | 3707926 | 3666848 | 3560368 | 6.21   | cps   |
| Thallium   | 203-1 | 4618    | 4284    | 4326    | 4409    | 4.12   | cps   |
| Thallium   | 205-1 | 11247   | 10846   | 10104   | 10732   | 5.40   | cps   |
| Tin        | 118-1 | 5076    | 4651    | 4918    | 4882    | 4.40   | cps   |

|                        |                      |                   |           |
|------------------------|----------------------|-------------------|-----------|
| LB Number :            | LB123428             | Operator :        | Jaswal    |
| Lab Sample ID :        | N4955-01             | Instrumnet Name : | P8        |
| Client Sample ID :     | LOD-MDL-SOIL-01-QT4- | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:32:13  | DataFile Name :   | 023AREF.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 1075     | 1217     | 1183     | 1158     | 6.39   | cps   |
| Uranium   | 238-1 | 11839    | 12039    | 12123    | 12000    | 1.21   | cps   |
| Vanadium  | 51-2  | 1093     | 1077     | 1090     | 1087     | 0.81   | cps   |
| Ytterbium | 172-1 | 50       | 50       | 50       | 50       | 0.00   | cps   |
| Ytterbium | 172-2 | 22       | 28       | 17       | 22       | 25.00  | cps   |
| Ytterbium | 176-1 | 1100     | 1100     | 1108     | 1103     | 0.44   | cps   |
| Ytterbium | 176-2 | 8231     | 9259     | 9370     | 8953     | 7.02   | cps   |
| Yttrium   | 89-1  | 13626106 | 13756959 | 11714206 | 13032424 | 8.77   | cps   |
| Yttrium   | 89-2  | 1339861  | 1511253  | 1510076  | 1453730  | 6.78   | cps   |
| Zinc      | 66-2  | 693      | 737      | 583      | 671      | 11.78  | cps   |
| Zirconium | 90-1  | 8736     | 8461     | 8253     | 8483     | 2.86   | cps   |
| Zirconium | 91-1  | 1925     | 1942     | 1792     | 1886     | 4.36   | cps   |

|                        |                      |                   |           |
|------------------------|----------------------|-------------------|-----------|
| LB Number :            | LB123428             | Operator :        | Jaswal    |
| Lab Sample ID :        | N4955-03             | Instrumnet Name : | P8        |
| Client Sample ID :     | MDL-SOIL-03-QT4-2022 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:39:40  | DataFile Name :   | 025AREF.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 484     | 440     | 436     | 453     | 5.83   | cps   |
| Antimony   | 121-1 | 1375    | 1458    | 1358    | 1397    | 3.83   | cps   |
| Arsenic    | 75-2  | 53      | 68      | 54      | 58      | 14.37  | cps   |
| Barium     | 135-1 | 1834    | 1892    | 1900    | 1875    | 1.94   | cps   |
| Barium     | 137-1 | 2967    | 2850    | 2967    | 2928    | 2.30   | cps   |
| Beryllium  | 9-1   | 865     | 925     | 851     | 880     | 4.45   | cps   |
| Bismuth    | 209-1 | 5309704 | 5611355 | 5343047 | 5421369 | 3.05   | cps   |
| Bismuth    | 209-2 | 2872915 | 2844905 | 2770321 | 2829380 | 1.87   | cps   |
| Boron      | 10-1  | 3996    | 3896    | 3840    | 3910    | 2.02   | cps   |
| Boron      | 11-1  | 16986   | 17283   | 16962   | 17077   | 1.04   | cps   |
| Bromine    | 81-1  | 49921   | 45080   | 49258   | 48086   | 5.46   | cps   |
| Cadmium    | 111-1 | 3763    | 3443    | 3227    | 3478    | 7.75   | cps   |
| Cadmium    | 106-1 | 4634    | 4301    | 3984    | 4306    | 7.55   | cps   |
| Cadmium    | 108-1 | 63      | 67      | 29      | 53      | 38.94  | cps   |
| Calcium    | 43-1  | 804     | 802     | 732     | 780     | 5.23   | cps   |
| Calcium    | 44-1  | 21775   | 21925   | 21452   | 21717   | 1.11   | cps   |
| Carbon     | 12-1  | 7361254 | 7288078 | 7221368 | 7290233 | 0.96   | cps   |
| Carbon     | 12-2  | 85431   | 84475   | 83042   | 84316   | 1.43   | cps   |
| Chlorine   | 35-1  | 399713  | 406191  | 402977  | 402960  | 0.80   | cps   |
| Chlorine   | 35-2  | 3217    | 3050    | 3167    | 3145    | 2.72   | cps   |
| Chromium   | 52-2  | 1247    | 1220    | 1160    | 1209    | 3.67   | cps   |
| Cobalt     | 59-2  | 973     | 867     | 957     | 932     | 6.16   | cps   |
| Copper     | 63-2  | 2550    | 2614    | 2464    | 2542    | 2.96   | cps   |
| Dysprosium | 156-1 | 0       | 0       | 8       | 3       | 173.21 | cps   |
| Dysprosium | 156-2 | 3       | 7       | 3       | 4       | 43.40  | cps   |
| Erbium     | 164-1 | 92      | 108     | 33      | 78      | 50.64  | cps   |
| Erbium     | 164-2 | 13      | 20      | 27      | 20      | 33.35  | cps   |
| Gadolinium | 160-1 | 58      | 75      | 92      | 75      | 22.23  | cps   |
| Gadolinium | 160-2 | 73      | 133     | 103     | 103     | 29.04  | cps   |
| Holmium    | 165-1 | 8253595 | 8818604 | 8590191 | 8554130 | 3.32   | cps   |
| Holmium    | 165-2 | 3829756 | 3786273 | 3860603 | 3825544 | 0.98   | cps   |
| Indium     | 115-1 | 7644887 | 7945028 | 7225894 | 7605270 | 4.75   | cps   |
| Indium     | 115-2 | 1188040 | 1187165 | 1203570 | 1192925 | 0.77   | cps   |
| Iron       | 54-2  | 2061    | 1922    | 1700    | 1895    | 9.62   | cps   |
| Iron       | 56-2  | 26887   | 24811   | 25000   | 25566   | 4.49   | cps   |
| Iron       | 57-2  | 733     | 928     | 800     | 820     | 12.05  | cps   |

|                        |                      |                   |           |
|------------------------|----------------------|-------------------|-----------|
| LB Number :            | LB123428             | Operator :        | Jaswal    |
| Lab Sample ID :        | N4955-03             | Instrumnet Name : | P8        |
| Client Sample ID :     | MDL-SOIL-03-QT4-2022 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:39:40  | DataFile Name :   | 025AREF.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Krypton    | 83-1  | 310     | 316     | 337     | 321     | 4.49   | cps   |
| Lead       | 206-1 | 1956    | 1839    | 1922    | 1906    | 3.15   | cps   |
| Lead       | 207-1 | 1583    | 1750    | 1783    | 1706    | 6.28   | cps   |
| Lead       | 208-1 | 7668    | 7579    | 7818    | 7688    | 1.57   | cps   |
| Lithium    | 6-1   | 4690798 | 4865485 | 4631098 | 4729127 | 2.58   | cps   |
| Magnesium  | 24-2  | 5568    | 5501    | 5401    | 5490    | 1.53   | cps   |
| Manganese  | 55-2  | 673     | 590     | 477     | 580     | 17.02  | cps   |
| Molybdenum | 94-1  | 3859    | 3617    | 3951    | 3809    | 4.52   | cps   |
| Molybdenum | 95-1  | 4543    | 4284    | 4217    | 4348    | 3.95   | cps   |
| Molybdenum | 96-1  | 4993    | 5410    | 5009    | 5137    | 4.59   | cps   |
| Molybdenum | 97-1  | 2700    | 2942    | 2717    | 2786    | 4.85   | cps   |
| Molybdenum | 98-1  | 6932    | 7166    | 6874    | 6991    | 2.21   | cps   |
| Neodymium  | 150-1 | 20      | 0       | 7       | 9       | 114.55 | cps   |
| Neodymium  | 150-2 | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Nickel     | 60-2  | 323     | 287     | 347     | 319     | 9.49   | cps   |
| Phosphorus | 31-2  | 225     | 233     | 250     | 236     | 5.39   | cps   |
| Potassium  | 39-2  | 26900   | 26483   | 26132   | 26505   | 1.45   | cps   |
| Rhodium    | 103-1 | 7448171 | 7630710 | 7625507 | 7568129 | 1.37   | cps   |
| Rhodium    | 103-2 | 3343176 | 3485579 | 3442382 | 3423712 | 2.13   | cps   |
| Scandium   | 45-1  | 5975278 | 6284351 | 5931279 | 6063636 | 3.17   | cps   |
| Scandium   | 45-2  | 213383  | 210353  | 210978  | 211572  | 0.76   | cps   |
| Selenium   | 82-1  | 426     | 400     | 369     | 398     | 7.23   | cps   |
| Selenium   | 77-2  | 13      | 10      | 7       | 10      | 33.30  | cps   |
| Selenium   | 78-2  | 115     | 120     | 105     | 113     | 6.74   | cps   |
| Silicon    | 28-1  | 821258  | 812839  | 825585  | 819894  | 0.79   | cps   |
| Silver     | 107-1 | 2609    | 3125    | 3067    | 2934    | 9.65   | cps   |
| Silver     | 109-1 | 2817    | 2975    | 3017    | 2937    | 3.59   | cps   |
| Sodium     | 23-2  | 41777   | 41911   | 41301   | 41663   | 0.77   | cps   |
| Strontium  | 86-1  | 1208    | 1150    | 1158    | 1172    | 2.69   | cps   |
| Strontium  | 88-1  | 5576    | 5451    | 5576    | 5535    | 1.30   | cps   |
| Sulfur     | 34-1  | 407059  | 401664  | 406626  | 405116  | 0.74   | cps   |
| Terbium    | 159-1 | 8765216 | 9071963 | 8632287 | 8823156 | 2.56   | cps   |
| Terbium    | 159-2 | 3840063 | 3844844 | 3630260 | 3771722 | 3.25   | cps   |
| Thallium   | 203-1 | 2000    | 1708    | 1884    | 1864    | 7.88   | cps   |
| Thallium   | 205-1 | 4634    | 4659    | 4326    | 4540    | 4.09   | cps   |
| Tin        | 118-1 | 2534    | 2525    | 2367    | 2475    | 3.79   | cps   |

|                        |                      |                   |           |
|------------------------|----------------------|-------------------|-----------|
| LB Number :            | LB123428             | Operator :        | Jaswal    |
| Lab Sample ID :        | N4955-03             | Instrumnet Name : | P8        |
| Client Sample ID :     | MDL-SOIL-03-QT4-2022 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:39:40  | DataFile Name :   | 025AREF.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 1875     | 1775     | 1767     | 1806     | 3.34   | cps   |
| Uranium   | 238-1 | 4201     | 4584     | 4493     | 4426     | 4.52   | cps   |
| Vanadium  | 51-2  | 447      | 353      | 457      | 419      | 13.61  | cps   |
| Ytterbium | 172-1 | 50       | 25       | 67       | 47       | 44.41  | cps   |
| Ytterbium | 172-2 | 39       | 11       | 33       | 28       | 52.92  | cps   |
| Ytterbium | 176-1 | 1283     | 1233     | 1192     | 1236     | 3.71   | cps   |
| Ytterbium | 176-2 | 9226     | 9682     | 9531     | 9480     | 2.45   | cps   |
| Yttrium   | 89-1  | 13518872 | 14206686 | 14008252 | 13911270 | 2.54   | cps   |
| Yttrium   | 89-2  | 1543394  | 1548450  | 1525408  | 1539084  | 0.79   | cps   |
| Zinc      | 66-2  | 373      | 357      | 357      | 362      | 2.66   | cps   |
| Zirconium | 90-1  | 3492     | 3567     | 3359     | 3473     | 3.04   | cps   |
| Zirconium | 91-1  | 742      | 650      | 817      | 736      | 11.34  | cps   |

LB Number : LB123428 Operator : Jaswal  
 Lab Sample ID : N4955-07 Instrumnet Name : P8  
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1  
 Date & Time Acquired : 2022-12-22 11:42:54 DataFile Name : 026AREF.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 1570    | 1124    | 1124    | 1272    | 20.25  | cps   |
| Antimony   | 121-1 | 4384    | 4051    | 4309    | 4248    | 4.12   | cps   |
| Arsenic    | 75-2  | 138     | 121     | 164     | 141     | 15.36  | cps   |
| Barium     | 135-1 | 5143    | 5009    | 5068    | 5073    | 1.32   | cps   |
| Barium     | 137-1 | 9195    | 9178    | 8937    | 9103    | 1.59   | cps   |
| Beryllium  | 9-1   | 2426    | 2394    | 2357    | 2392    | 1.44   | cps   |
| Bismuth    | 209-1 | 5467468 | 5521528 | 5521704 | 5503567 | 0.57   | cps   |
| Bismuth    | 209-2 | 2846344 | 2819182 | 2842343 | 2835956 | 0.52   | cps   |
| Boron      | 10-1  | 3522    | 3456    | 3318    | 3432    | 3.03   | cps   |
| Boron      | 11-1  | 15675   | 15077   | 15229   | 15327   | 2.03   | cps   |
| Bromine    | 81-1  | 47069   | 46175   | 49810   | 47685   | 3.97   | cps   |
| Cadmium    | 111-1 | 4946    | 4033    | 4211    | 4397    | 11.01  | cps   |
| Cadmium    | 106-1 | 5101    | 4101    | 4059    | 4420    | 13.35  | cps   |
| Cadmium    | 108-1 | 125     | 125     | 133     | 128     | 3.77   | cps   |
| Calcium    | 43-1  | 1995    | 2049    | 2054    | 2032    | 1.60   | cps   |
| Calcium    | 44-1  | 41899   | 41622   | 41239   | 41587   | 0.80   | cps   |
| Carbon     | 12-1  | 6666301 | 6723453 | 6714253 | 6701336 | 0.46   | cps   |
| Carbon     | 12-2  | 78543   | 76734   | 77723   | 77667   | 1.17   | cps   |
| Chlorine   | 35-1  | 372165  | 367440  | 366025  | 368543  | 0.87   | cps   |
| Chlorine   | 35-2  | 2825    | 3025    | 2992    | 2948    | 3.64   | cps   |
| Chromium   | 52-2  | 2157    | 2097    | 2147    | 2134    | 1.51   | cps   |
| Cobalt     | 59-2  | 3057    | 2550    | 2684    | 2764    | 9.51   | cps   |
| Copper     | 63-2  | 6318    | 4974    | 5078    | 5457    | 13.71  | cps   |
| Dysprosium | 156-1 | 0       | 8       | 0       | 3       | 173.21 | cps   |
| Dysprosium | 156-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 58      | 108     | 50      | 72      | 43.69  | cps   |
| Erbium     | 164-2 | 20      | 17      | 27      | 21      | 24.12  | cps   |
| Gadolinium | 160-1 | 58      | 125     | 100     | 94      | 35.66  | cps   |
| Gadolinium | 160-2 | 123     | 103     | 153     | 127     | 19.87  | cps   |
| Holmium    | 165-1 | 8450806 | 8712356 | 8641922 | 8601695 | 1.57   | cps   |
| Holmium    | 165-2 | 3943873 | 3845604 | 4014508 | 3934662 | 2.16   | cps   |
| Indium     | 115-1 | 7783630 | 7753343 | 7637845 | 7724939 | 1.00   | cps   |
| Indium     | 115-2 | 1193540 | 1214862 | 1230379 | 1212927 | 1.52   | cps   |
| Iron       | 54-2  | 5351    | 4212    | 4340    | 4634    | 13.47  | cps   |
| Iron       | 56-2  | 86443   | 66823   | 63759   | 72342   | 17.01  | cps   |
| Iron       | 57-2  | 2228    | 1806    | 1800    | 1945    | 12.62  | cps   |



LB Number : LB123428 Operator : Jaswal  
 Lab Sample ID : N4955-07 Instrumnet Name : P8  
 Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1  
 Date & Time Acquired : 2022-12-22 11:42:54 DataFile Name : 026AREF.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Krypton    | 83-1  | 299     | 306     | 359     | 321     | 10.18  | cps   |
| Lead       | 206-1 | 4112    | 3840    | 4162    | 4038    | 4.30   | cps   |
| Lead       | 207-1 | 3645    | 3628    | 3551    | 3608    | 1.40   | cps   |
| Lead       | 208-1 | 16710   | 16293   | 16805   | 16603   | 1.64   | cps   |
| Lithium    | 6-1   | 4725760 | 4794047 | 4702786 | 4740864 | 1.00   | cps   |
| Magnesium  | 24-2  | 19614   | 14691   | 14407   | 16237   | 18.03  | cps   |
| Manganese  | 55-2  | 2120    | 1763    | 1713    | 1866    | 11.89  | cps   |
| Molybdenum | 94-1  | 4593    | 4568    | 4909    | 4690    | 4.06   | cps   |
| Molybdenum | 95-1  | 2625    | 2675    | 2542    | 2614    | 2.58   | cps   |
| Molybdenum | 96-1  | 3859    | 3626    | 3609    | 3698    | 3.78   | cps   |
| Molybdenum | 97-1  | 1775    | 1675    | 1850    | 1767    | 4.97   | cps   |
| Molybdenum | 98-1  | 4376    | 4401    | 4168    | 4315    | 2.97   | cps   |
| Neodymium  | 150-1 | 0       | 20      | 13      | 11      | 91.66  | cps   |
| Neodymium  | 150-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 863     | 743     | 763     | 790     | 8.14   | cps   |
| Phosphorus | 31-2  | 217     | 208     | 167     | 197     | 13.58  | cps   |
| Potassium  | 39-2  | 30257   | 28738   | 28938   | 29311   | 2.82   | cps   |
| Rhodium    | 103-1 | 7550677 | 7381197 | 7634287 | 7522054 | 1.71   | cps   |
| Rhodium    | 103-2 | 3366122 | 3409406 | 3424529 | 3400019 | 0.89   | cps   |
| Scandium   | 45-1  | 6035838 | 6108538 | 6051515 | 6065297 | 0.63   | cps   |
| Scandium   | 45-2  | 216029  | 210638  | 214959  | 213875  | 1.33   | cps   |
| Selenium   | 82-1  | 151     | 150     | 56      | 119     | 45.72  | cps   |
| Selenium   | 77-2  | 3       | 13      | 7       | 8       | 65.47  | cps   |
| Selenium   | 78-2  | 96      | 94      | 87      | 92      | 5.12   | cps   |
| Silicon    | 28-1  | 820475  | 824779  | 817836  | 821030  | 0.43   | cps   |
| Silver     | 107-1 | 7486    | 7185    | 7402    | 7358    | 2.11   | cps   |
| Silver     | 109-1 | 6919    | 6894    | 6927    | 6913    | 0.25   | cps   |
| Sodium     | 23-2  | 65925   | 58911   | 58903   | 61246   | 6.62   | cps   |
| Strontium  | 86-1  | 2375    | 2267    | 2392    | 2345    | 2.89   | cps   |
| Strontium  | 88-1  | 15693   | 15951   | 16302   | 15982   | 1.91   | cps   |
| Sulfur     | 34-1  | 412275  | 411419  | 413605  | 412433  | 0.27   | cps   |
| Terbium    | 159-1 | 8891491 | 9063133 | 9158002 | 9037542 | 1.49   | cps   |
| Terbium    | 159-2 | 3825209 | 3838056 | 3901433 | 3854899 | 1.06   | cps   |
| Thallium   | 203-1 | 4318    | 4976    | 4393    | 4562    | 7.90   | cps   |
| Thallium   | 205-1 | 10872   | 9962    | 10188   | 10341   | 4.58   | cps   |
| Tin        | 118-1 | 4751    | 5318    | 5101    | 5057    | 5.66   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | N4955-07            | Instrumnet Name : | P8        |
| Client Sample ID :     | LOD-MDL-WATER-01-Q1 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:42:54 | DataFile Name :   | 026AREF.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 1133     | 1117     | 1300     | 1183     | 8.57   | cps   |
| Uranium   | 238-1 | 12999    | 13232    | 13032    | 13088    | 0.97   | cps   |
| Vanadium  | 51-2  | 1397     | 1233     | 1060     | 1230     | 13.69  | cps   |
| Ytterbium | 172-1 | 50       | 75       | 67       | 64       | 19.92  | cps   |
| Ytterbium | 172-2 | 28       | 6        | 28       | 20       | 62.97  | cps   |
| Ytterbium | 176-1 | 1200     | 1383     | 1308     | 1297     | 7.11   | cps   |
| Ytterbium | 176-2 | 9426     | 10065    | 10043    | 9845     | 3.69   | cps   |
| Yttrium   | 89-1  | 13824901 | 13933419 | 13736877 | 13831732 | 0.71   | cps   |
| Yttrium   | 89-2  | 1541857  | 1566894  | 1557967  | 1555573  | 0.82   | cps   |
| Zinc      | 66-2  | 780      | 617      | 747      | 714      | 12.08  | cps   |
| Zirconium | 90-1  | 9287     | 8945     | 9237     | 9156     | 2.02   | cps   |
| Zirconium | 91-1  | 2134     | 2192     | 2042     | 2122     | 3.56   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | N4955-09            | Instrumnet Name : | P8        |
| Client Sample ID :     | MDL-WATER-03-QT4-20 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:46:23 | DataFile Name :   | 027AREF.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 467     | 452     | 441     | 454     | 2.90   | cps   |
| Antimony   | 121-1 | 1592    | 1608    | 1458    | 1553    | 5.29   | cps   |
| Arsenic    | 75-2  | 53      | 58      | 49      | 53      | 8.45   | cps   |
| Barium     | 135-1 | 1842    | 1683    | 1633    | 1720    | 6.33   | cps   |
| Barium     | 137-1 | 3025    | 3192    | 2975    | 3064    | 3.70   | cps   |
| Beryllium  | 9-1   | 822     | 870     | 840     | 844     | 2.85   | cps   |
| Bismuth    | 209-1 | 5380670 | 5324304 | 5112421 | 5272465 | 2.68   | cps   |
| Bismuth    | 209-2 | 2921681 | 2846837 | 3018779 | 2929099 | 2.94   | cps   |
| Boron      | 10-1  | 2762    | 2680    | 2668    | 2703    | 1.89   | cps   |
| Boron      | 11-1  | 12339   | 12241   | 11904   | 12161   | 1.87   | cps   |
| Bromine    | 81-1  | 50373   | 48746   | 48646   | 49255   | 1.97   | cps   |
| Cadmium    | 111-1 | 3487    | 3496    | 3346    | 3443    | 2.44   | cps   |
| Cadmium    | 106-1 | 4509    | 4284    | 4126    | 4306    | 4.47   | cps   |
| Cadmium    | 108-1 | 75      | 58      | 54      | 63      | 17.64  | cps   |
| Calcium    | 43-1  | 816     | 746     | 764     | 775     | 4.70   | cps   |
| Calcium    | 44-1  | 21445   | 21496   | 20896   | 21279   | 1.56   | cps   |
| Carbon     | 12-1  | 7475980 | 7356894 | 7317369 | 7383414 | 1.12   | cps   |
| Carbon     | 12-2  | 86563   | 84208   | 84459   | 85077   | 1.52   | cps   |
| Chlorine   | 35-1  | 335637  | 334388  | 329560  | 333195  | 0.96   | cps   |
| Chlorine   | 35-2  | 2500    | 2384    | 2267    | 2384    | 4.90   | cps   |
| Chromium   | 52-2  | 1260    | 1143    | 1237    | 1213    | 5.09   | cps   |
| Cobalt     | 59-2  | 1010    | 980     | 933     | 974     | 3.97   | cps   |
| Copper     | 63-2  | 2437    | 2627    | 2530    | 2531    | 3.75   | cps   |
| Dysprosium | 156-1 | 8       | 0       | 25      | 11      | 114.58 | cps   |
| Dysprosium | 156-2 | 0       | 0       | 7       | 2       | 173.21 | cps   |
| Erbium     | 164-1 | 42      | 33      | 83      | 53      | 50.76  | cps   |
| Erbium     | 164-2 | 30      | 17      | 23      | 23      | 28.56  | cps   |
| Gadolinium | 160-1 | 117     | 108     | 75      | 100     | 22.05  | cps   |
| Gadolinium | 160-2 | 120     | 170     | 147     | 146     | 17.19  | cps   |
| Holmium    | 165-1 | 8801764 | 8459019 | 8041299 | 8434027 | 4.52   | cps   |
| Holmium    | 165-2 | 3841836 | 3774784 | 4100642 | 3905754 | 4.41   | cps   |
| Indium     | 115-1 | 7340361 | 7667767 | 7262160 | 7423429 | 2.90   | cps   |
| Indium     | 115-2 | 1192994 | 1222164 | 1273966 | 1229708 | 3.33   | cps   |
| Iron       | 54-2  | 2006    | 1989    | 1783    | 1926    | 6.43   | cps   |
| Iron       | 56-2  | 25801   | 25417   | 25117   | 25445   | 1.35   | cps   |
| Iron       | 57-2  | 794     | 739     | 661     | 732     | 9.16   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | N4955-09            | Instrumnet Name : | P8        |
| Client Sample ID :     | MDL-WATER-03-QT4-20 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:46:23 | DataFile Name :   | 027AREF.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Krypton    | 83-1  | 314     | 294     | 372     | 327     | 12.53  | cps   |
| Lead       | 206-1 | 1922    | 1806    | 1783    | 1837    | 4.06   | cps   |
| Lead       | 207-1 | 1511    | 1645    | 1511    | 1556    | 4.95   | cps   |
| Lead       | 208-1 | 7518    | 7318    | 7340    | 7392    | 1.48   | cps   |
| Lithium    | 6-1   | 4740284 | 4804314 | 4438799 | 4661132 | 4.19   | cps   |
| Magnesium  | 24-2  | 5259    | 5201    | 5268    | 5243    | 0.69   | cps   |
| Manganese  | 55-2  | 583     | 643     | 580     | 602     | 5.92   | cps   |
| Molybdenum | 94-1  | 3734    | 3951    | 3626    | 3770    | 4.39   | cps   |
| Molybdenum | 95-1  | 4367    | 4151    | 4401    | 4306    | 3.15   | cps   |
| Molybdenum | 96-1  | 5251    | 5001    | 5159    | 5137    | 2.46   | cps   |
| Molybdenum | 97-1  | 2867    | 2800    | 2617    | 2761    | 4.69   | cps   |
| Molybdenum | 98-1  | 6574    | 7333    | 7224    | 7044    | 5.83   | cps   |
| Neodymium  | 150-1 | 13      | 0       | 7       | 7       | 99.98  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 277     | 287     | 333     | 299     | 10.12  | cps   |
| Phosphorus | 31-2  | 150     | 158     | 200     | 169     | 15.81  | cps   |
| Potassium  | 39-2  | 26976   | 26066   | 25724   | 26255   | 2.47   | cps   |
| Rhodium    | 103-1 | 7732172 | 7650068 | 6909316 | 7430519 | 6.10   | cps   |
| Rhodium    | 103-2 | 3365387 | 3420993 | 3536039 | 3440806 | 2.53   | cps   |
| Scandium   | 45-1  | 6101043 | 6219917 | 5745417 | 6022126 | 4.10   | cps   |
| Scandium   | 45-2  | 206330  | 214951  | 224948  | 215410  | 4.33   | cps   |
| Selenium   | 82-1  | 425     | 432     | 372     | 410     | 7.97   | cps   |
| Selenium   | 77-2  | 13      | 7       | 7       | 9       | 43.25  | cps   |
| Selenium   | 78-2  | 101     | 103     | 115     | 106     | 7.12   | cps   |
| Silicon    | 28-1  | 811594  | 828900  | 854597  | 831697  | 2.60   | cps   |
| Silver     | 107-1 | 3209    | 3017    | 3134    | 3120    | 3.10   | cps   |
| Silver     | 109-1 | 2892    | 2817    | 2809    | 2839    | 1.62   | cps   |
| Sodium     | 23-2  | 41568   | 40549   | 42596   | 41571   | 2.46   | cps   |
| Strontium  | 86-1  | 1158    | 1117    | 1050    | 1108    | 4.93   | cps   |
| Strontium  | 88-1  | 5285    | 4893    | 5518    | 5232    | 6.04   | cps   |
| Sulfur     | 34-1  | 414573  | 411489  | 413279  | 413114  | 0.37   | cps   |
| Terbium    | 159-1 | 8823113 | 8690891 | 8450981 | 8654995 | 2.18   | cps   |
| Terbium    | 159-2 | 3692907 | 3806796 | 3901415 | 3800373 | 2.75   | cps   |
| Thallium   | 203-1 | 1734    | 1784    | 2025    | 1847    | 8.44   | cps   |
| Thallium   | 205-1 | 4309    | 4701    | 4276    | 4429    | 5.34   | cps   |
| Tin        | 118-1 | 2700    | 2575    | 2425    | 2567    | 5.36   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | N4955-09            | Instrumnet Name : | P8        |
| Client Sample ID :     | MDL-WATER-03-QT4-20 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:46:23 | DataFile Name :   | 027AREF.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 1708     | 2067     | 2092     | 1956     | 10.97  | cps   |
| Uranium   | 238-1 | 4167     | 4493     | 4201     | 4287     | 4.17   | cps   |
| Vanadium  | 51-2  | 430      | 393      | 390      | 404      | 5.49   | cps   |
| Ytterbium | 172-1 | 33       | 33       | 42       | 36       | 13.33  | cps   |
| Ytterbium | 172-2 | 39       | 22       | 28       | 30       | 28.65  | cps   |
| Ytterbium | 176-1 | 1283     | 1092     | 1100     | 1158     | 9.35   | cps   |
| Ytterbium | 176-2 | 8820     | 9303     | 10944    | 9689     | 11.49  | cps   |
| Yttrium   | 89-1  | 13903716 | 13217184 | 13008044 | 13376314 | 3.50   | cps   |
| Yttrium   | 89-2  | 1508549  | 1543438  | 1653410  | 1568465  | 4.82   | cps   |
| Zinc      | 66-2  | 357      | 363      | 353      | 358      | 1.42   | cps   |
| Zirconium | 90-1  | 3367     | 3492     | 3175     | 3345     | 4.77   | cps   |
| Zirconium | 91-1  | 792      | 842      | 567      | 733      | 19.98  | cps   |

LB Number : LB123428 Operator : Jaswal  
 Lab Sample ID : N4955-10 Instrumnet Name : P8  
 Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1  
 Date & Time Acquired : 2022-12-22 11:53:34 DataFile Name : 028AREF.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 1267    | 1182    | 1179    | 1209    | 4.15   | cps   |
| Antimony   | 121-1 | 4167    | 4209    | 4126    | 4167    | 1.00   | cps   |
| Arsenic    | 75-2  | 149     | 158     | 142     | 150     | 5.36   | cps   |
| Barium     | 135-1 | 5051    | 5151    | 4801    | 5001    | 3.61   | cps   |
| Barium     | 137-1 | 8812    | 9295    | 8928    | 9012    | 2.80   | cps   |
| Beryllium  | 9-1   | 2440    | 2494    | 2394    | 2442    | 2.05   | cps   |
| Bismuth    | 209-1 | 5358800 | 5300811 | 5330460 | 5330024 | 0.54   | cps   |
| Bismuth    | 209-2 | 2819655 | 2911668 | 2861364 | 2864229 | 1.61   | cps   |
| Boron      | 10-1  | 2276    | 2220    | 2284    | 2260    | 1.54   | cps   |
| Boron      | 11-1  | 9871    | 9933    | 9889    | 9898    | 0.32   | cps   |
| Bromine    | 81-1  | 47502   | 51337   | 48063   | 48967   | 4.23   | cps   |
| Cadmium    | 111-1 | 4048    | 4306    | 4206    | 4187    | 3.11   | cps   |
| Cadmium    | 106-1 | 3984    | 4226    | 4117    | 4109    | 2.95   | cps   |
| Cadmium    | 108-1 | 129     | 133     | 108     | 124     | 10.83  | cps   |
| Calcium    | 43-1  | 1937    | 1959    | 1902    | 1933    | 1.47   | cps   |
| Calcium    | 44-1  | 40985   | 41064   | 40371   | 40807   | 0.93   | cps   |
| Carbon     | 12-1  | 6859271 | 6935782 | 7054673 | 6949909 | 1.42   | cps   |
| Carbon     | 12-2  | 82959   | 81803   | 81141   | 81967   | 1.12   | cps   |
| Chlorine   | 35-1  | 293066  | 291935  | 289765  | 291589  | 0.58   | cps   |
| Chlorine   | 35-2  | 2459    | 2267    | 2275    | 2334    | 4.64   | cps   |
| Chromium   | 52-2  | 2270    | 2184    | 2280    | 2245    | 2.37   | cps   |
| Cobalt     | 59-2  | 2824    | 2830    | 2837    | 2830    | 0.24   | cps   |
| Copper     | 63-2  | 4994    | 5108    | 5311    | 5138    | 3.12   | cps   |
| Dysprosium | 156-1 | 8       | 8       | 8       | 8       | 0.00   | cps   |
| Dysprosium | 156-2 | 3       | 7       | 3       | 4       | 43.40  | cps   |
| Erbium     | 164-1 | 50      | 83      | 33      | 56      | 45.83  | cps   |
| Erbium     | 164-2 | 27      | 23      | 37      | 29      | 24.03  | cps   |
| Gadolinium | 160-1 | 50      | 58      | 50      | 53      | 9.11   | cps   |
| Gadolinium | 160-2 | 100     | 130     | 140     | 123     | 16.88  | cps   |
| Holmium    | 165-1 | 8503551 | 8848937 | 8708196 | 8686895 | 2.00   | cps   |
| Holmium    | 165-2 | 3804800 | 3979930 | 3945000 | 3909910 | 2.37   | cps   |
| Indium     | 115-1 | 7681614 | 7770432 | 7597576 | 7683207 | 1.13   | cps   |
| Indium     | 115-2 | 1237705 | 1217057 | 1221414 | 1225392 | 0.89   | cps   |
| Iron       | 54-2  | 4384    | 4228    | 4151    | 4254    | 2.79   | cps   |
| Iron       | 56-2  | 69485   | 68983   | 65601   | 68023   | 3.11   | cps   |
| Iron       | 57-2  | 1722    | 1695    | 1945    | 1787    | 7.67   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | N4955-10            | Instrumnet Name : | P8        |
| Client Sample ID :     | LOD-MDL-WATER-04-Q1 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:53:34 | DataFile Name :   | 028AREF.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Krypton    | 83-1  | 310     | 331     | 276     | 306     | 9.07   | cps   |
| Lead       | 206-1 | 3967    | 3873    | 3823    | 3888    | 1.89   | cps   |
| Lead       | 207-1 | 3384    | 3884    | 3506    | 3591    | 7.26   | cps   |
| Lead       | 208-1 | 16060   | 16260   | 15949   | 16089   | 0.98   | cps   |
| Lithium    | 6-1   | 4664735 | 4755809 | 4656367 | 4692304 | 1.18   | cps   |
| Magnesium  | 24-2  | 15417   | 14641   | 15300   | 15119   | 2.77   | cps   |
| Manganese  | 55-2  | 1707    | 1687    | 1563    | 1652    | 4.70   | cps   |
| Molybdenum | 94-1  | 5134    | 5026    | 4267    | 4809    | 9.82   | cps   |
| Molybdenum | 95-1  | 2434    | 2492    | 2192    | 2372    | 6.71   | cps   |
| Molybdenum | 96-1  | 3509    | 3434    | 3367    | 3437    | 2.06   | cps   |
| Molybdenum | 97-1  | 1650    | 1500    | 1600    | 1583    | 4.82   | cps   |
| Molybdenum | 98-1  | 4160    | 4193    | 4269    | 4207    | 1.32   | cps   |
| Neodymium  | 150-1 | 20      | 20      | 13      | 18      | 21.66  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 807     | 633     | 753     | 731     | 12.14  | cps   |
| Phosphorus | 31-2  | 217     | 233     | 217     | 222     | 4.33   | cps   |
| Potassium  | 39-2  | 29882   | 29623   | 29957   | 29820   | 0.59   | cps   |
| Rhodium    | 103-1 | 7446579 | 7771487 | 7694860 | 7637642 | 2.22   | cps   |
| Rhodium    | 103-2 | 3482708 | 3467411 | 3416233 | 3455450 | 1.01   | cps   |
| Scandium   | 45-1  | 6166094 | 5838805 | 6075598 | 6026832 | 2.80   | cps   |
| Scandium   | 45-2  | 219532  | 219883  | 215952  | 218456  | 1.00   | cps   |
| Selenium   | 82-1  | 141     | 124     | 125     | 130     | 7.51   | cps   |
| Selenium   | 77-2  | 20      | 7       | 7       | 11      | 69.25  | cps   |
| Selenium   | 78-2  | 79      | 94      | 106     | 93      | 14.54  | cps   |
| Silicon    | 28-1  | 822520  | 831678  | 830841  | 828346  | 0.61   | cps   |
| Silver     | 107-1 | 7411    | 7402    | 7135    | 7316    | 2.14   | cps   |
| Silver     | 109-1 | 7010    | 7461    | 7110    | 7194    | 3.29   | cps   |
| Sodium     | 23-2  | 57371   | 58166   | 57731   | 57756   | 0.69   | cps   |
| Strontium  | 86-1  | 2142    | 2259    | 2300    | 2234    | 3.68   | cps   |
| Strontium  | 88-1  | 14608   | 15267   | 14508   | 14794   | 2.79   | cps   |
| Sulfur     | 34-1  | 421272  | 421302  | 424120  | 422232  | 0.39   | cps   |
| Terbium    | 159-1 | 8886867 | 9084747 | 8710638 | 8894084 | 2.10   | cps   |
| Terbium    | 159-2 | 3920302 | 3757562 | 3894973 | 3857612 | 2.27   | cps   |
| Thallium   | 203-1 | 4526    | 4468    | 4117    | 4370    | 5.05   | cps   |
| Thallium   | 205-1 | 10196   | 10771   | 10496   | 10488   | 2.74   | cps   |
| Tin        | 118-1 | 4918    | 5051    | 5151    | 5040    | 2.32   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | N4955-10            | Instrumnet Name : | P8        |
| Client Sample ID :     | LOD-MDL-WATER-04-Q1 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:53:34 | DataFile Name :   | 028AREF.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 1517     | 1075     | 1183     | 1258     | 18.29  | cps   |
| Uranium   | 238-1 | 12907    | 12965    | 11797    | 12557    | 5.24   | cps   |
| Vanadium  | 51-2  | 1260     | 1160     | 1240     | 1220     | 4.34   | cps   |
| Ytterbium | 172-1 | 42       | 50       | 42       | 44       | 10.82  | cps   |
| Ytterbium | 172-2 | 44       | 39       | 22       | 35       | 32.88  | cps   |
| Ytterbium | 176-1 | 1175     | 1233     | 1250     | 1220     | 3.23   | cps   |
| Ytterbium | 176-2 | 9298     | 9504     | 9554     | 9452     | 1.43   | cps   |
| Yttrium   | 89-1  | 13152564 | 13542424 | 13414400 | 13369796 | 1.49   | cps   |
| Yttrium   | 89-2  | 1575627  | 1597453  | 1575135  | 1582738  | 0.81   | cps   |
| Zinc      | 66-2  | 707      | 730      | 643      | 693      | 6.47   | cps   |
| Zirconium | 90-1  | 8294     | 9745     | 9020     | 9020     | 8.04   | cps   |
| Zirconium | 91-1  | 2317     | 2000     | 1967     | 2095     | 9.22   | cps   |



LB Number : LB123428 Operator : Jaswal  
 Lab Sample ID : N4955-12 Instrumnet Name : P8  
 Client Sample ID : MDL-WATER-06-QT4-20 Dilution Factor : 1  
 Date & Time Acquired : 2022-12-22 11:56:45 DataFile Name : 029AREF.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 476     | 522     | 484     | 494     | 5.02   | cps   |
| Antimony   | 121-1 | 1375    | 1508    | 1467    | 1450    | 4.70   | cps   |
| Arsenic    | 75-2  | 71      | 55      | 53      | 60      | 16.53  | cps   |
| Barium     | 135-1 | 1625    | 1667    | 2084    | 1792    | 14.15  | cps   |
| Barium     | 137-1 | 3159    | 3167    | 2900    | 3075    | 4.93   | cps   |
| Beryllium  | 9-1   | 924     | 862     | 851     | 879     | 4.44   | cps   |
| Bismuth    | 209-1 | 5514101 | 5446575 | 5453669 | 5471449 | 0.68   | cps   |
| Bismuth    | 209-2 | 2843939 | 2887620 | 2876128 | 2869229 | 0.79   | cps   |
| Boron      | 10-1  | 1864    | 1892    | 1882    | 1879    | 0.76   | cps   |
| Boron      | 11-1  | 7923    | 8033    | 7865    | 7940    | 1.08   | cps   |
| Bromine    | 81-1  | 49972   | 48314   | 49731   | 49339   | 1.82   | cps   |
| Cadmium    | 111-1 | 3412    | 3613    | 3636    | 3554    | 3.46   | cps   |
| Cadmium    | 106-1 | 4201    | 4484    | 4618    | 4434    | 4.80   | cps   |
| Cadmium    | 108-1 | 58      | 67      | 67      | 64      | 7.54   | cps   |
| Calcium    | 43-1  | 841     | 819     | 781     | 814     | 3.72   | cps   |
| Calcium    | 44-1  | 21893   | 21776   | 21379   | 21683   | 1.24   | cps   |
| Carbon     | 12-1  | 7416892 | 7217578 | 7345872 | 7326781 | 1.38   | cps   |
| Carbon     | 12-2  | 84626   | 84945   | 84895   | 84822   | 0.20   | cps   |
| Chlorine   | 35-1  | 272759  | 268651  | 272624  | 271345  | 0.86   | cps   |
| Chlorine   | 35-2  | 1875    | 2134    | 1934    | 1981    | 6.84   | cps   |
| Chromium   | 52-2  | 1240    | 1247    | 1250    | 1246    | 0.41   | cps   |
| Cobalt     | 59-2  | 1137    | 973     | 883     | 998     | 12.87  | cps   |
| Copper     | 63-2  | 2537    | 2464    | 2597    | 2532    | 2.64   | cps   |
| Dysprosium | 156-1 | 0       | 0       | 17      | 6       | 173.21 | cps   |
| Dysprosium | 156-2 | 10      | 3       | 0       | 4       | 114.60 | cps   |
| Erbium     | 164-1 | 50      | 25      | 50      | 42      | 34.64  | cps   |
| Erbium     | 164-2 | 13      | 13      | 30      | 19      | 50.96  | cps   |
| Gadolinium | 160-1 | 92      | 142     | 58      | 97      | 43.14  | cps   |
| Gadolinium | 160-2 | 160     | 123     | 120     | 134     | 16.51  | cps   |
| Holmium    | 165-1 | 8703349 | 8505088 | 8568721 | 8592386 | 1.18   | cps   |
| Holmium    | 165-2 | 3749533 | 3896678 | 3936799 | 3861003 | 2.55   | cps   |
| Indium     | 115-1 | 7745858 | 7556281 | 7804807 | 7702315 | 1.69   | cps   |
| Indium     | 115-2 | 1207143 | 1225316 | 1227473 | 1219977 | 0.92   | cps   |
| Iron       | 54-2  | 1917    | 1939    | 1989    | 1948    | 1.90   | cps   |
| Iron       | 56-2  | 26670   | 26414   | 26057   | 26380   | 1.17   | cps   |
| Iron       | 57-2  | 689     | 817     | 806     | 770     | 9.19   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | N4955-12            | Instrumnet Name : | P8        |
| Client Sample ID :     | MDL-WATER-06-QT4-20 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:56:45 | DataFile Name :   | 029AREF.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Krypton    | 83-1  | 309     | 327     | 310     | 315     | 3.32   | cps   |
| Lead       | 206-1 | 1967    | 2117    | 1689    | 1924    | 11.28  | cps   |
| Lead       | 207-1 | 1550    | 1645    | 1489    | 1561    | 5.02   | cps   |
| Lead       | 208-1 | 7484    | 7718    | 7029    | 7410    | 4.73   | cps   |
| Lithium    | 6-1   | 4838035 | 4686791 | 4672758 | 4732528 | 1.94   | cps   |
| Magnesium  | 24-2  | 5751    | 5384    | 5410    | 5515    | 3.72   | cps   |
| Manganese  | 55-2  | 603     | 637     | 527     | 589     | 9.58   | cps   |
| Molybdenum | 94-1  | 3684    | 3726    | 4059    | 3823    | 5.38   | cps   |
| Molybdenum | 95-1  | 4684    | 4726    | 4568    | 4659    | 1.76   | cps   |
| Molybdenum | 96-1  | 5001    | 5510    | 4968    | 5159    | 5.89   | cps   |
| Molybdenum | 97-1  | 2859    | 2767    | 2900    | 2842    | 2.40   | cps   |
| Molybdenum | 98-1  | 7074    | 7383    | 6399    | 6952    | 7.24   | cps   |
| Neodymium  | 150-1 | 7       | 7       | 7       | 7       | 0.00   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 333     | 267     | 330     | 310     | 12.12  | cps   |
| Phosphorus | 31-2  | 217     | 242     | 133     | 197     | 28.76  | cps   |
| Potassium  | 39-2  | 27936   | 26993   | 26033   | 26987   | 3.53   | cps   |
| Rhodium    | 103-1 | 7524130 | 7572619 | 7580458 | 7559069 | 0.40   | cps   |
| Rhodium    | 103-2 | 3398695 | 3392219 | 3328456 | 3373123 | 1.15   | cps   |
| Scandium   | 45-1  | 6201054 | 5868727 | 5864432 | 5978071 | 3.23   | cps   |
| Scandium   | 45-2  | 216152  | 217961  | 215618  | 216577  | 0.57   | cps   |
| Selenium   | 82-1  | 431     | 391     | 355     | 392     | 9.72   | cps   |
| Selenium   | 77-2  | 10      | 20      | 7       | 12      | 56.76  | cps   |
| Selenium   | 78-2  | 94      | 123     | 116     | 111     | 13.63  | cps   |
| Silicon    | 28-1  | 832899  | 829989  | 836460  | 833116  | 0.39   | cps   |
| Silver     | 107-1 | 2634    | 2500    | 2817    | 2650    | 6.00   | cps   |
| Silver     | 109-1 | 2484    | 2550    | 2484    | 2506    | 1.54   | cps   |
| Sodium     | 23-2  | 41493   | 40465   | 40172   | 40710   | 1.70   | cps   |
| Strontium  | 86-1  | 1108    | 1175    | 892     | 1058    | 14.00  | cps   |
| Strontium  | 88-1  | 5685    | 5034    | 5376    | 5365    | 6.06   | cps   |
| Sulfur     | 34-1  | 426905  | 431101  | 423200  | 427069  | 0.93   | cps   |
| Terbium    | 159-1 | 8797148 | 8625778 | 8915498 | 8779474 | 1.66   | cps   |
| Terbium    | 159-2 | 3867546 | 3877838 | 3964792 | 3903392 | 1.37   | cps   |
| Thallium   | 203-1 | 1617    | 1892    | 1759    | 1756    | 7.83   | cps   |
| Thallium   | 205-1 | 4134    | 4309    | 4017    | 4154    | 3.54   | cps   |
| Tin        | 118-1 | 2384    | 2492    | 2417    | 2431    | 2.28   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | N4955-12            | Instrumnet Name : | P8        |
| Client Sample ID :     | MDL-WATER-06-QT4-20 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 11:56:45 | DataFile Name :   | 029AREF.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 1992     | 1892     | 1758     | 1881     | 6.23   | cps   |
| Uranium   | 238-1 | 4551     | 4192     | 3942     | 4229     | 7.23   | cps   |
| Vanadium  | 51-2  | 433      | 447      | 403      | 428      | 5.19   | cps   |
| Ytterbium | 172-1 | 50       | 42       | 67       | 53       | 24.12  | cps   |
| Ytterbium | 172-2 | 33       | 33       | 22       | 30       | 21.65  | cps   |
| Ytterbium | 176-1 | 1233     | 1258     | 1125     | 1206     | 5.88   | cps   |
| Ytterbium | 176-2 | 9415     | 9498     | 9704     | 9539     | 1.56   | cps   |
| Yttrium   | 89-1  | 13504086 | 14037874 | 13764212 | 13768724 | 1.94   | cps   |
| Yttrium   | 89-2  | 1540105  | 1551893  | 1522823  | 1538274  | 0.95   | cps   |
| Zinc      | 66-2  | 320      | 380      | 270      | 323      | 17.03  | cps   |
| Zirconium | 90-1  | 3342     | 3534     | 3526     | 3467     | 3.13   | cps   |
| Zirconium | 91-1  | 767      | 900      | 792      | 819      | 8.65   | cps   |

LB Number : LB123428 Operator : Jaswal  
 Lab Sample ID : N5388-02 Instrumnet Name : P8  
 Client Sample ID : MDL-WATER-QT4-2022- Dilution Factor : 1  
 Date & Time Acquired : 2022-12-22 12:03:08 DataFile Name : 031AREF.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 750     | 740     | 711     | 734     | 2.74   | cps   |
| Antimony   | 121-1 | 4743    | 4876    | 4701    | 4773    | 1.92   | cps   |
| Arsenic    | 75-2  | 87      | 92      | 102     | 94      | 8.15   | cps   |
| Barium     | 135-1 | 5901    | 5576    | 5351    | 5610    | 4.93   | cps   |
| Barium     | 137-1 | 10313   | 10521   | 10304   | 10379   | 1.18   | cps   |
| Beryllium  | 9-1   | 1491    | 1447    | 1411    | 1450    | 2.76   | cps   |
| Bismuth    | 209-1 | 5233558 | 5675755 | 5760383 | 5556565 | 5.09   | cps   |
| Bismuth    | 209-2 | 2785554 | 2867080 | 2869978 | 2840871 | 1.69   | cps   |
| Boron      | 10-1  | 5660    | 6012    | 5858    | 5843    | 3.02   | cps   |
| Boron      | 11-1  | 26142   | 26492   | 26981   | 26539   | 1.59   | cps   |
| Bromine    | 81-1  | 49340   | 50886   | 49429   | 49885   | 1.74   | cps   |
| Cadmium    | 111-1 | 3962    | 3974    | 3997    | 3978    | 0.45   | cps   |
| Cadmium    | 106-1 | 4451    | 4584    | 4768    | 4601    | 3.46   | cps   |
| Cadmium    | 108-1 | 58      | 92      | 75      | 75      | 22.23  | cps   |
| Calcium    | 43-1  | 5290    | 5354    | 5214    | 5286    | 1.33   | cps   |
| Calcium    | 44-1  | 96706   | 94992   | 94042   | 95247   | 1.42   | cps   |
| Carbon     | 12-1  | 6849616 | 6876548 | 6878744 | 6868303 | 0.24   | cps   |
| Carbon     | 12-2  | 79691   | 78367   | 80403   | 79487   | 1.30   | cps   |
| Chlorine   | 35-1  | 245233  | 245964  | 243783  | 244993  | 0.45   | cps   |
| Chlorine   | 35-2  | 1817    | 1800    | 1975    | 1864    | 5.18   | cps   |
| Chromium   | 52-2  | 2537    | 2460    | 2377    | 2458    | 3.26   | cps   |
| Cobalt     | 59-2  | 1740    | 1687    | 1653    | 1693    | 2.58   | cps   |
| Copper     | 63-2  | 3590    | 3377    | 3390    | 3453    | 3.46   | cps   |
| Dysprosium | 156-1 | 17      | 0       | 33      | 17      | 99.99  | cps   |
| Dysprosium | 156-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 25      | 25      | 58      | 36      | 53.29  | cps   |
| Erbium     | 164-2 | 37      | 17      | 20      | 24      | 43.83  | cps   |
| Gadolinium | 160-1 | 92      | 92      | 83      | 89      | 5.41   | cps   |
| Gadolinium | 160-2 | 107     | 117     | 150     | 124     | 18.23  | cps   |
| Holmium    | 165-1 | 8119076 | 9044141 | 9203386 | 8788868 | 6.66   | cps   |
| Holmium    | 165-2 | 3926842 | 3875491 | 3823605 | 3875313 | 1.33   | cps   |
| Indium     | 115-1 | 7622540 | 8260480 | 7962476 | 7948499 | 4.02   | cps   |
| Indium     | 115-2 | 1207189 | 1215500 | 1220765 | 1214485 | 0.56   | cps   |
| Iron       | 54-2  | 9120    | 9503    | 9342    | 9322    | 2.07   | cps   |
| Iron       | 56-2  | 159467  | 157656  | 157862  | 158328  | 0.63   | cps   |
| Iron       | 57-2  | 4162    | 4156    | 4251    | 4190    | 1.27   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | N5388-02            | Instrumnet Name : | P8        |
| Client Sample ID :     | MDL-WATER-QT4-2022- | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:03:08 | DataFile Name :   | 031AREF.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Krypton    | 83-1  | 331     | 296     | 287     | 305     | 7.59   | cps   |
| Lead       | 206-1 | 2511    | 2700    | 2423    | 2545    | 5.58   | cps   |
| Lead       | 207-1 | 2184    | 2100    | 2211    | 2165    | 2.67   | cps   |
| Lead       | 208-1 | 10180   | 10013   | 10146   | 10113   | 0.87   | cps   |
| Lithium    | 6-1   | 4686990 | 4980170 | 5121647 | 4929602 | 4.50   | cps   |
| Magnesium  | 24-2  | 43282   | 43842   | 43098   | 43407   | 0.89   | cps   |
| Manganese  | 55-2  | 547     | 580     | 647     | 591     | 8.61   | cps   |
| Molybdenum | 94-1  | 6360    | 6177    | 6468    | 6335    | 2.33   | cps   |
| Molybdenum | 95-1  | 7152    | 7461    | 6752    | 7121    | 4.99   | cps   |
| Molybdenum | 96-1  | 8069    | 7677    | 8369    | 8039    | 4.32   | cps   |
| Molybdenum | 97-1  | 4784    | 4184    | 4301    | 4423    | 7.19   | cps   |
| Molybdenum | 98-1  | 12101   | 11893   | 11409   | 11801   | 3.01   | cps   |
| Neodymium  | 150-1 | 13      | 7       | 7       | 9       | 43.25  | cps   |
| Neodymium  | 150-2 | 3       | 7       | 0       | 3       | 100.05 | cps   |
| Nickel     | 60-2  | 477     | 583     | 487     | 516     | 11.43  | cps   |
| Phosphorus | 31-2  | 217     | 108     | 142     | 156     | 35.67  | cps   |
| Potassium  | 39-2  | 52847   | 52906   | 53199   | 52984   | 0.36   | cps   |
| Rhodium    | 103-1 | 7465252 | 8159963 | 8161966 | 7929060 | 5.07   | cps   |
| Rhodium    | 103-2 | 3497515 | 3411349 | 3410824 | 3439896 | 1.45   | cps   |
| Scandium   | 45-1  | 5998646 | 6492233 | 6577297 | 6356059 | 4.92   | cps   |
| Scandium   | 45-2  | 215044  | 223479  | 218228  | 218917  | 1.95   | cps   |
| Selenium   | 82-1  | 439     | 540     | 497     | 492     | 10.33  | cps   |
| Selenium   | 77-2  | 10      | 17      | 23      | 17      | 39.99  | cps   |
| Selenium   | 78-2  | 131     | 123     | 141     | 132     | 6.85   | cps   |
| Silicon    | 28-1  | 870128  | 870027  | 852532  | 864229  | 1.17   | cps   |
| Silver     | 107-1 | 4459    | 4343    | 4101    | 4301    | 4.25   | cps   |
| Silver     | 109-1 | 4084    | 4259    | 4217    | 4187    | 2.18   | cps   |
| Sodium     | 23-2  | 108947  | 108250  | 107435  | 108211  | 0.70   | cps   |
| Strontium  | 86-1  | 1558    | 1217    | 1442    | 1406    | 12.36  | cps   |
| Strontium  | 88-1  | 8453    | 8419    | 8094    | 8322    | 2.38   | cps   |
| Sulfur     | 34-1  | 423105  | 429196  | 425302  | 425868  | 0.72   | cps   |
| Terbium    | 159-1 | 8465740 | 9759383 | 9546562 | 9257229 | 7.49   | cps   |
| Terbium    | 159-2 | 3857582 | 3910083 | 3868367 | 3878677 | 0.71   | cps   |
| Thallium   | 203-1 | 2484    | 2467    | 2467    | 2473    | 0.39   | cps   |
| Thallium   | 205-1 | 6343    | 6577    | 5918    | 6279    | 5.32   | cps   |
| Tin        | 118-1 | 12782   | 12189   | 11305   | 12092   | 6.15   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | N5388-02            | Instrumnet Name : | P8        |
| Client Sample ID :     | MDL-WATER-QT4-2022- | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:03:08 | DataFile Name :   | 031AREF.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 2984     | 2859     | 2400     | 2748     | 11.18  | cps   |
| Uranium   | 238-1 | 7261     | 7386     | 6760     | 7136     | 4.64   | cps   |
| Vanadium  | 51-2  | 3584     | 3517     | 3460     | 3520     | 1.75   | cps   |
| Ytterbium | 172-1 | 75       | 75       | 83       | 78       | 6.19   | cps   |
| Ytterbium | 172-2 | 28       | 22       | 11       | 20       | 41.67  | cps   |
| Ytterbium | 176-1 | 1333     | 1467     | 1575     | 1458     | 8.30   | cps   |
| Ytterbium | 176-2 | 9754     | 9759     | 9570     | 9694     | 1.11   | cps   |
| Yttrium   | 89-1  | 13530072 | 14599227 | 15026849 | 14385383 | 5.36   | cps   |
| Yttrium   | 89-2  | 1611030  | 1577106  | 1528911  | 1572349  | 2.62   | cps   |
| Zinc      | 66-2  | 493      | 520      | 480      | 498      | 4.09   | cps   |
| Zirconium | 90-1  | 5776     | 5868     | 5476     | 5707     | 3.59   | cps   |
| Zirconium | 91-1  | 1217     | 1258     | 1092     | 1189     | 7.30   | cps   |

|                        |                      |                   |           |
|------------------------|----------------------|-------------------|-----------|
| LB Number :            | LB123428             | Operator :        | Jaswal    |
| Lab Sample ID :        | N5388-04             | Instrumnet Name : | P8        |
| Client Sample ID :     | MDL-SOIL-QT4-2022-08 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:06:25  | DataFile Name :   | 032AREF.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 730     | 742     | 725     | 732     | 1.23   | cps   |
| Antimony   | 121-1 | 4718    | 4551    | 4901    | 4723    | 3.71   | cps   |
| Arsenic    | 75-2  | 73      | 106     | 95      | 91      | 18.40  | cps   |
| Barium     | 135-1 | 5668    | 6218    | 5968    | 5951    | 4.63   | cps   |
| Barium     | 137-1 | 10304   | 10396   | 10513   | 10404   | 1.00   | cps   |
| Beryllium  | 9-1   | 1519    | 1500    | 1401    | 1473    | 4.28   | cps   |
| Bismuth    | 209-1 | 5370018 | 5397186 | 5380143 | 5382449 | 0.26   | cps   |
| Bismuth    | 209-2 | 2948153 | 2739410 | 2859275 | 2848946 | 3.68   | cps   |
| Boron      | 10-1  | 5640    | 5884    | 5808    | 5777    | 2.16   | cps   |
| Boron      | 11-1  | 25695   | 25856   | 25894   | 25815   | 0.41   | cps   |
| Bromine    | 81-1  | 48445   | 50021   | 46847   | 48438   | 3.28   | cps   |
| Cadmium    | 111-1 | 3572    | 3973    | 3699    | 3748    | 5.47   | cps   |
| Cadmium    | 106-1 | 4117    | 4543    | 4284    | 4315    | 4.96   | cps   |
| Cadmium    | 108-1 | 92      | 117     | 71      | 93      | 24.66  | cps   |
| Calcium    | 43-1  | 5253    | 5239    | 5173    | 5222    | 0.82   | cps   |
| Calcium    | 44-1  | 96170   | 95907   | 93399   | 95159   | 1.61   | cps   |
| Carbon     | 12-1  | 6855350 | 6885781 | 6871757 | 6870963 | 0.22   | cps   |
| Carbon     | 12-2  | 79087   | 78635   | 78636   | 78786   | 0.33   | cps   |
| Chlorine   | 35-1  | 234933  | 236330  | 231631  | 234298  | 1.03   | cps   |
| Chlorine   | 35-2  | 2042    | 1700    | 1758    | 1834    | 9.97   | cps   |
| Chromium   | 52-2  | 2510    | 2420    | 2420    | 2450    | 2.12   | cps   |
| Cobalt     | 59-2  | 1593    | 1567    | 1553    | 1571    | 1.30   | cps   |
| Copper     | 63-2  | 3527    | 3580    | 3560    | 3556    | 0.76   | cps   |
| Dysprosium | 156-1 | 8       | 25      | 0       | 11      | 114.58 | cps   |
| Dysprosium | 156-2 | 3       | 0       | 7       | 3       | 100.05 | cps   |
| Erbium     | 164-1 | 108     | 75      | 25      | 69      | 60.40  | cps   |
| Erbium     | 164-2 | 30      | 30      | 17      | 26      | 30.11  | cps   |
| Gadolinium | 160-1 | 108     | 75      | 92      | 92      | 18.18  | cps   |
| Gadolinium | 160-2 | 123     | 117     | 173     | 138     | 22.48  | cps   |
| Holmium    | 165-1 | 8345228 | 8473615 | 8582178 | 8467007 | 1.40   | cps   |
| Holmium    | 165-2 | 3838271 | 3913266 | 3852402 | 3867980 | 1.03   | cps   |
| Indium     | 115-1 | 7778964 | 7552246 | 7582659 | 7637957 | 1.61   | cps   |
| Indium     | 115-2 | 1226661 | 1201186 | 1225703 | 1217850 | 1.19   | cps   |
| Iron       | 54-2  | 9453    | 9431    | 8497    | 9127    | 5.98   | cps   |
| Iron       | 56-2  | 158579  | 156586  | 154081  | 156415  | 1.44   | cps   |
| Iron       | 57-2  | 3806    | 4362    | 3889    | 4019    | 7.46   | cps   |

|                        |                      |                   |           |
|------------------------|----------------------|-------------------|-----------|
| LB Number :            | LB123428             | Operator :        | Jaswal    |
| Lab Sample ID :        | N5388-04             | Instrumnet Name : | P8        |
| Client Sample ID :     | MDL-SOIL-QT4-2022-08 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:06:25  | DataFile Name :   | 032AREF.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Krypton    | 83-1  | 342     | 306     | 309     | 319     | 6.34   | cps   |
| Lead       | 206-1 | 2378    | 2628    | 2717    | 2574    | 6.83   | cps   |
| Lead       | 207-1 | 2111    | 2423    | 2117    | 2217    | 8.03   | cps   |
| Lead       | 208-1 | 9585    | 10535   | 9991    | 10037   | 4.75   | cps   |
| Lithium    | 6-1   | 4798367 | 4791283 | 4742089 | 4777246 | 0.64   | cps   |
| Magnesium  | 24-2  | 42814   | 41460   | 40808   | 41694   | 2.45   | cps   |
| Manganese  | 55-2  | 500     | 583     | 580     | 554     | 8.51   | cps   |
| Molybdenum | 94-1  | 6693    | 6343    | 6468    | 6502    | 2.73   | cps   |
| Molybdenum | 95-1  | 7444    | 7611    | 7194    | 7416    | 2.83   | cps   |
| Molybdenum | 96-1  | 8586    | 8728    | 8261    | 8525    | 2.81   | cps   |
| Molybdenum | 97-1  | 4417    | 4476    | 4551    | 4481    | 1.49   | cps   |
| Molybdenum | 98-1  | 11935   | 11868   | 12068   | 11957   | 0.85   | cps   |
| Neodymium  | 150-1 | 7       | 7       | 0       | 4       | 86.60  | cps   |
| Neodymium  | 150-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 410     | 423     | 510     | 448     | 12.13  | cps   |
| Phosphorus | 31-2  | 375     | 250     | 208     | 278     | 31.23  | cps   |
| Potassium  | 39-2  | 54043   | 54403   | 52923   | 53790   | 1.43   | cps   |
| Rhodium    | 103-1 | 7623641 | 7885597 | 7525808 | 7678349 | 2.42   | cps   |
| Rhodium    | 103-2 | 3448193 | 3441787 | 3461897 | 3450626 | 0.30   | cps   |
| Scandium   | 45-1  | 6035459 | 6282119 | 6067444 | 6128341 | 2.19   | cps   |
| Scandium   | 45-2  | 218725  | 217128  | 218767  | 218207  | 0.43   | cps   |
| Selenium   | 82-1  | 490     | 509     | 545     | 515     | 5.43   | cps   |
| Selenium   | 77-2  | 10      | 17      | 23      | 17      | 39.99  | cps   |
| Selenium   | 78-2  | 116     | 124     | 117     | 119     | 3.66   | cps   |
| Silicon    | 28-1  | 858548  | 872360  | 877913  | 869607  | 1.15   | cps   |
| Silver     | 107-1 | 4442    | 3926    | 4409    | 4259    | 6.79   | cps   |
| Silver     | 109-1 | 3959    | 3959    | 3659    | 3859    | 4.49   | cps   |
| Sodium     | 23-2  | 109064  | 106940  | 105043  | 107016  | 1.88   | cps   |
| Strontium  | 86-1  | 1625    | 1417    | 1475    | 1506    | 7.14   | cps   |
| Strontium  | 88-1  | 8319    | 8720    | 8511    | 8517    | 2.35   | cps   |
| Sulfur     | 34-1  | 432402  | 431724  | 430045  | 431390  | 0.28   | cps   |
| Terbium    | 159-1 | 8609096 | 8957185 | 8914900 | 8827060 | 2.15   | cps   |
| Terbium    | 159-2 | 3950084 | 3767252 | 3874790 | 3864042 | 2.38   | cps   |
| Thallium   | 203-1 | 2625    | 2350    | 2359    | 2445    | 6.40   | cps   |
| Thallium   | 205-1 | 6594    | 5793    | 6210    | 6199    | 6.46   | cps   |
| Tin        | 118-1 | 12164   | 12014   | 11997   | 12058   | 0.76   | cps   |



|                        |                      |                   |           |
|------------------------|----------------------|-------------------|-----------|
| LB Number :            | LB123428             | Operator :        | Jaswal    |
| Lab Sample ID :        | N5388-04             | Instrumnet Name : | P8        |
| Client Sample ID :     | MDL-SOIL-QT4-2022-08 | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:06:25  | DataFile Name :   | 032AREF.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 2667     | 2767     | 2592     | 2675     | 3.28   | cps   |
| Uranium   | 238-1 | 7094     | 7094     | 6944     | 7044     | 1.23   | cps   |
| Vanadium  | 51-2  | 3317     | 3390     | 3557     | 3422     | 3.60   | cps   |
| Ytterbium | 172-1 | 75       | 100      | 25       | 67       | 57.28  | cps   |
| Ytterbium | 172-2 | 28       | 22       | 28       | 26       | 12.38  | cps   |
| Ytterbium | 176-1 | 1367     | 1433     | 1158     | 1320     | 10.87  | cps   |
| Ytterbium | 176-2 | 9448     | 9754     | 9793     | 9665     | 1.95   | cps   |
| Yttrium   | 89-1  | 13959619 | 13508378 | 13850082 | 13772693 | 1.71   | cps   |
| Yttrium   | 89-2  | 1584438  | 1537661  | 1606230  | 1576109  | 2.22   | cps   |
| Zinc      | 66-2  | 463      | 570      | 553      | 529      | 10.85  | cps   |
| Zirconium | 90-1  | 5460     | 5209     | 5109     | 5259     | 3.43   | cps   |
| Zirconium | 91-1  | 1208     | 1092     | 1133     | 1145     | 5.17   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149656BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PBW656              | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:09:35 | DataFile Name :   | 033CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 82      | 76      | 74      | 77      | 5.82   | cps   |
| Antimony   | 121-1 | 50      | 33      | 58      | 47      | 26.96  | cps   |
| Arsenic    | 75-2  | 5       | 6       | 3       | 5       | 32.73  | cps   |
| Barium     | 135-1 | 50      | 17      | 17      | 28      | 69.27  | cps   |
| Barium     | 137-1 | 58      | 33      | 42      | 44      | 28.64  | cps   |
| Beryllium  | 9-1   | 59      | 40      | 54      | 51      | 19.09  | cps   |
| Bismuth    | 209-1 | 5465279 | 5658536 | 5457676 | 5527164 | 2.06   | cps   |
| Bismuth    | 209-2 | 2923554 | 2894046 | 2890774 | 2902791 | 0.62   | cps   |
| Boron      | 10-1  | 1646    | 1662    | 1546    | 1618    | 3.89   | cps   |
| Boron      | 11-1  | 7368    | 7044    | 6832    | 7082    | 3.81   | cps   |
| Bromine    | 81-1  | 47731   | 49350   | 49008   | 48696   | 1.75   | cps   |
| Cadmium    | 111-1 | 3185    | 3135    | 3154    | 3158    | 0.79   | cps   |
| Cadmium    | 106-1 | 4568    | 4484    | 4501    | 4518    | 0.98   | cps   |
| Cadmium    | 108-1 | 42      | 29      | 25      | 32      | 27.15  | cps   |
| Calcium    | 43-1  | 171     | 166     | 162     | 167     | 2.63   | cps   |
| Calcium    | 44-1  | 11204   | 10973   | 11337   | 11171   | 1.65   | cps   |
| Carbon     | 12-1  | 5774476 | 5743793 | 5719049 | 5745772 | 0.48   | cps   |
| Carbon     | 12-2  | 67832   | 65848   | 63780   | 65820   | 3.08   | cps   |
| Chlorine   | 35-1  | 200676  | 198878  | 198319  | 199291  | 0.62   | cps   |
| Chlorine   | 35-2  | 1492    | 1458    | 1508    | 1486    | 1.71   | cps   |
| Chromium   | 52-2  | 680     | 630     | 637     | 649     | 4.18   | cps   |
| Cobalt     | 59-2  | 100     | 100     | 57      | 86      | 29.24  | cps   |
| Copper     | 63-2  | 1023    | 1063    | 993     | 1027    | 3.42   | cps   |
| Dysprosium | 156-1 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Dysprosium | 156-2 | 3       | 3       | 0       | 2       | 86.60  | cps   |
| Erbium     | 164-1 | 58      | 67      | 25      | 50      | 44.10  | cps   |
| Erbium     | 164-2 | 17      | 33      | 27      | 26      | 32.81  | cps   |
| Gadolinium | 160-1 | 67      | 50      | 100     | 72      | 35.25  | cps   |
| Gadolinium | 160-2 | 137     | 140     | 130     | 136     | 3.76   | cps   |
| Holmium    | 165-1 | 8537646 | 8518147 | 8517008 | 8524267 | 0.14   | cps   |
| Holmium    | 165-2 | 3978563 | 4019034 | 3974296 | 3990631 | 0.62   | cps   |
| Indium     | 115-1 | 8082165 | 7552845 | 7659822 | 7764944 | 3.60   | cps   |
| Indium     | 115-2 | 1246606 | 1230576 | 1230017 | 1235733 | 0.76   | cps   |
| Iron       | 54-2  | 661     | 761     | 700     | 707     | 7.13   | cps   |
| Iron       | 56-2  | 4579    | 4601    | 4195    | 4458    | 5.12   | cps   |
| Iron       | 57-2  | 289     | 250     | 344     | 294     | 16.12  | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149656BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PBW656              | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:09:35 | DataFile Name :   | 033CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Krypton    | 83-1  | 349     | 316     | 334     | 333     | 4.88   | cps   |
| Lead       | 206-1 | 728     | 806     | 694     | 743     | 7.68   | cps   |
| Lead       | 207-1 | 744     | 494     | 717     | 652     | 21.02  | cps   |
| Lead       | 208-1 | 2961    | 2950    | 2878    | 2930    | 1.54   | cps   |
| Lithium    | 6-1   | 4863294 | 4832745 | 4832234 | 4842758 | 0.37   | cps   |
| Magnesium  | 24-2  | 417     | 408     | 358     | 394     | 8.00   | cps   |
| Manganese  | 55-2  | 43      | 60      | 43      | 49      | 19.69  | cps   |
| Molybdenum | 94-1  | 158     | 175     | 133     | 156     | 13.48  | cps   |
| Molybdenum | 95-1  | 8       | 42      | 33      | 28      | 62.46  | cps   |
| Molybdenum | 96-1  | 233     | 167     | 192     | 197     | 17.08  | cps   |
| Molybdenum | 97-1  | 33      | 25      | 25      | 28      | 17.31  | cps   |
| Molybdenum | 98-1  | 83      | 75      | 75      | 78      | 6.16   | cps   |
| Neodymium  | 150-1 | 7       | 20      | 13      | 13      | 49.99  | cps   |
| Neodymium  | 150-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 33      | 33      | 30      | 32      | 5.97   | cps   |
| Phosphorus | 31-2  | 200     | 175     | 175     | 183     | 7.87   | cps   |
| Potassium  | 39-2  | 24780   | 24989   | 24647   | 24805   | 0.70   | cps   |
| Rhodium    | 103-1 | 7889671 | 7740833 | 7912572 | 7847692 | 1.19   | cps   |
| Rhodium    | 103-2 | 3498776 | 3401513 | 3499108 | 3466466 | 1.62   | cps   |
| Scandium   | 45-1  | 6132383 | 6178613 | 6071949 | 6127648 | 0.87   | cps   |
| Scandium   | 45-2  | 219684  | 219707  | 226291  | 221894  | 1.72   | cps   |
| Selenium   | 82-1  | 24      | 20      | 35      | 26      | 29.76  | cps   |
| Selenium   | 77-2  | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 68      | 79      | 93      | 80      | 15.66  | cps   |
| Silicon    | 28-1  | 794950  | 797027  | 803285  | 798421  | 0.54   | cps   |
| Silver     | 107-1 | 267     | 392     | 392     | 350     | 20.62  | cps   |
| Silver     | 109-1 | 317     | 375     | 292     | 328     | 13.05  | cps   |
| Sodium     | 23-2  | 30624   | 30975   | 30332   | 30644   | 1.05   | cps   |
| Strontium  | 86-1  | 592     | 517     | 567     | 558     | 6.84   | cps   |
| Strontium  | 88-1  | 325     | 183     | 258     | 256     | 27.73  | cps   |
| Sulfur     | 34-1  | 429316  | 429116  | 429562  | 429331  | 0.05   | cps   |
| Terbium    | 159-1 | 9509083 | 8858925 | 8973740 | 9113916 | 3.81   | cps   |
| Terbium    | 159-2 | 3927529 | 3957183 | 3912857 | 3932523 | 0.57   | cps   |
| Thallium   | 203-1 | 325     | 425     | 300     | 350     | 18.90  | cps   |
| Thallium   | 205-1 | 775     | 825     | 575     | 725     | 18.25  | cps   |
| Tin        | 118-1 | 608     | 767     | 442     | 606     | 26.84  | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149656BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PBW656              | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:09:35 | DataFile Name :   | 033CCBE.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 300      | 317      | 250      | 289      | 12.01  | cps   |
| Uranium   | 238-1 | 17       | 17       | 42       | 25       | 57.73  | cps   |
| Vanadium  | 51-2  | 3        | 3        | 17       | 8        | 99.04  | cps   |
| Ytterbium | 172-1 | 50       | 75       | 50       | 58       | 24.74  | cps   |
| Ytterbium | 172-2 | 39       | 22       | 11       | 24       | 58.08  | cps   |
| Ytterbium | 176-1 | 1500     | 1467     | 1425     | 1464     | 2.57   | cps   |
| Ytterbium | 176-2 | 9687     | 9448     | 10221    | 9785     | 4.04   | cps   |
| Yttrium   | 89-1  | 13936971 | 13475846 | 13233368 | 13548728 | 2.64   | cps   |
| Yttrium   | 89-2  | 1652280  | 1611689  | 1619392  | 1627787  | 1.32   | cps   |
| Zinc      | 66-2  | 197      | 160      | 183      | 180      | 10.31  | cps   |
| Zirconium | 90-1  | 483      | 525      | 525      | 511      | 4.71   | cps   |
| Zirconium | 91-1  | 158      | 67       | 125      | 117      | 39.77  | cps   |

LB Number : LB123428 Operator : Jaswal  
 Lab Sample ID : CCV25 Instrumnet Name : P8  
 Client Sample ID : CCV25 Dilution Factor : 1  
 Date & Time Acquired : 2022-12-22 12:12:45 DataFile Name : 034CCV.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 3785434   | 3739291   | 3708614   | 3744447   | 1.03   | cps   |
| Antimony   | 121-1 | 2996317   | 3016444   | 2906695   | 2973152   | 1.97   | cps   |
| Arsenic    | 75-2  | 92858     | 92817     | 92131     | 92602     | 0.44   | cps   |
| Barium     | 135-1 | 3853791   | 3932834   | 3961136   | 3915920   | 1.42   | cps   |
| Barium     | 137-1 | 6944145   | 6788750   | 6782890   | 6838595   | 1.34   | cps   |
| Beryllium  | 9-1   | 1591465   | 1586743   | 1570278   | 1582829   | 0.70   | cps   |
| Bismuth    | 209-1 | 4882420   | 4918655   | 4976429   | 4925835   | 0.96   | cps   |
| Bismuth    | 209-2 | 2488791   | 2520839   | 2568749   | 2526126   | 1.59   | cps   |
| Boron      | 10-1  | 412370    | 424038    | 435287    | 423898    | 2.70   | cps   |
| Boron      | 11-1  | 1658427   | 1759227   | 1795954   | 1737869   | 4.10   | cps   |
| Bromine    | 81-1  | 45743     | 44597     | 45362     | 45234     | 1.29   | cps   |
| Cadmium    | 111-1 | 889811    | 884068    | 882860    | 885580    | 0.42   | cps   |
| Cadmium    | 106-1 | 104219    | 104169    | 101884    | 103424    | 1.29   | cps   |
| Cadmium    | 108-1 | 69512     | 70165     | 69240     | 69639     | 0.68   | cps   |
| Calcium    | 43-1  | 6598351   | 6441464   | 6425333   | 6488383   | 1.47   | cps   |
| Calcium    | 44-1  | 104016851 | 103090289 | 101876128 | 102994423 | 1.04   | cps   |
| Carbon     | 12-1  | 6786087   | 6739185   | 6998082   | 6841118   | 2.02   | cps   |
| Carbon     | 12-2  | 86990     | 86119     | 85842     | 86317     | 0.69   | cps   |
| Chlorine   | 35-1  | 221738    | 219832    | 216703    | 219425    | 1.16   | cps   |
| Chlorine   | 35-2  | 1383      | 1500      | 1442      | 1442      | 4.05   | cps   |
| Chromium   | 52-2  | 1031516   | 1033084   | 1011738   | 1025446   | 1.16   | cps   |
| Cobalt     | 59-2  | 1829037   | 1823561   | 1846818   | 1833139   | 0.66   | cps   |
| Copper     | 63-2  | 14210664  | 14105385  | 14029853  | 14115300  | 0.64   | cps   |
| Dysprosium | 156-1 | 742       | 708       | 792       | 747       | 5.61   | cps   |
| Dysprosium | 156-2 | 340       | 273       | 323       | 312       | 11.11  | cps   |
| Erbium     | 164-1 | 75        | 117       | 108       | 100       | 22.05  | cps   |
| Erbium     | 164-2 | 40        | 37        | 33        | 37        | 9.10   | cps   |
| Gadolinium | 160-1 | 850       | 933       | 892       | 892       | 4.67   | cps   |
| Gadolinium | 160-2 | 473       | 433       | 457       | 454       | 4.42   | cps   |
| Holmium    | 165-1 | 8740591   | 8760886   | 8530899   | 8677459   | 1.47   | cps   |
| Holmium    | 165-2 | 3758307   | 3886944   | 3908888   | 3851380   | 2.11   | cps   |
| Indium     | 115-1 | 7167504   | 7193286   | 7045885   | 7135558   | 1.10   | cps   |
| Indium     | 115-2 | 1106633   | 1101223   | 1115081   | 1107646   | 0.63   | cps   |
| Iron       | 54-2  | 11599600  | 11856971  | 11300722  | 11585764  | 2.40   | cps   |
| Iron       | 56-2  | 209799877 | 212169677 | 211593560 | 211187705 | 0.59   | cps   |
| Iron       | 57-2  | 5553747   | 5356833   | 5330614   | 5413731   | 2.25   | cps   |

|                        |                     |                   |          |
|------------------------|---------------------|-------------------|----------|
| LB Number :            | LB123428            | Operator :        | Jaswal   |
| Lab Sample ID :        | CCV25               | Instrumnet Name : | P8       |
| Client Sample ID :     | CCV25               | Dilution Factor : | 1        |
| Date & Time Acquired : | 2022-12-22 12:12:45 | DataFile Name :   | 034CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Krypton    | 83-1  | 304       | 326       | 344       | 325       | 6.18   | cps   |
| Lead       | 206-1 | 12682863  | 12487486  | 12582492  | 12584280  | 0.78   | cps   |
| Lead       | 207-1 | 11099741  | 11084887  | 11353418  | 11179349  | 1.35   | cps   |
| Lead       | 208-1 | 51117100  | 51471231  | 50897841  | 51162057  | 0.57   | cps   |
| Lithium    | 6-1   | 4577073   | 4591878   | 4580694   | 4583215   | 0.17   | cps   |
| Magnesium  | 24-2  | 49504584  | 49353755  | 49320518  | 49392952  | 0.20   | cps   |
| Manganese  | 55-2  | 5706654   | 5606632   | 5606664   | 5639983   | 1.02   | cps   |
| Molybdenum | 94-1  | 13219191  | 13231680  | 12927840  | 13126237  | 1.31   | cps   |
| Molybdenum | 95-1  | 18986250  | 19011174  | 18727933  | 18908453  | 0.83   | cps   |
| Molybdenum | 96-1  | 20220762  | 20626562  | 19842826  | 20230050  | 1.94   | cps   |
| Molybdenum | 97-1  | 11299512  | 11627902  | 11294470  | 11407295  | 1.67   | cps   |
| Molybdenum | 98-1  | 28966365  | 29812310  | 29102569  | 29293748  | 1.55   | cps   |
| Neodymium  | 150-1 | 380       | 407       | 327       | 371       | 10.98  | cps   |
| Neodymium  | 150-2 | 23        | 27        | 27        | 26        | 7.55   | cps   |
| Nickel     | 60-2  | 481038    | 477781    | 474178    | 477666    | 0.72   | cps   |
| Phosphorus | 31-2  | 44017     | 44268     | 44051     | 44112     | 0.31   | cps   |
| Potassium  | 39-2  | 17369044  | 17066260  | 16997294  | 17144199  | 1.15   | cps   |
| Rhodium    | 103-1 | 6725424   | 6758424   | 6853022   | 6778957   | 0.98   | cps   |
| Rhodium    | 103-2 | 2985366   | 3093253   | 3070167   | 3049595   | 1.86   | cps   |
| Scandium   | 45-1  | 5807198   | 5762287   | 5899350   | 5822945   | 1.20   | cps   |
| Scandium   | 45-2  | 204056    | 205018    | 205608    | 204894    | 0.38   | cps   |
| Selenium   | 82-1  | 77241     | 76794     | 76623     | 76886     | 0.42   | cps   |
| Selenium   | 77-2  | 2404      | 2134      | 2447      | 2328      | 7.29   | cps   |
| Selenium   | 78-2  | 8040      | 8007      | 7875      | 7974      | 1.10   | cps   |
| Silicon    | 28-1  | 29678173  | 29467796  | 29397894  | 29514621  | 0.49   | cps   |
| Silver     | 107-1 | 4518059   | 4620449   | 4592565   | 4577024   | 1.16   | cps   |
| Silver     | 109-1 | 4493037   | 4326511   | 4379700   | 4399749   | 1.93   | cps   |
| Sodium     | 23-2  | 92979673  | 90920892  | 90993290  | 91631285  | 1.28   | cps   |
| Strontium  | 86-1  | 30920313  | 31343788  | 30681629  | 30981910  | 1.08   | cps   |
| Strontium  | 88-1  | 269394756 | 265850856 | 265240148 | 266828587 | 0.84   | cps   |
| Sulfur     | 34-1  | 983027    | 977182    | 951502    | 970570    | 1.73   | cps   |
| Terbium    | 159-1 | 8740266   | 8697202   | 9071039   | 8836169   | 2.31   | cps   |
| Terbium    | 159-2 | 3648691   | 3772525   | 3794223   | 3738480   | 2.10   | cps   |
| Thallium   | 203-1 | 3094614   | 3092150   | 2978518   | 3055094   | 2.17   | cps   |
| Thallium   | 205-1 | 7228470   | 7062188   | 6983732   | 7091463   | 1.76   | cps   |
| Tin        | 118-1 | 2742963   | 2780593   | 2822087   | 2781881   | 1.42   | cps   |

|                        |                     |                   |          |
|------------------------|---------------------|-------------------|----------|
| LB Number :            | LB123428            | Operator :        | Jaswal   |
| Lab Sample ID :        | CCV25               | Instrumnet Name : | P8       |
| Client Sample ID :     | CCV25               | Dilution Factor : | 1        |
| Date & Time Acquired : | 2022-12-22 12:12:45 | DataFile Name :   | 034CCV.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 6206687  | 6091819  | 6039740  | 6112749  | 1.40   | cps   |
| Uranium   | 238-1 | 9905381  | 10044731 | 9984007  | 9978040  | 0.70   | cps   |
| Vanadium  | 51-2  | 840506   | 827225   | 829993   | 832575   | 0.84   | cps   |
| Ytterbium | 172-1 | 425      | 342      | 250      | 339      | 25.83  | cps   |
| Ytterbium | 172-2 | 161      | 111      | 183      | 152      | 24.36  | cps   |
| Ytterbium | 176-1 | 13491    | 13457    | 13507    | 13485    | 0.19   | cps   |
| Ytterbium | 176-2 | 14163    | 14903    | 14675    | 14580    | 2.60   | cps   |
| Yttrium   | 89-1  | 13362904 | 13284797 | 13395420 | 13347707 | 0.43   | cps   |
| Yttrium   | 89-2  | 1491596  | 1459660  | 1501795  | 1484350  | 1.48   | cps   |
| Zinc      | 66-2  | 1690945  | 1660436  | 1658398  | 1669926  | 1.09   | cps   |
| Zirconium | 90-1  | 6726309  | 6471674  | 6394751  | 6530911  | 2.66   | cps   |
| Zirconium | 91-1  | 1492915  | 1477917  | 1472266  | 1481033  | 0.72   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | CCB25               | Instrumnet Name : | P8        |
| Client Sample ID :     | CCB25               | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:18:36 | DataFile Name :   | 035CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 166     | 221     | 205     | 197     | 14.31  | cps   |
| Antimony   | 121-1 | 383     | 633     | 983     | 667     | 45.21  | cps   |
| Arsenic    | 75-2  | 8       | 7       | 4       | 6       | 32.87  | cps   |
| Barium     | 135-1 | 117     | 75      | 42      | 78      | 48.31  | cps   |
| Barium     | 137-1 | 108     | 117     | 117     | 114     | 4.22   | cps   |
| Beryllium  | 9-1   | 122     | 144     | 121     | 129     | 9.79   | cps   |
| Bismuth    | 209-1 | 5446731 | 5435708 | 5480309 | 5454249 | 0.43   | cps   |
| Bismuth    | 209-2 | 2881844 | 2822178 | 2836626 | 2846883 | 1.09   | cps   |
| Boron      | 10-1  | 10576   | 10067   | 9493    | 10045   | 5.39   | cps   |
| Boron      | 11-1  | 46833   | 44665   | 43499   | 44999   | 3.76   | cps   |
| Bromine    | 81-1  | 44668   | 45591   | 44357   | 44872   | 1.43   | cps   |
| Cadmium    | 111-1 | 2666    | 3082    | 2943    | 2897    | 7.31   | cps   |
| Cadmium    | 106-1 | 3742    | 4376    | 4142    | 4087    | 7.84   | cps   |
| Cadmium    | 108-1 | 29      | 21      | 4       | 18      | 70.49  | cps   |
| Calcium    | 43-1  | 276     | 217     | 264     | 252     | 12.26  | cps   |
| Calcium    | 44-1  | 12631   | 12249   | 12637   | 12506   | 1.78   | cps   |
| Carbon     | 12-1  | 6471372 | 6589164 | 6550990 | 6537175 | 0.92   | cps   |
| Carbon     | 12-2  | 78049   | 76575   | 78091   | 77572   | 1.11   | cps   |
| Chlorine   | 35-1  | 211807  | 210632  | 208467  | 210302  | 0.81   | cps   |
| Chlorine   | 35-2  | 1408    | 1592    | 1525    | 1508    | 6.15   | cps   |
| Chromium   | 52-2  | 633     | 703     | 750     | 696     | 8.44   | cps   |
| Cobalt     | 59-2  | 140     | 103     | 100     | 114     | 19.39  | cps   |
| Copper     | 63-2  | 1373    | 1603    | 1313    | 1430    | 10.71  | cps   |
| Dysprosium | 156-1 | 8       | 8       | 8       | 8       | 0.00   | cps   |
| Dysprosium | 156-2 | 0       | 3       | 7       | 3       | 100.05 | cps   |
| Erbium     | 164-1 | 17      | 83      | 67      | 56      | 62.45  | cps   |
| Erbium     | 164-2 | 17      | 20      | 40      | 26      | 49.38  | cps   |
| Gadolinium | 160-1 | 92      | 100     | 75      | 89      | 14.32  | cps   |
| Gadolinium | 160-2 | 103     | 110     | 140     | 118     | 16.58  | cps   |
| Holmium    | 165-1 | 8498269 | 8671532 | 8579972 | 8583257 | 1.01   | cps   |
| Holmium    | 165-2 | 3838567 | 3728310 | 3905840 | 3824239 | 2.34   | cps   |
| Indium     | 115-1 | 7365087 | 7714071 | 7691857 | 7590338 | 2.57   | cps   |
| Indium     | 115-2 | 1170603 | 1164867 | 1176315 | 1170595 | 0.49   | cps   |
| Iron       | 54-2  | 867     | 967     | 1056    | 963     | 9.81   | cps   |
| Iron       | 56-2  | 7875    | 8469    | 8514    | 8286    | 4.31   | cps   |
| Iron       | 57-2  | 350     | 394     | 300     | 348     | 13.57  | cps   |



|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | CCB25               | Instrumnet Name : | P8        |
| Client Sample ID :     | CCB25               | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:18:36 | DataFile Name :   | 035CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Krypton    | 83-1  | 307     | 316     | 301     | 308     | 2.44   | cps   |
| Lead       | 206-1 | 878     | 961     | 906     | 915     | 4.64   | cps   |
| Lead       | 207-1 | 950     | 772     | 900     | 874     | 10.49  | cps   |
| Lead       | 208-1 | 4023    | 3856    | 4128    | 4002    | 3.43   | cps   |
| Lithium    | 6-1   | 4764437 | 4837065 | 4703328 | 4768277 | 1.40   | cps   |
| Magnesium  | 24-2  | 1292    | 1258    | 1183    | 1245    | 4.46   | cps   |
| Manganese  | 55-2  | 143     | 170     | 163     | 159     | 8.73   | cps   |
| Molybdenum | 94-1  | 458     | 442     | 617     | 506     | 19.11  | cps   |
| Molybdenum | 95-1  | 417     | 375     | 367     | 386     | 6.94   | cps   |
| Molybdenum | 96-1  | 575     | 625     | 750     | 650     | 13.87  | cps   |
| Molybdenum | 97-1  | 192     | 308     | 233     | 244     | 24.19  | cps   |
| Molybdenum | 98-1  | 665     | 698     | 806     | 723     | 10.26  | cps   |
| Neodymium  | 150-1 | 13      | 7       | 0       | 7       | 99.98  | cps   |
| Neodymium  | 150-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 53      | 50      | 57      | 53      | 6.25   | cps   |
| Phosphorus | 31-2  | 200     | 192     | 192     | 194     | 2.48   | cps   |
| Potassium  | 39-2  | 24187   | 24054   | 23227   | 23823   | 2.18   | cps   |
| Rhodium    | 103-1 | 7311074 | 7229517 | 7271434 | 7270675 | 0.56   | cps   |
| Rhodium    | 103-2 | 3265971 | 3310218 | 3272499 | 3282896 | 0.73   | cps   |
| Scandium   | 45-1  | 5804574 | 5665293 | 5903827 | 5791232 | 2.07   | cps   |
| Scandium   | 45-2  | 204472  | 204361  | 202920  | 203918  | 0.42   | cps   |
| Selenium   | 82-1  | 39      | 34      | 9       | 27      | 59.34  | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 72      | 76      | 65      | 71      | 7.84   | cps   |
| Silicon    | 28-1  | 787994  | 783223  | 784436  | 785218  | 0.32   | cps   |
| Silver     | 107-1 | 550     | 542     | 492     | 528     | 5.98   | cps   |
| Silver     | 109-1 | 333     | 517     | 458     | 436     | 21.48  | cps   |
| Sodium     | 23-2  | 36020   | 34734   | 35870   | 35541   | 1.98   | cps   |
| Strontium  | 86-1  | 883     | 975     | 950     | 936     | 5.06   | cps   |
| Strontium  | 88-1  | 4392    | 3726    | 3826    | 3981    | 9.03   | cps   |
| Sulfur     | 34-1  | 384044  | 387725  | 384250  | 385340  | 0.54   | cps   |
| Terbium    | 159-1 | 9011346 | 9041174 | 9070857 | 9041126 | 0.33   | cps   |
| Terbium    | 159-2 | 3784004 | 3763839 | 3779916 | 3775920 | 0.28   | cps   |
| Thallium   | 203-1 | 517     | 483     | 508     | 503     | 3.45   | cps   |
| Thallium   | 205-1 | 1033    | 1158    | 1150    | 1114    | 6.27   | cps   |
| Tin        | 118-1 | 6732    | 950     | 917     | 2866    | 116.80 | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | CCB25               | Instrumnet Name : | P8        |
| Client Sample ID :     | CCB25               | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:18:36 | DataFile Name :   | 035CCBE.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 325      | 350      | 392      | 356      | 9.47   | cps   |
| Uranium   | 238-1 | 183      | 150      | 133      | 156      | 16.37  | cps   |
| Vanadium  | 51-2  | 20       | 7        | 17       | 14       | 48.02  | cps   |
| Ytterbium | 172-1 | 67       | 17       | 50       | 44       | 57.28  | cps   |
| Ytterbium | 172-2 | 39       | 28       | 17       | 28       | 39.99  | cps   |
| Ytterbium | 176-1 | 1192     | 1250     | 1283     | 1242     | 3.74   | cps   |
| Ytterbium | 176-2 | 8909     | 9403     | 9387     | 9233     | 3.04   | cps   |
| Yttrium   | 89-1  | 13575055 | 13268170 | 13361951 | 13401725 | 1.17   | cps   |
| Yttrium   | 89-2  | 1542858  | 1528243  | 1517751  | 1529617  | 0.82   | cps   |
| Zinc      | 66-2  | 270      | 240      | 263      | 258      | 6.11   | cps   |
| Zirconium | 90-1  | 700      | 658      | 750      | 703      | 6.53   | cps   |
| Zirconium | 91-1  | 75       | 92       | 208      | 125      | 58.12  | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149656BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | LCS656              | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:21:47 | DataFile Name :   | 036LCSE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 3197    | 3140    | 3110    | 3149    | 1.41   | cps   |
| Antimony   | 121-1 | 23738   | 22870   | 23429   | 23345   | 1.89   | cps   |
| Arsenic    | 75-2  | 453     | 400     | 389     | 414     | 8.26   | cps   |
| Barium     | 135-1 | 29642   | 28397   | 28589   | 28876   | 2.32   | cps   |
| Barium     | 137-1 | 50529   | 51223   | 50001   | 50584   | 1.21   | cps   |
| Beryllium  | 9-1   | 6925    | 6871    | 6741    | 6845    | 1.38   | cps   |
| Bismuth    | 209-1 | 5658986 | 5633011 | 5503372 | 5598456 | 1.49   | cps   |
| Bismuth    | 209-2 | 2852750 | 2871220 | 2970388 | 2898119 | 2.18   | cps   |
| Boron      | 10-1  | 26673   | 27741   | 28596   | 27670   | 3.48   | cps   |
| Boron      | 11-1  | 118570  | 121503  | 124485  | 121519  | 2.43   | cps   |
| Bromine    | 81-1  | 44347   | 45753   | 45200   | 45100   | 1.57   | cps   |
| Cadmium    | 111-1 | 7331    | 7229    | 6538    | 7033    | 6.13   | cps   |
| Cadmium    | 106-1 | 4851    | 5243    | 4551    | 4882    | 7.11   | cps   |
| Cadmium    | 108-1 | 308     | 279     | 313     | 300     | 6.05   | cps   |
| Calcium    | 43-1  | 25680   | 25387   | 25377   | 25481   | 0.68   | cps   |
| Calcium    | 44-1  | 425635  | 421303  | 413150  | 420029  | 1.51   | cps   |
| Carbon     | 12-1  | 6201501 | 6051318 | 6153151 | 6135323 | 1.25   | cps   |
| Carbon     | 12-2  | 71834   | 71608   | 69791   | 71077   | 1.58   | cps   |
| Chlorine   | 35-1  | 177611  | 175308  | 175471  | 176130  | 0.73   | cps   |
| Chlorine   | 35-2  | 1417    | 1192    | 1342    | 1317    | 8.70   | cps   |
| Chromium   | 52-2  | 9370    | 9623    | 9360    | 9451    | 1.58   | cps   |
| Cobalt     | 59-2  | 7832    | 7295    | 7459    | 7529    | 3.66   | cps   |
| Copper     | 63-2  | 12589   | 12616   | 12609   | 12605   | 0.11   | cps   |
| Dysprosium | 156-1 | 8       | 25      | 0       | 11      | 114.58 | cps   |
| Dysprosium | 156-2 | 3       | 7       | 3       | 4       | 43.40  | cps   |
| Erbium     | 164-1 | 33      | 25      | 42      | 33      | 25.01  | cps   |
| Erbium     | 164-2 | 30      | 30      | 7       | 22      | 60.61  | cps   |
| Gadolinium | 160-1 | 83      | 83      | 83      | 83      | 0.00   | cps   |
| Gadolinium | 160-2 | 123     | 127     | 97      | 116     | 14.23  | cps   |
| Holmium    | 165-1 | 8707527 | 8894971 | 8875472 | 8825990 | 1.17   | cps   |
| Holmium    | 165-2 | 3902127 | 3868786 | 3896586 | 3889166 | 0.46   | cps   |
| Indium     | 115-1 | 7813475 | 7894358 | 7795538 | 7834457 | 0.67   | cps   |
| Indium     | 115-2 | 1192040 | 1172407 | 1194487 | 1186311 | 1.02   | cps   |
| Iron       | 54-2  | 39371   | 38653   | 37411   | 38478   | 2.58   | cps   |
| Iron       | 56-2  | 692067  | 685082  | 678362  | 685170  | 1.00   | cps   |
| Iron       | 57-2  | 17956   | 16983   | 17350   | 17429   | 2.82   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149656BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | LCS656              | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:21:47 | DataFile Name :   | 036LCSE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Krypton    | 83-1  | 296     | 296     | 295     | 296     | 0.24   | cps   |
| Lead       | 206-1 | 10627   | 10510   | 9909    | 10349   | 3.72   | cps   |
| Lead       | 207-1 | 9387    | 9604    | 8948    | 9313    | 3.59   | cps   |
| Lead       | 208-1 | 42684   | 42222   | 40565   | 41823   | 2.66   | cps   |
| Lithium    | 6-1   | 4933313 | 4767859 | 4877953 | 4859708 | 1.73   | cps   |
| Magnesium  | 24-2  | 202324  | 198219  | 198817  | 199787  | 1.11   | cps   |
| Manganese  | 55-2  | 2687    | 2500    | 2490    | 2559    | 4.33   | cps   |
| Molybdenum | 94-1  | 15092   | 14441   | 13841   | 14458   | 4.33   | cps   |
| Molybdenum | 95-1  | 9153    | 8470    | 8695    | 8772    | 3.97   | cps   |
| Molybdenum | 96-1  | 11772   | 10955   | 10905   | 11210   | 4.34   | cps   |
| Molybdenum | 97-1  | 5435    | 5093    | 5610    | 5379    | 4.89   | cps   |
| Molybdenum | 98-1  | 13726   | 14510   | 13385   | 13873   | 4.16   | cps   |
| Neodymium  | 150-1 | 27      | 27      | 20      | 24      | 15.75  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 3       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 2167    | 2357    | 2184    | 2236    | 4.71   | cps   |
| Phosphorus | 31-2  | 233     | 233     | 175     | 214     | 15.74  | cps   |
| Potassium  | 39-2  | 157765  | 155432  | 156603  | 156600  | 0.74   | cps   |
| Rhodium    | 103-1 | 7607330 | 7646679 | 7465868 | 7573292 | 1.26   | cps   |
| Rhodium    | 103-2 | 3413992 | 3305142 | 3354588 | 3357907 | 1.62   | cps   |
| Scandium   | 45-1  | 6072567 | 6012975 | 6071556 | 6052366 | 0.56   | cps   |
| Scandium   | 45-2  | 209709  | 205409  | 208284  | 207801  | 1.05   | cps   |
| Selenium   | 82-1  | 1824    | 1799    | 1787    | 1803    | 1.03   | cps   |
| Selenium   | 77-2  | 70      | 63      | 37      | 57      | 31.12  | cps   |
| Selenium   | 78-2  | 257     | 280     | 248     | 262     | 6.31   | cps   |
| Silicon    | 28-1  | 903614  | 871369  | 861485  | 878823  | 2.51   | cps   |
| Silver     | 107-1 | 19639   | 19180   | 18722   | 19180   | 2.39   | cps   |
| Silver     | 109-1 | 19164   | 18104   | 18279   | 18516   | 3.07   | cps   |
| Sodium     | 23-2  | 401581  | 396119  | 397334  | 398345  | 0.72   | cps   |
| Strontium  | 86-1  | 6010    | 5785    | 5468    | 5754    | 4.73   | cps   |
| Strontium  | 88-1  | 46603   | 46253   | 43995   | 45617   | 3.10   | cps   |
| Sulfur     | 34-1  | 389002  | 390556  | 393430  | 390996  | 0.57   | cps   |
| Terbium    | 159-1 | 9033359 | 9500053 | 9015136 | 9182849 | 2.99   | cps   |
| Terbium    | 159-2 | 3824443 | 3889845 | 3898732 | 3871007 | 1.05   | cps   |
| Thallium   | 203-1 | 12281   | 13266   | 11305   | 12284   | 7.98   | cps   |
| Thallium   | 205-1 | 29150   | 28783   | 27589   | 28507   | 2.86   | cps   |
| Tin        | 118-1 | 1308    | 1667    | 1609    | 1528    | 12.59  | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149656BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | LCS656              | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:21:47 | DataFile Name :   | 036LCSE.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 12906    | 12631    | 11939    | 12492    | 3.99   | cps   |
| Uranium   | 238-1 | 36645    | 37607    | 35843    | 36699    | 2.41   | cps   |
| Vanadium  | 51-2  | 16309    | 16680    | 16006    | 16332    | 2.07   | cps   |
| Ytterbium | 172-1 | 33       | 42       | 25       | 33       | 25.01  | cps   |
| Ytterbium | 172-2 | 22       | 33       | 44       | 33       | 33.35  | cps   |
| Ytterbium | 176-1 | 1333     | 1375     | 1417     | 1375     | 3.03   | cps   |
| Ytterbium | 176-2 | 9504     | 9865     | 9665     | 9678     | 1.87   | cps   |
| Yttrium   | 89-1  | 13833717 | 13985095 | 13573837 | 13797550 | 1.51   | cps   |
| Yttrium   | 89-2  | 1577873  | 1465323  | 1502414  | 1515203  | 3.79   | cps   |
| Zinc      | 66-2  | 3917     | 3901     | 3814     | 3877     | 1.43   | cps   |
| Zirconium | 90-1  | 26710    | 25457    | 26042    | 26070    | 2.40   | cps   |
| Zirconium | 91-1  | 6018     | 6102     | 5635     | 5918     | 4.21   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149657BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PBS657              | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:31:04 | DataFile Name :   | 037CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 94      | 89      | 86      | 90      | 4.26   | cps   |
| Antimony   | 121-1 | 83      | 92      | 133     | 103     | 26.06  | cps   |
| Arsenic    | 75-2  | 2       | 4       | 6       | 4       | 50.00  | cps   |
| Barium     | 135-1 | 25      | 33      | 33      | 31      | 15.74  | cps   |
| Barium     | 137-1 | 42      | 67      | 25      | 44      | 47.19  | cps   |
| Beryllium  | 9-1   | 57      | 86      | 65      | 70      | 21.43  | cps   |
| Bismuth    | 209-1 | 5496218 | 5576625 | 5647923 | 5573589 | 1.36   | cps   |
| Bismuth    | 209-2 | 2874452 | 2902246 | 2889906 | 2888868 | 0.48   | cps   |
| Boron      | 10-1  | 3504    | 3432    | 3282    | 3406    | 3.33   | cps   |
| Boron      | 11-1  | 15207   | 14841   | 14937   | 14995   | 1.27   | cps   |
| Bromine    | 81-1  | 46205   | 46124   | 47340   | 46557   | 1.46   | cps   |
| Cadmium    | 111-1 | 2729    | 3069    | 2872    | 2890    | 5.91   | cps   |
| Cadmium    | 106-1 | 3859    | 4367    | 4101    | 4109    | 6.19   | cps   |
| Cadmium    | 108-1 | 8       | 25      | 33      | 22      | 57.29  | cps   |
| Calcium    | 43-1  | 161     | 195     | 144     | 167     | 15.63  | cps   |
| Calcium    | 44-1  | 10793   | 10795   | 10754   | 10781   | 0.21   | cps   |
| Carbon     | 12-1  | 5718585 | 5619908 | 5702032 | 5680175 | 0.93   | cps   |
| Carbon     | 12-2  | 68694   | 67514   | 66066   | 67425   | 1.95   | cps   |
| Chlorine   | 35-1  | 162875  | 162884  | 158467  | 161409  | 1.58   | cps   |
| Chlorine   | 35-2  | 1067    | 1275    | 1325    | 1222    | 11.21  | cps   |
| Chromium   | 52-2  | 760     | 630     | 663     | 684     | 9.87   | cps   |
| Cobalt     | 59-2  | 73      | 107     | 70      | 83      | 24.33  | cps   |
| Copper     | 63-2  | 1017    | 1047    | 1013    | 1026    | 1.79   | cps   |
| Dysprosium | 156-1 | 17      | 0       | 17      | 11      | 86.60  | cps   |
| Dysprosium | 156-2 | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Erbium     | 164-1 | 75      | 67      | 67      | 69      | 6.93   | cps   |
| Erbium     | 164-2 | 17      | 30      | 20      | 22      | 31.22  | cps   |
| Gadolinium | 160-1 | 33      | 83      | 108     | 75      | 50.92  | cps   |
| Gadolinium | 160-2 | 133     | 130     | 120     | 128     | 5.43   | cps   |
| Holmium    | 165-1 | 8820160 | 8666250 | 8507313 | 8664574 | 1.81   | cps   |
| Holmium    | 165-2 | 3940345 | 3899209 | 3892504 | 3910686 | 0.66   | cps   |
| Indium     | 115-1 | 7851028 | 7695637 | 7827250 | 7791305 | 1.07   | cps   |
| Indium     | 115-2 | 1234520 | 1207673 | 1200815 | 1214336 | 1.47   | cps   |
| Iron       | 54-2  | 644     | 683     | 678     | 669     | 3.15   | cps   |
| Iron       | 56-2  | 4634    | 4884    | 4601    | 4706    | 3.29   | cps   |
| Iron       | 57-2  | 350     | 289     | 306     | 315     | 10.03  | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149657BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PBS657              | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:31:04 | DataFile Name :   | 037CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Krypton    | 83-1  | 325     | 320     | 325     | 323     | 0.89   | cps   |
| Lead       | 206-1 | 650     | 656     | 683     | 663     | 2.69   | cps   |
| Lead       | 207-1 | 706     | 767     | 661     | 711     | 7.45   | cps   |
| Lead       | 208-1 | 3078    | 3028    | 3139    | 3082    | 1.81   | cps   |
| Lithium    | 6-1   | 4876315 | 4839036 | 4906749 | 4874034 | 0.70   | cps   |
| Magnesium  | 24-2  | 358     | 525     | 575     | 486     | 23.34  | cps   |
| Manganese  | 55-2  | 70      | 50      | 30      | 50      | 40.00  | cps   |
| Molybdenum | 94-1  | 208     | 217     | 192     | 206     | 6.19   | cps   |
| Molybdenum | 95-1  | 92      | 133     | 92      | 106     | 22.79  | cps   |
| Molybdenum | 96-1  | 300     | 292     | 308     | 300     | 2.78   | cps   |
| Molybdenum | 97-1  | 50      | 58      | 83      | 64      | 27.16  | cps   |
| Molybdenum | 98-1  | 191     | 158     | 166     | 172     | 10.06  | cps   |
| Neodymium  | 150-1 | 13      | 13      | 13      | 13      | 0.00   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 53      | 27      | 40      | 40      | 33.33  | cps   |
| Phosphorus | 31-2  | 225     | 250     | 150     | 208     | 24.98  | cps   |
| Potassium  | 39-2  | 23920   | 25081   | 23987   | 24329   | 2.68   | cps   |
| Rhodium    | 103-1 | 7527947 | 7889551 | 7512252 | 7643250 | 2.79   | cps   |
| Rhodium    | 103-2 | 3424179 | 3449698 | 3423058 | 3432312 | 0.44   | cps   |
| Scandium   | 45-1  | 6108201 | 6043318 | 6070602 | 6074040 | 0.54   | cps   |
| Scandium   | 45-2  | 212968  | 213125  | 214128  | 213407  | 0.29   | cps   |
| Selenium   | 82-1  | 14      | -2      | -1      | 3       | 270.91 | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 67      | 80      | 71      | 73      | 9.16   | cps   |
| Silicon    | 28-1  | 757616  | 767290  | 765428  | 763444  | 0.67   | cps   |
| Silver     | 107-1 | 375     | 400     | 442     | 406     | 8.30   | cps   |
| Silver     | 109-1 | 392     | 292     | 308     | 331     | 16.21  | cps   |
| Sodium     | 23-2  | 31076   | 32036   | 31560   | 31557   | 1.52   | cps   |
| Strontium  | 86-1  | 683     | 542     | 675     | 633     | 12.55  | cps   |
| Strontium  | 88-1  | 808     | 625     | 650     | 694     | 14.32  | cps   |
| Sulfur     | 34-1  | 403778  | 405558  | 408404  | 405913  | 0.57   | cps   |
| Terbium    | 159-1 | 9004311 | 9120413 | 8937656 | 9020793 | 1.03   | cps   |
| Terbium    | 159-2 | 3941489 | 3843950 | 3740317 | 3841919 | 2.62   | cps   |
| Thallium   | 203-1 | 267     | 292     | 400     | 319     | 22.19  | cps   |
| Thallium   | 205-1 | 683     | 867     | 808     | 786     | 11.92  | cps   |
| Tin        | 118-1 | 608     | 508     | 492     | 536     | 11.77  | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149657BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PBS657              | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:31:04 | DataFile Name :   | 037CCBE.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 250      | 200      | 225      | 225      | 11.11  | cps   |
| Uranium   | 238-1 | 50       | 42       | 25       | 39       | 32.73  | cps   |
| Vanadium  | 51-2  | 17       | 13       | 7        | 12       | 41.65  | cps   |
| Ytterbium | 172-1 | 50       | 100      | 58       | 69       | 38.58  | cps   |
| Ytterbium | 172-2 | 28       | 11       | 28       | 22       | 43.31  | cps   |
| Ytterbium | 176-1 | 1083     | 1317     | 1258     | 1220     | 9.96   | cps   |
| Ytterbium | 176-2 | 9526     | 9960     | 10187    | 9891     | 3.40   | cps   |
| Yttrium   | 89-1  | 13654066 | 13778422 | 13967579 | 13800022 | 1.14   | cps   |
| Yttrium   | 89-2  | 1573593  | 1545579  | 1593394  | 1570855  | 1.53   | cps   |
| Zinc      | 66-2  | 193      | 167      | 203      | 188      | 10.09  | cps   |
| Zirconium | 90-1  | 467      | 533      | 625      | 542      | 14.68  | cps   |
| Zirconium | 91-1  | 133      | 58       | 125      | 106      | 38.95  | cps   |



|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149657BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | LCS657              | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:34:13 | DataFile Name :   | 038LCSE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 3401    | 3800    | 3689    | 3630    | 5.67   | cps   |
| Antimony   | 121-1 | 23504   | 23846   | 23087   | 23479   | 1.62   | cps   |
| Arsenic    | 75-2  | 448     | 437     | 499     | 461     | 7.17   | cps   |
| Barium     | 135-1 | 28773   | 29583   | 28773   | 29043   | 1.61   | cps   |
| Barium     | 137-1 | 51524   | 51758   | 49960   | 51081   | 1.91   | cps   |
| Beryllium  | 9-1   | 6850    | 6796    | 6682    | 6776    | 1.26   | cps   |
| Bismuth    | 209-1 | 5616007 | 5466725 | 5526473 | 5536402 | 1.36   | cps   |
| Bismuth    | 209-2 | 2988444 | 2822277 | 2920459 | 2910393 | 2.87   | cps   |
| Boron      | 10-1  | 22288   | 23821   | 24441   | 23517   | 4.71   | cps   |
| Boron      | 11-1  | 100483  | 106539  | 107434  | 104819  | 3.61   | cps   |
| Bromine    | 81-1  | 49148   | 46957   | 48083   | 48062   | 2.28   | cps   |
| Cadmium    | 111-1 | 7177    | 6946    | 7083    | 7069    | 1.64   | cps   |
| Cadmium    | 106-1 | 4809    | 4226    | 4593    | 4543    | 6.49   | cps   |
| Cadmium    | 108-1 | 254     | 292     | 363     | 303     | 18.17  | cps   |
| Calcium    | 43-1  | 26078   | 25473   | 25558   | 25703   | 1.27   | cps   |
| Calcium    | 44-1  | 427841  | 424753  | 418501  | 423698  | 1.12   | cps   |
| Carbon     | 12-1  | 6124485 | 6167516 | 6101197 | 6131066 | 0.55   | cps   |
| Carbon     | 12-2  | 71156   | 71742   | 71734   | 71544   | 0.47   | cps   |
| Chlorine   | 35-1  | 165404  | 159892  | 161863  | 162386  | 1.72   | cps   |
| Chlorine   | 35-2  | 1242    | 1175    | 1075    | 1164    | 7.21   | cps   |
| Chromium   | 52-2  | 10190   | 10137   | 9750    | 10026   | 2.40   | cps   |
| Cobalt     | 59-2  | 7962    | 8162    | 8199    | 8108    | 1.57   | cps   |
| Copper     | 63-2  | 13617   | 14618   | 14665   | 14300   | 4.14   | cps   |
| Dysprosium | 156-1 | 8       | 0       | 8       | 6       | 86.60  | cps   |
| Dysprosium | 156-2 | 7       | 3       | 0       | 3       | 100.05 | cps   |
| Erbium     | 164-1 | 75      | 50      | 58      | 61      | 20.83  | cps   |
| Erbium     | 164-2 | 27      | 20      | 13      | 20      | 33.35  | cps   |
| Gadolinium | 160-1 | 83      | 67      | 50      | 67      | 25.00  | cps   |
| Gadolinium | 160-2 | 133     | 107     | 160     | 133     | 20.00  | cps   |
| Holmium    | 165-1 | 8667969 | 8808149 | 8348267 | 8608128 | 2.74   | cps   |
| Holmium    | 165-2 | 3977325 | 3987226 | 3874993 | 3946515 | 1.57   | cps   |
| Indium     | 115-1 | 7784952 | 7660923 | 7437937 | 7627937 | 2.31   | cps   |
| Indium     | 115-2 | 1242984 | 1221416 | 1227918 | 1230773 | 0.90   | cps   |
| Iron       | 54-2  | 40073   | 41026   | 40552   | 40551   | 1.17   | cps   |
| Iron       | 56-2  | 721133  | 745093  | 727524  | 731250  | 1.70   | cps   |
| Iron       | 57-2  | 17784   | 19313   | 17556   | 18218   | 5.25   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149657BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | LCS657              | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:34:13 | DataFile Name :   | 038LCSE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Krypton    | 83-1  | 331     | 331     | 337     | 333     | 1.08   | cps   |
| Lead       | 206-1 | 10677   | 10343   | 10199   | 10406   | 2.36   | cps   |
| Lead       | 207-1 | 9048    | 8920    | 8759    | 8909    | 1.63   | cps   |
| Lead       | 208-1 | 42350   | 40982   | 40264   | 41199   | 2.57   | cps   |
| Lithium    | 6-1   | 4901762 | 4691851 | 4829354 | 4807656 | 2.22   | cps   |
| Magnesium  | 24-2  | 210657  | 209696  | 212191  | 210848  | 0.60   | cps   |
| Manganese  | 55-2  | 2810    | 2994    | 3194    | 2999    | 6.39   | cps   |
| Molybdenum | 94-1  | 14316   | 15175   | 15100   | 14864   | 3.20   | cps   |
| Molybdenum | 95-1  | 8770    | 9387    | 8419    | 8859    | 5.53   | cps   |
| Molybdenum | 96-1  | 11080   | 10938   | 10338   | 10785   | 3.65   | cps   |
| Molybdenum | 97-1  | 5335    | 5168    | 5676    | 5393    | 4.81   | cps   |
| Molybdenum | 98-1  | 13960   | 13534   | 13368   | 13620   | 2.24   | cps   |
| Neodymium  | 150-1 | 13      | 0       | 20      | 11      | 91.66  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 2440    | 2467    | 2260    | 2389    | 4.71   | cps   |
| Phosphorus | 31-2  | 200     | 167     | 292     | 219     | 29.50  | cps   |
| Potassium  | 39-2  | 166732  | 166437  | 165839  | 166336  | 0.27   | cps   |
| Rhodium    | 103-1 | 7638754 | 7737273 | 7660731 | 7678919 | 0.67   | cps   |
| Rhodium    | 103-2 | 3503396 | 3459955 | 3442014 | 3468455 | 0.91   | cps   |
| Scandium   | 45-1  | 6040526 | 5963250 | 6037227 | 6013668 | 0.73   | cps   |
| Scandium   | 45-2  | 218390  | 219099  | 213471  | 216987  | 1.41   | cps   |
| Selenium   | 82-1  | 1887    | 1794    | 1846    | 1842    | 2.55   | cps   |
| Selenium   | 77-2  | 50      | 50      | 37      | 46      | 16.89  | cps   |
| Selenium   | 78-2  | 293     | 267     | 268     | 276     | 5.34   | cps   |
| Silicon    | 28-1  | 904973  | 872792  | 868200  | 881988  | 2.27   | cps   |
| Silver     | 107-1 | 18830   | 19564   | 18772   | 19055   | 2.32   | cps   |
| Silver     | 109-1 | 19456   | 18388   | 18813   | 18886   | 2.85   | cps   |
| Sodium     | 23-2  | 412007  | 415693  | 413286  | 413662  | 0.45   | cps   |
| Strontium  | 86-1  | 5960    | 6185    | 5351    | 5832    | 7.40   | cps   |
| Strontium  | 88-1  | 45876   | 45542   | 45216   | 45545   | 0.73   | cps   |
| Sulfur     | 34-1  | 409903  | 404138  | 408994  | 407678  | 0.76   | cps   |
| Terbium    | 159-1 | 9519672 | 8865888 | 9189933 | 9191831 | 3.56   | cps   |
| Terbium    | 159-2 | 3874827 | 3946106 | 3910138 | 3910357 | 0.91   | cps   |
| Thallium   | 203-1 | 11589   | 11289   | 11322   | 11400   | 1.44   | cps   |
| Thallium   | 205-1 | 28524   | 28340   | 27655   | 28173   | 1.62   | cps   |
| Tin        | 118-1 | 1392    | 1417    | 1192    | 1333    | 9.25   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149657BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | LCS657              | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:34:13 | DataFile Name :   | 038LCSE.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 12431    | 12698    | 12422    | 12517    | 1.25   | cps   |
| Uranium   | 238-1 | 36612    | 36169    | 36236    | 36339    | 0.66   | cps   |
| Vanadium  | 51-2  | 17324    | 17167    | 16830    | 17107    | 1.48   | cps   |
| Ytterbium | 172-1 | 33       | 83       | 58       | 58       | 42.87  | cps   |
| Ytterbium | 172-2 | 39       | 28       | 11       | 26       | 53.93  | cps   |
| Ytterbium | 176-1 | 1408     | 1408     | 1300     | 1372     | 4.56   | cps   |
| Ytterbium | 176-2 | 9526     | 9731     | 10421    | 9893     | 4.74   | cps   |
| Yttrium   | 89-1  | 13975951 | 13976559 | 13449596 | 13800702 | 2.20   | cps   |
| Yttrium   | 89-2  | 1580310  | 1609796  | 1562835  | 1584314  | 1.50   | cps   |
| Zinc      | 66-2  | 4197     | 4277     | 4074     | 4183     | 2.45   | cps   |
| Zirconium | 90-1  | 26125    | 25774    | 25716    | 25872    | 0.86   | cps   |
| Zirconium | 91-1  | 5826     | 5951     | 6318     | 6032     | 4.24   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149507BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB149507BL          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:37:24 | DataFile Name :   | 039CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 177     | 164     | 146     | 162     | 9.64   | cps   |
| Antimony   | 121-1 | 117     | 75      | 100     | 97      | 21.57  | cps   |
| Arsenic    | 75-2  | 3       | 4       | 7       | 5       | 44.61  | cps   |
| Barium     | 135-1 | 25      | 8       | 0       | 11      | 114.58 | cps   |
| Barium     | 137-1 | 58      | 50      | 17      | 42      | 52.91  | cps   |
| Beryllium  | 9-1   | 77      | 77      | 65      | 73      | 9.84   | cps   |
| Bismuth    | 209-1 | 5609870 | 5382195 | 5523913 | 5505326 | 2.09   | cps   |
| Bismuth    | 209-2 | 2949632 | 3202706 | 2620885 | 2924408 | 9.98   | cps   |
| Boron      | 10-1  | 3998    | 4002    | 3602    | 3867    | 5.94   | cps   |
| Boron      | 11-1  | 17523   | 17047   | 16020   | 16863   | 4.56   | cps   |
| Bromine    | 81-1  | 50364   | 47630   | 48484   | 48826   | 2.86   | cps   |
| Cadmium    | 111-1 | 3151    | 3220    | 3040    | 3137    | 2.90   | cps   |
| Cadmium    | 106-1 | 4484    | 4609    | 4326    | 4473    | 3.18   | cps   |
| Cadmium    | 108-1 | 25      | 21      | 25      | 24      | 10.20  | cps   |
| Calcium    | 43-1  | 201     | 191     | 199     | 197     | 2.64   | cps   |
| Calcium    | 44-1  | 11152   | 11113   | 11150   | 11138   | 0.20   | cps   |
| Carbon     | 12-1  | 5501977 | 5583190 | 5563082 | 5549416 | 0.76   | cps   |
| Carbon     | 12-2  | 64793   | 63847   | 65237   | 64626   | 1.10   | cps   |
| Chlorine   | 35-1  | 156194  | 155934  | 153213  | 155114  | 1.06   | cps   |
| Chlorine   | 35-2  | 1283    | 1050    | 1150    | 1161    | 10.08  | cps   |
| Chromium   | 52-2  | 770     | 643     | 667     | 693     | 9.72   | cps   |
| Cobalt     | 59-2  | 100     | 117     | 80      | 99      | 18.57  | cps   |
| Copper     | 63-2  | 1190    | 1157    | 960     | 1102    | 11.28  | cps   |
| Dysprosium | 156-1 | 8       | 0       | 8       | 6       | 86.60  | cps   |
| Dysprosium | 156-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Erbium     | 164-1 | 58      | 75      | 33      | 56      | 37.75  | cps   |
| Erbium     | 164-2 | 30      | 27      | 37      | 31      | 16.37  | cps   |
| Gadolinium | 160-1 | 92      | 92      | 58      | 81      | 23.89  | cps   |
| Gadolinium | 160-2 | 107     | 193     | 117     | 139     | 34.14  | cps   |
| Holmium    | 165-1 | 8841377 | 8716064 | 8766692 | 8774711 | 0.72   | cps   |
| Holmium    | 165-2 | 4094657 | 4236131 | 3505930 | 3945573 | 9.81   | cps   |
| Indium     | 115-1 | 7770890 | 7838941 | 7624305 | 7744712 | 1.42   | cps   |
| Indium     | 115-2 | 1257778 | 1354676 | 1104393 | 1238949 | 10.19  | cps   |
| Iron       | 54-2  | 922     | 628     | 772     | 774     | 19.02  | cps   |
| Iron       | 56-2  | 6719    | 4845    | 4801    | 5455    | 20.07  | cps   |
| Iron       | 57-2  | 361     | 328     | 278     | 322     | 13.02  | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149507BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB149507BL          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:37:24 | DataFile Name :   | 039CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Krypton    | 83-1  | 336     | 299     | 349     | 328     | 7.93   | cps   |
| Lead       | 206-1 | 778     | 822     | 767     | 789     | 3.73   | cps   |
| Lead       | 207-1 | 600     | 711     | 661     | 657     | 8.46   | cps   |
| Lead       | 208-1 | 3150    | 3434    | 2995    | 3193    | 6.97   | cps   |
| Lithium    | 6-1   | 4778001 | 4858223 | 4878850 | 4838358 | 1.10   | cps   |
| Magnesium  | 24-2  | 1050    | 608     | 308     | 656     | 56.91  | cps   |
| Manganese  | 55-2  | 130     | 53      | 67      | 83      | 49.15  | cps   |
| Molybdenum | 94-1  | 217     | 225     | 242     | 228     | 5.59   | cps   |
| Molybdenum | 95-1  | 75      | 100     | 58      | 78      | 26.97  | cps   |
| Molybdenum | 96-1  | 250     | 258     | 158     | 222     | 24.97  | cps   |
| Molybdenum | 97-1  | 50      | 33      | 33      | 39      | 24.75  | cps   |
| Molybdenum | 98-1  | 150     | 133     | 133     | 139     | 6.91   | cps   |
| Neodymium  | 150-1 | 13      | 7       | 7       | 9       | 43.25  | cps   |
| Neodymium  | 150-2 | 3       | 7       | 0       | 3       | 100.05 | cps   |
| Nickel     | 60-2  | 57      | 50      | 33      | 47      | 25.76  | cps   |
| Phosphorus | 31-2  | 142     | 150     | 200     | 164     | 19.25  | cps   |
| Potassium  | 39-2  | 24547   | 23812   | 24697   | 24352   | 1.94   | cps   |
| Rhodium    | 103-1 | 7896979 | 7680756 | 7739960 | 7772565 | 1.44   | cps   |
| Rhodium    | 103-2 | 3456121 | 3857793 | 3124548 | 3479488 | 10.55  | cps   |
| Scandium   | 45-1  | 6072609 | 6239818 | 5968499 | 6093642 | 2.25   | cps   |
| Scandium   | 45-2  | 220713  | 236941  | 197667  | 218440  | 9.03   | cps   |
| Selenium   | 82-1  | 44      | 44      | -13     | 25      | 129.91 | cps   |
| Selenium   | 77-2  | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 80      | 71      | 76      | 76      | 5.96   | cps   |
| Silicon    | 28-1  | 760092  | 763503  | 757807  | 760467  | 0.38   | cps   |
| Silver     | 107-1 | 342     | 367     | 408     | 372     | 9.05   | cps   |
| Silver     | 109-1 | 367     | 383     | 350     | 367     | 4.55   | cps   |
| Sodium     | 23-2  | 32178   | 31276   | 31585   | 31679   | 1.45   | cps   |
| Strontium  | 86-1  | 492     | 592     | 450     | 511     | 14.25  | cps   |
| Strontium  | 88-1  | 783     | 617     | 558     | 653     | 17.89  | cps   |
| Sulfur     | 34-1  | 410458  | 413718  | 416639  | 413605  | 0.75   | cps   |
| Terbium    | 159-1 | 9124674 | 9282499 | 9067140 | 9158105 | 1.22   | cps   |
| Terbium    | 159-2 | 3994957 | 4338231 | 3529564 | 3954251 | 10.26  | cps   |
| Thallium   | 203-1 | 292     | 408     | 275     | 325     | 22.35  | cps   |
| Thallium   | 205-1 | 725     | 608     | 633     | 656     | 9.37   | cps   |
| Tin        | 118-1 | 583     | 542     | 608     | 578     | 5.83   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149507BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB149507BL          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:37:24 | DataFile Name :   | 039CCBE.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 233      | 267      | 425      | 308      | 33.21  | cps   |
| Uranium   | 238-1 | 25       | 25       | 25       | 25       | 0.00   | cps   |
| Vanadium  | 51-2  | 17       | 27       | 17       | 20       | 28.86  | cps   |
| Ytterbium | 172-1 | 33       | 42       | 92       | 56       | 56.79  | cps   |
| Ytterbium | 172-2 | 44       | 39       | 11       | 31       | 56.73  | cps   |
| Ytterbium | 176-1 | 1308     | 1517     | 1058     | 1295     | 17.73  | cps   |
| Ytterbium | 176-2 | 10276    | 11238    | 9025     | 10180    | 10.90  | cps   |
| Yttrium   | 89-1  | 14075274 | 13721894 | 13666894 | 13821354 | 1.60   | cps   |
| Yttrium   | 89-2  | 1596366  | 1783056  | 1428853  | 1602758  | 11.06  | cps   |
| Zinc      | 66-2  | 253      | 193      | 233      | 227      | 13.48  | cps   |
| Zirconium | 90-1  | 492      | 567      | 475      | 511      | 9.55   | cps   |
| Zirconium | 91-1  | 108      | 100      | 117      | 108      | 7.69   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149507BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB149507BS          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:40:33 | DataFile Name :   | 040LCS6.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 767151   | 754879   | 746648   | 756226   | 1.36   | cps   |
| Antimony   | 121-1 | 3124565  | 3037847  | 3048051  | 3070154  | 1.54   | cps   |
| Arsenic    | 75-2  | 103935   | 102215   | 100922   | 102357   | 1.48   | cps   |
| Barium     | 135-1 | 3961700  | 3796465  | 3892562  | 3883576  | 2.14   | cps   |
| Barium     | 137-1 | 6844029  | 6595464  | 6675479  | 6704991  | 1.89   | cps   |
| Beryllium  | 9-1   | 1600319  | 1607271  | 1584144  | 1597245  | 0.74   | cps   |
| Bismuth    | 209-1 | 5322799  | 5377934  | 5474015  | 5391583  | 1.42   | cps   |
| Bismuth    | 209-2 | 2814333  | 2862113  | 2795140  | 2823862  | 1.22   | cps   |
| Boron      | 10-1  | 387759   | 408674   | 417762   | 404731   | 3.80   | cps   |
| Boron      | 11-1  | 1643777  | 1732173  | 1691076  | 1689009  | 2.62   | cps   |
| Bromine    | 81-1  | 46254    | 44185    | 43935    | 44792    | 2.84   | cps   |
| Cadmium    | 111-1 | 951592   | 944346   | 922638   | 939525   | 1.60   | cps   |
| Cadmium    | 106-1 | 110392   | 106436   | 108140   | 108322   | 1.83   | cps   |
| Cadmium    | 108-1 | 73977    | 72276    | 72996    | 73083    | 1.17   | cps   |
| Calcium    | 43-1  | 1519060  | 1495473  | 1508646  | 1507726  | 0.78   | cps   |
| Calcium    | 44-1  | 22125934 | 22173713 | 22162967 | 22154205 | 0.11   | cps   |
| Carbon     | 12-1  | 6991722  | 6894411  | 6961096  | 6949076  | 0.72   | cps   |
| Carbon     | 12-2  | 83420    | 82507    | 81836    | 82588    | 0.96   | cps   |
| Chlorine   | 35-1  | 182396   | 183361   | 178491   | 181416   | 1.42   | cps   |
| Chlorine   | 35-2  | 1192     | 1083     | 1183     | 1153     | 5.23   | cps   |
| Chromium   | 52-2  | 1084700  | 1062142  | 1068108  | 1071650  | 1.09   | cps   |
| Cobalt     | 59-2  | 1978157  | 1965140  | 1964104  | 1969134  | 0.40   | cps   |
| Copper     | 63-2  | 14820771 | 14429456 | 14893489 | 14714572 | 1.70   | cps   |
| Dysprosium | 156-1 | 242      | 258      | 192      | 231      | 15.05  | cps   |
| Dysprosium | 156-2 | 107      | 113      | 130      | 117      | 10.30  | cps   |
| Erbium     | 164-1 | 67       | 83       | 108      | 86       | 24.35  | cps   |
| Erbium     | 164-2 | 27       | 40       | 53       | 40       | 33.33  | cps   |
| Gadolinium | 160-1 | 267      | 167      | 292      | 242      | 27.37  | cps   |
| Gadolinium | 160-2 | 173      | 223      | 233      | 210      | 15.31  | cps   |
| Holmium    | 165-1 | 8694667  | 8871077  | 8869883  | 8811875  | 1.15   | cps   |
| Holmium    | 165-2 | 3866255  | 3992989  | 4012495  | 3957247  | 2.01   | cps   |
| Indium     | 115-1 | 7481062  | 7612198  | 7599800  | 7564353  | 0.96   | cps   |
| Indium     | 115-2 | 1181764  | 1179514  | 1177480  | 1179586  | 0.18   | cps   |
| Iron       | 54-2  | 2627682  | 2522913  | 2521248  | 2557281  | 2.38   | cps   |
| Iron       | 56-2  | 47146907 | 45264601 | 44317855 | 45576454 | 3.16   | cps   |
| Iron       | 57-2  | 1127655  | 1078083  | 1075929  | 1093889  | 2.68   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149507BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB149507BS          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:40:33 | DataFile Name :   | 040LCS6.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Krypton    | 83-1  | 364       | 334       | 317       | 338       | 6.93   | cps   |
| Lead       | 206-1 | 12829673  | 12747127  | 12482439  | 12686413  | 1.43   | cps   |
| Lead       | 207-1 | 11250285  | 11416213  | 11071644  | 11246048  | 1.53   | cps   |
| Lead       | 208-1 | 51708921  | 51633912  | 51260311  | 51534381  | 0.47   | cps   |
| Lithium    | 6-1   | 4557114   | 4768704   | 4658152   | 4661323   | 2.27   | cps   |
| Magnesium  | 24-2  | 10938520  | 10291938  | 10373145  | 10534535  | 3.34   | cps   |
| Manganese  | 55-2  | 6159573   | 5799535   | 5863109   | 5940739   | 3.23   | cps   |
| Molybdenum | 94-1  | 13011554  | 13059775  | 12829247  | 12966859  | 0.94   | cps   |
| Molybdenum | 95-1  | 18499033  | 18688817  | 18042411  | 18410087  | 1.80   | cps   |
| Molybdenum | 96-1  | 20109288  | 20008798  | 19978471  | 20032186  | 0.34   | cps   |
| Molybdenum | 97-1  | 11288996  | 11336854  | 11119367  | 11248406  | 1.02   | cps   |
| Molybdenum | 98-1  | 29515247  | 28515199  | 29259862  | 29096769  | 1.79   | cps   |
| Neodymium  | 150-1 | 340       | 327       | 333       | 333       | 2.00   | cps   |
| Neodymium  | 150-2 | 37        | 27        | 27        | 30        | 19.24  | cps   |
| Nickel     | 60-2  | 511369    | 507350    | 495069    | 504596    | 1.68   | cps   |
| Phosphorus | 31-2  | 47671     | 47721     | 46525     | 47306     | 1.43   | cps   |
| Potassium  | 39-2  | 3741111   | 3724195   | 3702640   | 3722649   | 0.52   | cps   |
| Rhodium    | 103-1 | 7176749   | 7557232   | 7480263   | 7404748   | 2.72   | cps   |
| Rhodium    | 103-2 | 3297896   | 3433438   | 3354623   | 3361985   | 2.02   | cps   |
| Scandium   | 45-1  | 5772421   | 6036862   | 6023866   | 5944383   | 2.51   | cps   |
| Scandium   | 45-2  | 211402    | 212535    | 212801    | 212246    | 0.35   | cps   |
| Selenium   | 82-1  | 84446     | 83383     | 82884     | 83571     | 0.95   | cps   |
| Selenium   | 77-2  | 2544      | 2734      | 2547      | 2608      | 4.17   | cps   |
| Selenium   | 78-2  | 8707      | 8682      | 8843      | 8744      | 0.99   | cps   |
| Silicon    | 28-1  | 29006125  | 28882279  | 29199284  | 29029229  | 0.55   | cps   |
| Silver     | 107-1 | 4979173   | 4613284   | 4751010   | 4781156   | 3.87   | cps   |
| Silver     | 109-1 | 4705829   | 4638025   | 4681494   | 4675116   | 0.73   | cps   |
| Sodium     | 23-2  | 19749520  | 18920267  | 19301104  | 19323630  | 2.15   | cps   |
| Strontium  | 86-1  | 30580025  | 30644730  | 30472205  | 30565653  | 0.29   | cps   |
| Strontium  | 88-1  | 266968656 | 265857348 | 260786373 | 264537459 | 1.25   | cps   |
| Sulfur     | 34-1  | 992217    | 981317    | 984067    | 985867    | 0.57   | cps   |
| Terbium    | 159-1 | 8963513   | 9269100   | 9351203   | 9194605   | 2.22   | cps   |
| Terbium    | 159-2 | 3897492   | 3989610   | 3883495   | 3923532   | 1.47   | cps   |
| Thallium   | 203-1 | 3020753   | 3021272   | 2968894   | 3003639   | 1.00   | cps   |
| Thallium   | 205-1 | 7294588   | 7073990   | 7174461   | 7181013   | 1.54   | cps   |
| Tin        | 118-1 | 2810429   | 2691996   | 2745043   | 2749156   | 2.16   | cps   |



|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149507BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB149507BS          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:40:33 | DataFile Name :   | 040LCS6.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 6084120  | 6151350  | 5852486  | 6029318  | 2.60   | cps   |
| Uranium   | 238-1 | 9764105  | 9668886  | 9616638  | 9683210  | 0.77   | cps   |
| Vanadium  | 51-2  | 862657   | 853514   | 850886   | 855686   | 0.72   | cps   |
| Ytterbium | 172-1 | 142      | 158      | 142      | 147      | 6.54   | cps   |
| Ytterbium | 172-2 | 83       | 67       | 78       | 76       | 11.18  | cps   |
| Ytterbium | 176-1 | 13207    | 13157    | 13232    | 13199    | 0.29   | cps   |
| Ytterbium | 176-2 | 14892    | 14786    | 15126    | 14935    | 1.16   | cps   |
| Yttrium   | 89-1  | 13469383 | 14110421 | 14148726 | 13909510 | 2.74   | cps   |
| Yttrium   | 89-2  | 1579992  | 1596612  | 1567823  | 1581476  | 0.91   | cps   |
| Zinc      | 66-2  | 1887032  | 1810554  | 1839251  | 1845612  | 2.09   | cps   |
| Zirconium | 90-1  | 6386722  | 6522116  | 6401023  | 6436620  | 1.16   | cps   |
| Zirconium | 91-1  | 1476252  | 1476657  | 1504728  | 1485879  | 1.10   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149767BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB149767BL          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:56:24 | DataFile Name :   | 041CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 120     | 141     | 130     | 130     | 8.15   | cps   |
| Antimony   | 121-1 | 158     | 225     | 275     | 219     | 26.67  | cps   |
| Arsenic    | 75-2  | 3       | 4       | 2       | 3       | 33.33  | cps   |
| Barium     | 135-1 | 42      | 67      | 42      | 50      | 28.87  | cps   |
| Barium     | 137-1 | 83      | 50      | 42      | 58      | 37.80  | cps   |
| Beryllium  | 9-1   | 84      | 101     | 74      | 86      | 16.14  | cps   |
| Bismuth    | 209-1 | 5369882 | 5623121 | 5662386 | 5551796 | 2.86   | cps   |
| Bismuth    | 209-2 | 3163421 | 2878493 | 2895820 | 2979245 | 5.36   | cps   |
| Boron      | 10-1  | 4192    | 4330    | 4206    | 4242    | 1.79   | cps   |
| Boron      | 11-1  | 19521   | 19305   | 18526   | 19117   | 2.74   | cps   |
| Bromine    | 81-1  | 47410   | 47390   | 45812   | 46871   | 1.96   | cps   |
| Cadmium    | 111-1 | 2926    | 3015    | 2739    | 2893    | 4.87   | cps   |
| Cadmium    | 106-1 | 4192    | 4292    | 3926    | 4137    | 4.58   | cps   |
| Cadmium    | 108-1 | 25      | 21      | 25      | 24      | 10.20  | cps   |
| Calcium    | 43-1  | 179     | 150     | 134     | 154     | 14.78  | cps   |
| Calcium    | 44-1  | 11586   | 11576   | 11467   | 11543   | 0.57   | cps   |
| Carbon     | 12-1  | 5810706 | 5906796 | 5834027 | 5850509 | 0.86   | cps   |
| Carbon     | 12-2  | 68477   | 68820   | 68276   | 68524   | 0.40   | cps   |
| Chlorine   | 35-1  | 141572  | 142152  | 142075  | 141933  | 0.22   | cps   |
| Chlorine   | 35-2  | 1083    | 975     | 992     | 1017    | 5.74   | cps   |
| Chromium   | 52-2  | 787     | 760     | 620     | 722     | 12.40  | cps   |
| Cobalt     | 59-2  | 110     | 60      | 110     | 93      | 30.93  | cps   |
| Copper     | 63-2  | 1020    | 970     | 997     | 996     | 2.51   | cps   |
| Dysprosium | 156-1 | 0       | 8       | 17      | 8       | 100.02 | cps   |
| Dysprosium | 156-2 | 0       | 7       | 0       | 2       | 173.21 | cps   |
| Erbium     | 164-1 | 92      | 58      | 67      | 72      | 24.02  | cps   |
| Erbium     | 164-2 | 23      | 30      | 27      | 27      | 12.51  | cps   |
| Gadolinium | 160-1 | 67      | 75      | 67      | 69      | 6.93   | cps   |
| Gadolinium | 160-2 | 97      | 140     | 133     | 123     | 18.92  | cps   |
| Holmium    | 165-1 | 8566008 | 8945309 | 8710819 | 8740712 | 2.19   | cps   |
| Holmium    | 165-2 | 4158901 | 3818137 | 3777222 | 3918087 | 5.35   | cps   |
| Indium     | 115-1 | 7735308 | 7996659 | 7873547 | 7868504 | 1.66   | cps   |
| Indium     | 115-2 | 1320480 | 1200657 | 1195438 | 1238859 | 5.71   | cps   |
| Iron       | 54-2  | 744     | 633     | 656     | 678     | 8.68   | cps   |
| Iron       | 56-2  | 4634    | 4506    | 4201    | 4447    | 5.01   | cps   |
| Iron       | 57-2  | 261     | 267     | 233     | 254     | 7.04   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149767BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB149767BL          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:56:24 | DataFile Name :   | 041CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Krypton    | 83-1  | 339     | 320     | 339     | 332     | 3.26   | cps   |
| Lead       | 206-1 | 811     | 828     | 772     | 804     | 3.55   | cps   |
| Lead       | 207-1 | 867     | 806     | 700     | 791     | 10.66  | cps   |
| Lead       | 208-1 | 3495    | 3522    | 3106    | 3374    | 6.90   | cps   |
| Lithium    | 6-1   | 4906937 | 4798074 | 4893395 | 4866135 | 1.22   | cps   |
| Magnesium  | 24-2  | 367     | 275     | 400     | 347     | 18.64  | cps   |
| Manganese  | 55-2  | 77      | 37      | 43      | 52      | 41.04  | cps   |
| Molybdenum | 94-1  | 258     | 225     | 233     | 239     | 7.26   | cps   |
| Molybdenum | 95-1  | 167     | 167     | 75      | 136     | 38.88  | cps   |
| Molybdenum | 96-1  | 283     | 358     | 233     | 292     | 21.57  | cps   |
| Molybdenum | 97-1  | 92      | 100     | 108     | 100     | 8.33   | cps   |
| Molybdenum | 98-1  | 274     | 216     | 225     | 238     | 13.22  | cps   |
| Neodymium  | 150-1 | 20      | 13      | 13      | 16      | 24.76  | cps   |
| Neodymium  | 150-2 | 0       | 0       | 7       | 2       | 173.21 | cps   |
| Nickel     | 60-2  | 33      | 63      | 43      | 47      | 32.74  | cps   |
| Phosphorus | 31-2  | 150     | 167     | 167     | 161     | 5.97   | cps   |
| Potassium  | 39-2  | 23720   | 24513   | 24880   | 24371   | 2.43   | cps   |
| Rhodium    | 103-1 | 7996405 | 7771333 | 7414812 | 7727517 | 3.80   | cps   |
| Rhodium    | 103-2 | 3766516 | 3378724 | 3343981 | 3496407 | 6.71   | cps   |
| Scandium   | 45-1  | 6294792 | 6346356 | 5984176 | 6208441 | 3.16   | cps   |
| Scandium   | 45-2  | 239347  | 214246  | 216295  | 223296  | 6.24   | cps   |
| Selenium   | 82-1  | -6      | 21      | 13      | 9       | 153.27 | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 78      | 60      | 76      | 71      | 13.83  | cps   |
| Silicon    | 28-1  | 780704  | 777080  | 773646  | 777143  | 0.45   | cps   |
| Silver     | 107-1 | 417     | 508     | 458     | 461     | 9.95   | cps   |
| Silver     | 109-1 | 342     | 417     | 292     | 350     | 17.98  | cps   |
| Sodium     | 23-2  | 31560   | 31710   | 32161   | 31810   | 0.98   | cps   |
| Strontium  | 86-1  | 650     | 675     | 742     | 689     | 6.88   | cps   |
| Strontium  | 88-1  | 1242    | 1100    | 1008    | 1117    | 10.53  | cps   |
| Sulfur     | 34-1  | 405534  | 402082  | 405122  | 404246  | 0.47   | cps   |
| Terbium    | 159-1 | 8839088 | 8971473 | 8936332 | 8915631 | 0.77   | cps   |
| Terbium    | 159-2 | 4178830 | 3708728 | 3903532 | 3930363 | 6.01   | cps   |
| Thallium   | 203-1 | 308     | 233     | 267     | 269     | 13.94  | cps   |
| Thallium   | 205-1 | 625     | 767     | 692     | 694     | 10.21  | cps   |
| Tin        | 118-1 | 567     | 575     | 667     | 603     | 9.20   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149767BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB149767BL          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:56:24 | DataFile Name :   | 041CCBE.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 375      | 417      | 342      | 378      | 9.95   | cps   |
| Uranium   | 238-1 | 50       | 58       | 33       | 47       | 26.97  | cps   |
| Vanadium  | 51-2  | 7        | 7        | 3        | 6        | 34.70  | cps   |
| Ytterbium | 172-1 | 75       | 117      | 67       | 86       | 31.11  | cps   |
| Ytterbium | 172-2 | 56       | 39       | 17       | 37       | 52.68  | cps   |
| Ytterbium | 176-1 | 1233     | 1175     | 1083     | 1164     | 6.50   | cps   |
| Ytterbium | 176-2 | 10404    | 9743     | 9787     | 9978     | 3.71   | cps   |
| Yttrium   | 89-1  | 14175437 | 13988187 | 13753719 | 13972448 | 1.51   | cps   |
| Yttrium   | 89-2  | 1684703  | 1562986  | 1520499  | 1589396  | 5.36   | cps   |
| Zinc      | 66-2  | 330      | 263      | 243      | 279      | 16.27  | cps   |
| Zirconium | 90-1  | 533      | 617      | 567      | 572      | 7.33   | cps   |
| Zirconium | 91-1  | 92       | 75       | 125      | 97       | 26.19  | cps   |

LB Number : LB123428 Operator : Jaswal  
 Lab Sample ID : PB149767BS Instrumnet Name : P8  
 Client Sample ID : PB149767BS Dilution Factor : 1  
 Date & Time Acquired : 2022-12-22 12:59:33 DataFile Name : 042LCSS.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 777688   | 753540   | 750105   | 760444   | 1.98   | cps   |
| Antimony   | 121-1 | 3083420  | 3095513  | 3047578  | 3075504  | 0.81   | cps   |
| Arsenic    | 75-2  | 103292   | 101049   | 98756    | 101032   | 2.24   | cps   |
| Barium     | 135-1 | 3948018  | 3784830  | 3902555  | 3878468  | 2.17   | cps   |
| Barium     | 137-1 | 6925847  | 6800558  | 6602514  | 6776306  | 2.41   | cps   |
| Beryllium  | 9-1   | 1657059  | 1678316  | 1674766  | 1670047  | 0.68   | cps   |
| Bismuth    | 209-1 | 5258458  | 5463891  | 5573556  | 5431968  | 2.94   | cps   |
| Bismuth    | 209-2 | 2801106  | 2844649  | 2884210  | 2843322  | 1.46   | cps   |
| Boron      | 10-1  | 396128   | 414184   | 426068   | 412127   | 3.66   | cps   |
| Boron      | 11-1  | 1648280  | 1694749  | 1779341  | 1707456  | 3.89   | cps   |
| Bromine    | 81-1  | 45411    | 46887    | 45281    | 45860    | 1.95   | cps   |
| Cadmium    | 111-1 | 954526   | 952785   | 922716   | 943342   | 1.90   | cps   |
| Cadmium    | 106-1 | 109813   | 111711   | 107586   | 109703   | 1.88   | cps   |
| Cadmium    | 108-1 | 71074    | 72602    | 72892    | 72189    | 1.35   | cps   |
| Calcium    | 43-1  | 1521245  | 1492990  | 1481886  | 1498707  | 1.35   | cps   |
| Calcium    | 44-1  | 22738425 | 22860367 | 22485627 | 22694806 | 0.84   | cps   |
| Carbon     | 12-1  | 7000653  | 7126791  | 7161167  | 7096204  | 1.19   | cps   |
| Carbon     | 12-2  | 86420    | 82465    | 82917    | 83934    | 2.58   | cps   |
| Chlorine   | 35-1  | 177038   | 173016   | 173565   | 174540   | 1.25   | cps   |
| Chlorine   | 35-2  | 1250     | 1167     | 1050     | 1156     | 8.69   | cps   |
| Chromium   | 52-2  | 1073526  | 1042242  | 1051139  | 1055636  | 1.53   | cps   |
| Cobalt     | 59-2  | 1961985  | 1915345  | 1934008  | 1937112  | 1.21   | cps   |
| Copper     | 63-2  | 15164565 | 14328556 | 14316689 | 14603270 | 3.33   | cps   |
| Dysprosium | 156-1 | 275      | 250      | 233      | 253      | 8.30   | cps   |
| Dysprosium | 156-2 | 107      | 100      | 80       | 96       | 14.52  | cps   |
| Erbium     | 164-1 | 108      | 142      | 108      | 119      | 16.11  | cps   |
| Erbium     | 164-2 | 47       | 37       | 47       | 43       | 13.32  | cps   |
| Gadolinium | 160-1 | 317      | 258      | 308      | 294      | 10.72  | cps   |
| Gadolinium | 160-2 | 213      | 223      | 250      | 229      | 8.28   | cps   |
| Holmium    | 165-1 | 8439809  | 8900108  | 8942397  | 8760771  | 3.18   | cps   |
| Holmium    | 165-2 | 3942746  | 3984141  | 3924496  | 3950461  | 0.77   | cps   |
| Indium     | 115-1 | 7595590  | 7549129  | 7780205  | 7641641  | 1.60   | cps   |
| Indium     | 115-2 | 1197528  | 1173165  | 1173058  | 1181250  | 1.19   | cps   |
| Iron       | 54-2  | 2660802  | 2559986  | 2532389  | 2584393  | 2.62   | cps   |
| Iron       | 56-2  | 46001779 | 44899720 | 45317257 | 45406252 | 1.23   | cps   |
| Iron       | 57-2  | 1118292  | 1073311  | 1074814  | 1088806  | 2.35   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149767BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB149767BS          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:59:33 | DataFile Name :   | 042LCSS.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Krypton    | 83-1  | 291       | 315       | 366       | 324       | 11.82  | cps   |
| Lead       | 206-1 | 12894712  | 12905443  | 12857374  | 12885843  | 0.20   | cps   |
| Lead       | 207-1 | 11298541  | 11153951  | 11333770  | 11262087  | 0.85   | cps   |
| Lead       | 208-1 | 51137542  | 51771325  | 51601163  | 51503343  | 0.64   | cps   |
| Lithium    | 6-1   | 4767912   | 4996769   | 4854488   | 4873056   | 2.37   | cps   |
| Magnesium  | 24-2  | 10612374  | 10313979  | 10316941  | 10414431  | 1.65   | cps   |
| Manganese  | 55-2  | 6136744   | 5890046   | 5854752   | 5960514   | 2.58   | cps   |
| Molybdenum | 94-1  | 13105002  | 12954348  | 12747748  | 12935699  | 1.39   | cps   |
| Molybdenum | 95-1  | 19126300  | 18427551  | 18780260  | 18778037  | 1.86   | cps   |
| Molybdenum | 96-1  | 20297082  | 20471169  | 20359711  | 20375987  | 0.43   | cps   |
| Molybdenum | 97-1  | 11624541  | 11249062  | 11510292  | 11461298  | 1.68   | cps   |
| Molybdenum | 98-1  | 29848744  | 29347209  | 29082331  | 29426095  | 1.32   | cps   |
| Neodymium  | 150-1 | 440       | 320       | 407       | 389       | 15.93  | cps   |
| Neodymium  | 150-2 | 37        | 33        | 23        | 31        | 22.31  | cps   |
| Nickel     | 60-2  | 518709    | 489918    | 492320    | 500316    | 3.19   | cps   |
| Phosphorus | 31-2  | 49301     | 47520     | 45238     | 47353     | 4.30   | cps   |
| Potassium  | 39-2  | 3611792   | 3540172   | 3556917   | 3569627   | 1.05   | cps   |
| Rhodium    | 103-1 | 7225751   | 7486424   | 7538045   | 7416740   | 2.26   | cps   |
| Rhodium    | 103-2 | 3363952   | 3314786   | 3300084   | 3326274   | 1.01   | cps   |
| Scandium   | 45-1  | 6052273   | 5935841   | 6148859   | 6045658   | 1.76   | cps   |
| Scandium   | 45-2  | 215369    | 213154    | 217370    | 215298    | 0.98   | cps   |
| Selenium   | 82-1  | 83039     | 83426     | 83868     | 83444     | 0.50   | cps   |
| Selenium   | 77-2  | 2627      | 2587      | 2567      | 2594      | 1.18   | cps   |
| Selenium   | 78-2  | 8977      | 8556      | 8663      | 8732      | 2.50   | cps   |
| Silicon    | 28-1  | 29397846  | 29258042  | 29697276  | 29451055  | 0.76   | cps   |
| Silver     | 107-1 | 4728077   | 4764799   | 4714450   | 4735775   | 0.55   | cps   |
| Silver     | 109-1 | 4656298   | 4578720   | 4491423   | 4575480   | 1.80   | cps   |
| Sodium     | 23-2  | 19491848  | 18922597  | 18953397  | 19122614  | 1.67   | cps   |
| Strontium  | 86-1  | 31276778  | 29907153  | 30795713  | 30659881  | 2.27   | cps   |
| Strontium  | 88-1  | 269002631 | 254934031 | 264522131 | 262819598 | 2.73   | cps   |
| Sulfur     | 34-1  | 999927    | 992912    | 995633    | 996158    | 0.36   | cps   |
| Terbium    | 159-1 | 9165128   | 9050549   | 9320324   | 9178667   | 1.48   | cps   |
| Terbium    | 159-2 | 3837855   | 4003424   | 3882327   | 3907869   | 2.19   | cps   |
| Thallium   | 203-1 | 3140101   | 3100697   | 3129552   | 3123450   | 0.65   | cps   |
| Thallium   | 205-1 | 7322810   | 7124915   | 7228144   | 7225290   | 1.37   | cps   |
| Tin        | 118-1 | 2840771   | 2827417   | 2797407   | 2821865   | 0.79   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149767BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB149767BS          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 12:59:33 | DataFile Name :   | 042LCSS.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 6038791  | 6027215  | 6127455  | 6064487  | 0.90   | cps   |
| Uranium   | 238-1 | 9288235  | 9368526  | 9768184  | 9474982  | 2.71   | cps   |
| Vanadium  | 51-2  | 859478   | 840509   | 840514   | 846834   | 1.29   | cps   |
| Ytterbium | 172-1 | 92       | 75       | 167      | 111      | 43.95  | cps   |
| Ytterbium | 172-2 | 28       | 61       | 72       | 54       | 43.06  | cps   |
| Ytterbium | 176-1 | 13099    | 14291    | 13516    | 13635    | 4.44   | cps   |
| Ytterbium | 176-2 | 15059    | 15326    | 15153    | 15179    | 0.89   | cps   |
| Yttrium   | 89-1  | 13750116 | 13860887 | 14029058 | 13880020 | 1.01   | cps   |
| Yttrium   | 89-2  | 1609351  | 1540266  | 1589366  | 1579661  | 2.25   | cps   |
| Zinc      | 66-2  | 1894824  | 1820767  | 1794828  | 1836806  | 2.83   | cps   |
| Zirconium | 90-1  | 6430053  | 6493719  | 6492009  | 6471927  | 0.56   | cps   |
| Zirconium | 91-1  | 1496199  | 1483194  | 1443664  | 1474352  | 1.86   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149788BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB149788BL          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 13:08:27 | DataFile Name :   | 043CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 161     | 161     | 176     | 166     | 5.21   | cps   |
| Antimony   | 121-1 | 425     | 500     | 417     | 447     | 10.26  | cps   |
| Arsenic    | 75-2  | 4       | 4       | 7       | 5       | 34.64  | cps   |
| Barium     | 135-1 | 275     | 83      | 67      | 142     | 81.72  | cps   |
| Barium     | 137-1 | 492     | 67      | 125     | 228     | 101.15 | cps   |
| Beryllium  | 9-1   | 181     | 124     | 100     | 135     | 30.94  | cps   |
| Bismuth    | 209-1 | 5877025 | 5568553 | 5573869 | 5673149 | 3.11   | cps   |
| Bismuth    | 209-2 | 3102789 | 3440997 | 3024377 | 3189388 | 6.94   | cps   |
| Boron      | 10-1  | 8589    | 8665    | 8551    | 8602    | 0.68   | cps   |
| Boron      | 11-1  | 38390   | 37486   | 38015   | 37964   | 1.20   | cps   |
| Bromine    | 81-1  | 44768   | 46165   | 47049   | 45994   | 2.50   | cps   |
| Cadmium    | 111-1 | 2847    | 2825    | 2928    | 2867    | 1.90   | cps   |
| Cadmium    | 106-1 | 3959    | 4009    | 4159    | 4042    | 2.58   | cps   |
| Cadmium    | 108-1 | 29      | 21      | 29      | 26      | 18.25  | cps   |
| Calcium    | 43-1  | 210     | 170     | 154     | 178     | 16.27  | cps   |
| Calcium    | 44-1  | 12231   | 11967   | 11747   | 11982   | 2.02   | cps   |
| Carbon     | 12-1  | 5621893 | 5709141 | 5671764 | 5667599 | 0.77   | cps   |
| Carbon     | 12-2  | 66183   | 67539   | 66861   | 66861   | 1.01   | cps   |
| Chlorine   | 35-1  | 139282  | 135984  | 136321  | 137196  | 1.32   | cps   |
| Chlorine   | 35-2  | 1067    | 1050    | 1017    | 1045    | 2.44   | cps   |
| Chromium   | 52-2  | 630     | 723     | 720     | 691     | 7.66   | cps   |
| Cobalt     | 59-2  | 117     | 107     | 113     | 112     | 4.54   | cps   |
| Copper     | 63-2  | 1067    | 1130    | 987     | 1061    | 6.77   | cps   |
| Dysprosium | 156-1 | 25      | 25      | 17      | 22      | 21.64  | cps   |
| Dysprosium | 156-2 | 0       | 7       | 0       | 2       | 173.21 | cps   |
| Erbium     | 164-1 | 83      | 42      | 17      | 47      | 71.32  | cps   |
| Erbium     | 164-2 | 23      | 30      | 17      | 23      | 28.56  | cps   |
| Gadolinium | 160-1 | 42      | 83      | 58      | 61      | 34.32  | cps   |
| Gadolinium | 160-2 | 120     | 180     | 150     | 150     | 20.00  | cps   |
| Holmium    | 165-1 | 8825260 | 8958115 | 8885276 | 8889550 | 0.75   | cps   |
| Holmium    | 165-2 | 3973668 | 4704515 | 4097668 | 4258617 | 9.18   | cps   |
| Indium     | 115-1 | 7819733 | 8103822 | 7703742 | 7875766 | 2.61   | cps   |
| Indium     | 115-2 | 1240302 | 1493034 | 1253587 | 1328975 | 10.70  | cps   |
| Iron       | 54-2  | 672     | 683     | 694     | 683     | 1.63   | cps   |
| Iron       | 56-2  | 4629    | 4429    | 4662    | 4573    | 2.76   | cps   |
| Iron       | 57-2  | 283     | 322     | 278     | 294     | 8.22   | cps   |



|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149788BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB149788BL          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 13:08:27 | DataFile Name :   | 043CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Krypton    | 83-1  | 311     | 287     | 301     | 300     | 3.98   | cps   |
| Lead       | 206-1 | 1378    | 989     | 917     | 1095    | 22.67  | cps   |
| Lead       | 207-1 | 1183    | 933     | 817     | 978     | 19.16  | cps   |
| Lead       | 208-1 | 5495    | 4000    | 3589    | 4362    | 23.00  | cps   |
| Lithium    | 6-1   | 4877327 | 4839391 | 4896984 | 4871234 | 0.60   | cps   |
| Magnesium  | 24-2  | 350     | 417     | 500     | 422     | 17.80  | cps   |
| Manganese  | 55-2  | 70      | 90      | 63      | 74      | 18.64  | cps   |
| Molybdenum | 94-1  | 650     | 450     | 425     | 508     | 24.26  | cps   |
| Molybdenum | 95-1  | 650     | 317     | 400     | 456     | 38.08  | cps   |
| Molybdenum | 96-1  | 808     | 500     | 550     | 619     | 26.72  | cps   |
| Molybdenum | 97-1  | 450     | 208     | 242     | 300     | 43.66  | cps   |
| Molybdenum | 98-1  | 1121    | 598     | 732     | 817     | 33.25  | cps   |
| Neodymium  | 150-1 | 7       | 7       | 7       | 7       | 0.00   | cps   |
| Neodymium  | 150-2 | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Nickel     | 60-2  | 43      | 53      | 33      | 43      | 23.08  | cps   |
| Phosphorus | 31-2  | 242     | 183     | 75      | 167     | 50.75  | cps   |
| Potassium  | 39-2  | 24237   | 23336   | 24588   | 24054   | 2.69   | cps   |
| Rhodium    | 103-1 | 7620115 | 7737324 | 7719626 | 7692355 | 0.82   | cps   |
| Rhodium    | 103-2 | 3551932 | 4026118 | 3526378 | 3701476 | 7.60   | cps   |
| Scandium   | 45-1  | 6158852 | 6154838 | 6181869 | 6165187 | 0.24   | cps   |
| Scandium   | 45-2  | 221686  | 256824  | 218569  | 232360  | 9.14   | cps   |
| Selenium   | 82-1  | 35      | 61      | 62      | 53      | 29.35  | cps   |
| Selenium   | 77-2  | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Selenium   | 78-2  | 70      | 74      | 64      | 69      | 7.26   | cps   |
| Silicon    | 28-1  | 775933  | 766386  | 775976  | 772765  | 0.71   | cps   |
| Silver     | 107-1 | 717     | 642     | 792     | 717     | 10.47  | cps   |
| Silver     | 109-1 | 700     | 717     | 658     | 692     | 4.34   | cps   |
| Sodium     | 23-2  | 31101   | 31535   | 32028   | 31554   | 1.47   | cps   |
| Strontium  | 86-1  | 1475    | 917     | 825     | 1072    | 32.82  | cps   |
| Strontium  | 88-1  | 8081    | 3551    | 3392    | 5008    | 53.16  | cps   |
| Sulfur     | 34-1  | 392367  | 395258  | 397021  | 394882  | 0.60   | cps   |
| Terbium    | 159-1 | 8940702 | 9072163 | 9009406 | 9007424 | 0.73   | cps   |
| Terbium    | 159-2 | 3956489 | 4522304 | 4032403 | 4170399 | 7.36   | cps   |
| Thallium   | 203-1 | 350     | 333     | 292     | 325     | 9.24   | cps   |
| Thallium   | 205-1 | 992     | 875     | 708     | 858     | 16.59  | cps   |
| Tin        | 118-1 | 608     | 592     | 575     | 592     | 2.82   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149788BL          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB149788BL          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 13:08:27 | DataFile Name :   | 043CCBE.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 617      | 375      | 525      | 506      | 24.13  | cps   |
| Uranium   | 238-1 | 383      | 92       | 133      | 203      | 77.79  | cps   |
| Vanadium  | 51-2  | 13       | 7        | 10       | 10       | 33.30  | cps   |
| Ytterbium | 172-1 | 75       | 58       | 50       | 61       | 20.83  | cps   |
| Ytterbium | 172-2 | 22       | 17       | 11       | 17       | 33.33  | cps   |
| Ytterbium | 176-1 | 1100     | 1292     | 1350     | 1247     | 10.49  | cps   |
| Ytterbium | 176-2 | 9743     | 11856    | 10371    | 10656    | 10.18  | cps   |
| Yttrium   | 89-1  | 14163923 | 13893518 | 13795609 | 13951017 | 1.37   | cps   |
| Yttrium   | 89-2  | 1656781  | 1915575  | 1586114  | 1719490  | 10.09  | cps   |
| Zinc      | 66-2  | 240      | 233      | 177      | 217      | 16.06  | cps   |
| Zirconium | 90-1  | 817      | 600      | 642      | 686      | 16.76  | cps   |
| Zirconium | 91-1  | 142      | 175      | 150      | 156      | 11.15  | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149788BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB149788BS          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 13:11:37 | DataFile Name :   | 044LCSW.d |

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 769592   | 748015   | 734329   | 750645   | 2.37   | cps   |
| Antimony   | 121-1 | 3069087  | 3128310  | 3016444  | 3071280  | 1.82   | cps   |
| Arsenic    | 75-2  | 101870   | 99790    | 97952    | 99871    | 1.96   | cps   |
| Barium     | 135-1 | 3842898  | 3795158  | 3759812  | 3799290  | 1.10   | cps   |
| Barium     | 137-1 | 6837994  | 6782767  | 6576991  | 6732584  | 2.04   | cps   |
| Beryllium  | 9-1   | 1706628  | 1613953  | 1609393  | 1643325  | 3.34   | cps   |
| Bismuth    | 209-1 | 5058810  | 5364722  | 6826991  | 5750174  | 16.43  | cps   |
| Bismuth    | 209-2 | 2719109  | 2825568  | 2873546  | 2806074  | 2.82   | cps   |
| Boron      | 10-1  | 399771   | 415895   | 417620   | 411095   | 2.39   | cps   |
| Boron      | 11-1  | 1637737  | 1745022  | 1717564  | 1700108  | 3.28   | cps   |
| Bromine    | 81-1  | 45481    | 46536    | 44637    | 45551    | 2.09   | cps   |
| Cadmium    | 111-1 | 967544   | 947146   | 904361   | 939684   | 3.43   | cps   |
| Cadmium    | 106-1 | 110604   | 109728   | 107176   | 109169   | 1.63   | cps   |
| Cadmium    | 108-1 | 73047    | 71229    | 69738    | 71338    | 2.32   | cps   |
| Calcium    | 43-1  | 1510077  | 1511081  | 1469623  | 1496927  | 1.58   | cps   |
| Calcium    | 44-1  | 22272034 | 22555758 | 21264679 | 22030823 | 3.08   | cps   |
| Carbon     | 12-1  | 6962780  | 7007811  | 7140660  | 7037084  | 1.31   | cps   |
| Carbon     | 12-2  | 84368    | 83512    | 81157    | 83012    | 2.00   | cps   |
| Chlorine   | 35-1  | 166229   | 167115   | 165934   | 166426   | 0.37   | cps   |
| Chlorine   | 35-2  | 1200     | 1150     | 1275     | 1208     | 5.21   | cps   |
| Chromium   | 52-2  | 1069279  | 1041955  | 1019234  | 1043489  | 2.40   | cps   |
| Cobalt     | 59-2  | 1956895  | 1929502  | 1870799  | 1919065  | 2.29   | cps   |
| Copper     | 63-2  | 14810329 | 14360441 | 14352066 | 14507612 | 1.81   | cps   |
| Dysprosium | 156-1 | 217      | 225      | 292      | 244      | 16.82  | cps   |
| Dysprosium | 156-2 | 73       | 87       | 83       | 81       | 8.56   | cps   |
| Erbium     | 164-1 | 100      | 92       | 167      | 119      | 34.42  | cps   |
| Erbium     | 164-2 | 40       | 17       | 50       | 36       | 48.10  | cps   |
| Gadolinium | 160-1 | 250      | 225      | 400      | 292      | 32.45  | cps   |
| Gadolinium | 160-2 | 260      | 197      | 220      | 226      | 14.20  | cps   |
| Holmium    | 165-1 | 8592832  | 8776279  | 11046534 | 9471882  | 14.43  | cps   |
| Holmium    | 165-2 | 3973816  | 4002779  | 3917847  | 3964814  | 1.09   | cps   |
| Indium     | 115-1 | 7143289  | 8017732  | 9764309  | 8308443  | 16.06  | cps   |
| Indium     | 115-2 | 1166139  | 1169048  | 1160421  | 1165203  | 0.38   | cps   |
| Iron       | 54-2  | 2617406  | 2601094  | 2441610  | 2553370  | 3.80   | cps   |
| Iron       | 56-2  | 45507977 | 45447129 | 43542295 | 44832467 | 2.49   | cps   |
| Iron       | 57-2  | 1099338  | 1075181  | 1052382  | 1075634  | 2.18   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149788BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB149788BS          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 13:11:37 | DataFile Name :   | 044LCSW.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Krypton    | 83-1  | 326       | 357       | 327       | 337       | 5.25   | cps   |
| Lead       | 206-1 | 12932210  | 12901011  | 12701204  | 12844808  | 0.98   | cps   |
| Lead       | 207-1 | 11059541  | 11292332  | 11095772  | 11149215  | 1.12   | cps   |
| Lead       | 208-1 | 51516024  | 51387546  | 50688375  | 51197315  | 0.87   | cps   |
| Lithium    | 6-1   | 4674542   | 4870858   | 5967122   | 5170841   | 13.47  | cps   |
| Magnesium  | 24-2  | 10754994  | 10380563  | 10066353  | 10400637  | 3.31   | cps   |
| Manganese  | 55-2  | 5920269   | 5913760   | 5680712   | 5838247   | 2.34   | cps   |
| Molybdenum | 94-1  | 13057386  | 13150085  | 12416110  | 12874527  | 3.10   | cps   |
| Molybdenum | 95-1  | 18546012  | 18942043  | 17517688  | 18335247  | 4.01   | cps   |
| Molybdenum | 96-1  | 20108073  | 20056815  | 19338513  | 19834467  | 2.17   | cps   |
| Molybdenum | 97-1  | 11439755  | 11263676  | 10768874  | 11157435  | 3.12   | cps   |
| Molybdenum | 98-1  | 29319664  | 29023503  | 27409392  | 28584186  | 3.60   | cps   |
| Neodymium  | 150-1 | 393       | 300       | 320       | 338       | 14.55  | cps   |
| Neodymium  | 150-2 | 30        | 7         | 40        | 26        | 66.92  | cps   |
| Nickel     | 60-2  | 503431    | 494069    | 473451    | 490317    | 3.13   | cps   |
| Phosphorus | 31-2  | 46709     | 45832     | 45405     | 45982     | 1.45   | cps   |
| Potassium  | 39-2  | 3812688   | 3548474   | 3493273   | 3618145   | 4.72   | cps   |
| Rhodium    | 103-1 | 6951609   | 7673671   | 9068312   | 7897864   | 13.62  | cps   |
| Rhodium    | 103-2 | 3370183   | 3377411   | 3259810   | 3335801   | 1.98   | cps   |
| Scandium   | 45-1  | 5647932   | 6254330   | 7612189   | 6504817   | 15.46  | cps   |
| Scandium   | 45-2  | 210774    | 213278    | 215622    | 213225    | 1.14   | cps   |
| Selenium   | 82-1  | 83850     | 83146     | 81854     | 82950     | 1.22   | cps   |
| Selenium   | 77-2  | 2644      | 2624      | 2440      | 2569      | 4.36   | cps   |
| Selenium   | 78-2  | 9043      | 8666      | 8569      | 8759      | 2.86   | cps   |
| Silicon    | 28-1  | 29507841  | 28780012  | 28693163  | 28993672  | 1.54   | cps   |
| Silver     | 107-1 | 4909293   | 4777129   | 4769209   | 4818544   | 1.63   | cps   |
| Silver     | 109-1 | 4571619   | 4624073   | 4518017   | 4571236   | 1.16   | cps   |
| Sodium     | 23-2  | 19537032  | 19122781  | 18765054  | 19141622  | 2.02   | cps   |
| Strontium  | 86-1  | 31338489  | 30515402  | 30418558  | 30757483  | 1.64   | cps   |
| Strontium  | 88-1  | 271396339 | 268047723 | 257193964 | 265546009 | 2.80   | cps   |
| Sulfur     | 34-1  | 997614    | 981454    | 984304    | 987791    | 0.87   | cps   |
| Terbium    | 159-1 | 8422911   | 9458457   | 11844708  | 9908692   | 17.71  | cps   |
| Terbium    | 159-2 | 3925448   | 3940887   | 3862509   | 3909615   | 1.06   | cps   |
| Thallium   | 203-1 | 3111675   | 2989491   | 3040715   | 3047293   | 2.01   | cps   |
| Thallium   | 205-1 | 7098667   | 7283323   | 7109645   | 7163878   | 1.45   | cps   |
| Tin        | 118-1 | 2926851   | 2883977   | 2781904   | 2864244   | 2.60   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | PB149788BS          | Instrumnet Name : | P8        |
| Client Sample ID :     | PB149788BS          | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 13:11:37 | DataFile Name :   | 044LCSW.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 6251329  | 6175162  | 5821689  | 6082727  | 3.77   | cps   |
| Uranium   | 238-1 | 9707573  | 9404892  | 9527012  | 9546492  | 1.60   | cps   |
| Vanadium  | 51-2  | 858474   | 830381   | 823304   | 837386   | 2.22   | cps   |
| Ytterbium | 172-1 | 100      | 133      | 142      | 125      | 17.64  | cps   |
| Ytterbium | 172-2 | 67       | 44       | 72       | 61       | 24.05  | cps   |
| Ytterbium | 176-1 | 12957    | 13224    | 12423    | 12868    | 3.17   | cps   |
| Ytterbium | 176-2 | 14480    | 15048    | 15153    | 14894    | 2.43   | cps   |
| Yttrium   | 89-1  | 13209141 | 14238001 | 17288363 | 14911835 | 14.23  | cps   |
| Yttrium   | 89-2  | 1563027  | 1603840  | 1534353  | 1567074  | 2.23   | cps   |
| Zinc      | 66-2  | 1887212  | 1817860  | 1761895  | 1822322  | 3.44   | cps   |
| Zirconium | 90-1  | 6552033  | 6419489  | 6183669  | 6385064  | 2.92   | cps   |
| Zirconium | 91-1  | 1514666  | 1493276  | 1411406  | 1473116  | 3.70   | cps   |

|                        |                     |                   |          |
|------------------------|---------------------|-------------------|----------|
| LB Number :            | LB123428            | Operator :        | Jaswal   |
| Lab Sample ID :        | CCV26               | Instrumnet Name : | P8       |
| Client Sample ID :     | CCV26               | Dilution Factor : | 1        |
| Date & Time Acquired : | 2022-12-22 13:14:36 | DataFile Name :   | 045CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 3896737   | 3879940   | 3834725   | 3870467   | 0.83   | cps   |
| Antimony   | 121-1 | 2997280   | 3041820   | 2908462   | 2982521   | 2.28   | cps   |
| Arsenic    | 75-2  | 98331     | 97954     | 99312     | 98532     | 0.71   | cps   |
| Barium     | 135-1 | 4036223   | 3969275   | 3876637   | 3960712   | 2.02   | cps   |
| Barium     | 137-1 | 6987039   | 6834565   | 6702594   | 6841399   | 2.08   | cps   |
| Beryllium  | 9-1   | 1558814   | 1575581   | 1538914   | 1557769   | 1.18   | cps   |
| Bismuth    | 209-1 | 4957315   | 5016105   | 4752174   | 4908531   | 2.82   | cps   |
| Bismuth    | 209-2 | 2579527   | 2545154   | 2585273   | 2569984   | 0.84   | cps   |
| Boron      | 10-1  | 430088    | 441419    | 445771    | 439093    | 1.84   | cps   |
| Boron      | 11-1  | 1775112   | 1834804   | 1819406   | 1809774   | 1.71   | cps   |
| Bromine    | 81-1  | 42599     | 41926     | 43342     | 42622     | 1.66   | cps   |
| Cadmium    | 111-1 | 899011    | 897479    | 908257    | 901582    | 0.65   | cps   |
| Cadmium    | 106-1 | 105053    | 105991    | 104377    | 105140    | 0.77   | cps   |
| Cadmium    | 108-1 | 70115     | 70282     | 70232     | 70210     | 0.12   | cps   |
| Calcium    | 43-1  | 6337804   | 6477903   | 6367036   | 6394248   | 1.16   | cps   |
| Calcium    | 44-1  | 101559125 | 102748854 | 101021755 | 101776578 | 0.87   | cps   |
| Carbon     | 12-1  | 6869008   | 7016279   | 7021192   | 6968826   | 1.24   | cps   |
| Carbon     | 12-2  | 89941     | 89170     | 89749     | 89620     | 0.45   | cps   |
| Chlorine   | 35-1  | 167595    | 166954    | 165302    | 166617    | 0.71   | cps   |
| Chlorine   | 35-2  | 1350      | 1100      | 1258      | 1236      | 10.23  | cps   |
| Chromium   | 52-2  | 1072711   | 1075131   | 1049439   | 1065760   | 1.33   | cps   |
| Cobalt     | 59-2  | 1893054   | 1916413   | 1878870   | 1896112   | 1.00   | cps   |
| Copper     | 63-2  | 14511817  | 14837591  | 14744094  | 14697834  | 1.14   | cps   |
| Dysprosium | 156-1 | 775       | 733       | 775       | 761       | 3.16   | cps   |
| Dysprosium | 156-2 | 327       | 340       | 310       | 326       | 4.62   | cps   |
| Erbium     | 164-1 | 133       | 75        | 108       | 106       | 27.73  | cps   |
| Erbium     | 164-2 | 40        | 37        | 33        | 37        | 9.10   | cps   |
| Gadolinium | 160-1 | 792       | 725       | 850       | 789       | 7.93   | cps   |
| Gadolinium | 160-2 | 410       | 530       | 513       | 484       | 13.42  | cps   |
| Holmium    | 165-1 | 8524116   | 8972676   | 8816651   | 8771148   | 2.60   | cps   |
| Holmium    | 165-2 | 3769187   | 3815809   | 3840063   | 3808353   | 0.95   | cps   |
| Indium     | 115-1 | 7364748   | 7472463   | 7217380   | 7351530   | 1.74   | cps   |
| Indium     | 115-2 | 1096020   | 1117383   | 1119992   | 1111132   | 1.18   | cps   |
| Iron       | 54-2  | 12067263  | 12108626  | 11732255  | 11969381  | 1.72   | cps   |
| Iron       | 56-2  | 219278544 | 218950783 | 217703644 | 218644323 | 0.38   | cps   |
| Iron       | 57-2  | 5532908   | 5414782   | 5520132   | 5489274   | 1.18   | cps   |

|                        |                     |                   |          |
|------------------------|---------------------|-------------------|----------|
| LB Number :            | LB123428            | Operator :        | Jaswal   |
| Lab Sample ID :        | CCV26               | Instrumnet Name : | P8       |
| Client Sample ID :     | CCV26               | Dilution Factor : | 1        |
| Date & Time Acquired : | 2022-12-22 13:14:36 | DataFile Name :   | 045CCV.d |

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Krypton    | 83-1  | 382       | 341       | 350       | 358       | 6.07   | cps   |
| Lead       | 206-1 | 12515545  | 12246902  | 12380201  | 12380883  | 1.08   | cps   |
| Lead       | 207-1 | 11037987  | 11247692  | 11154461  | 11146713  | 0.94   | cps   |
| Lead       | 208-1 | 50458416  | 50643491  | 49803463  | 50301790  | 0.88   | cps   |
| Lithium    | 6-1   | 4622062   | 4699635   | 4493971   | 4605223   | 2.26   | cps   |
| Magnesium  | 24-2  | 51717370  | 50377478  | 49937367  | 50677405  | 1.83   | cps   |
| Manganese  | 55-2  | 5920095   | 5878750   | 5831812   | 5876885   | 0.75   | cps   |
| Molybdenum | 94-1  | 13339576  | 13134377  | 12719328  | 13064427  | 2.42   | cps   |
| Molybdenum | 95-1  | 18925079  | 18353538  | 18738260  | 18672292  | 1.56   | cps   |
| Molybdenum | 96-1  | 20656403  | 20255722  | 20141024  | 20351050  | 1.33   | cps   |
| Molybdenum | 97-1  | 11698584  | 11541695  | 11160822  | 11467034  | 2.41   | cps   |
| Molybdenum | 98-1  | 29888530  | 29314398  | 29086960  | 29429963  | 1.40   | cps   |
| Neodymium  | 150-1 | 340       | 380       | 380       | 367       | 6.30   | cps   |
| Neodymium  | 150-2 | 37        | 23        | 47        | 36        | 32.93  | cps   |
| Nickel     | 60-2  | 499606    | 500708    | 497677    | 499330    | 0.31   | cps   |
| Phosphorus | 31-2  | 45146     | 44954     | 44720     | 44940     | 0.47   | cps   |
| Potassium  | 39-2  | 17529241  | 17877349  | 17939986  | 17782192  | 1.24   | cps   |
| Rhodium    | 103-1 | 6826048   | 7018583   | 6761145   | 6868592   | 1.95   | cps   |
| Rhodium    | 103-2 | 3032729   | 3035231   | 3079636   | 3049199   | 0.87   | cps   |
| Scandium   | 45-1  | 5878986   | 6004049   | 5790258   | 5891098   | 1.82   | cps   |
| Scandium   | 45-2  | 209799    | 209294    | 210511    | 209868    | 0.29   | cps   |
| Selenium   | 82-1  | 79396     | 78903     | 78335     | 78878     | 0.67   | cps   |
| Selenium   | 77-2  | 2587      | 2477      | 2277      | 2447      | 6.42   | cps   |
| Selenium   | 78-2  | 8715      | 8462      | 8330      | 8502      | 2.30   | cps   |
| Silicon    | 28-1  | 30159428  | 29931029  | 29408470  | 29832976  | 1.29   | cps   |
| Silver     | 107-1 | 4617118   | 4720138   | 4723396   | 4686884   | 1.29   | cps   |
| Silver     | 109-1 | 4517730   | 4535089   | 4417897   | 4490239   | 1.41   | cps   |
| Sodium     | 23-2  | 95788579  | 93090754  | 94515577  | 94464970  | 1.43   | cps   |
| Strontium  | 86-1  | 30814506  | 31327809  | 30380972  | 30841095  | 1.54   | cps   |
| Strontium  | 88-1  | 266137439 | 264805773 | 264131123 | 265024778 | 0.39   | cps   |
| Sulfur     | 34-1  | 968199    | 967617    | 945156    | 960324    | 1.37   | cps   |
| Terbium    | 159-1 | 8916822   | 9082897   | 8797855   | 8932525   | 1.60   | cps   |
| Terbium    | 159-2 | 3684312   | 3683801   | 3827800   | 3731971   | 2.22   | cps   |
| Thallium   | 203-1 | 3074979   | 2979173   | 2965044   | 3006399   | 1.99   | cps   |
| Thallium   | 205-1 | 6958097   | 6832853   | 6961239   | 6917396   | 1.06   | cps   |
| Tin        | 118-1 | 2735132   | 2785155   | 2739624   | 2753304   | 1.01   | cps   |

|                        |                     |                   |          |
|------------------------|---------------------|-------------------|----------|
| LB Number :            | LB123428            | Operator :        | Jaswal   |
| Lab Sample ID :        | CCV26               | Instrumnet Name : | P8       |
| Client Sample ID :     | CCV26               | Dilution Factor : | 1        |
| Date & Time Acquired : | 2022-12-22 13:14:36 | DataFile Name :   | 045CCV.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 6103065  | 6252305  | 5954389  | 6103253  | 2.44   | cps   |
| Uranium   | 238-1 | 9857473  | 9839514  | 9713147  | 9803378  | 0.80   | cps   |
| Vanadium  | 51-2  | 875749   | 866442   | 859737   | 867310   | 0.93   | cps   |
| Ytterbium | 172-1 | 333      | 325      | 325      | 328      | 1.47   | cps   |
| Ytterbium | 172-2 | 150      | 133      | 183      | 156      | 16.37  | cps   |
| Ytterbium | 176-1 | 13399    | 14066    | 13874    | 13780    | 2.49   | cps   |
| Ytterbium | 176-2 | 14575    | 14603    | 14936    | 14705    | 1.37   | cps   |
| Yttrium   | 89-1  | 13281706 | 13524908 | 13355092 | 13387235 | 0.93   | cps   |
| Yttrium   | 89-2  | 1544084  | 1476535  | 1517595  | 1512738  | 2.25   | cps   |
| Zinc      | 66-2  | 1766038  | 1756744  | 1764591  | 1762458  | 0.28   | cps   |
| Zirconium | 90-1  | 6482792  | 6572543  | 6537779  | 6531038  | 0.69   | cps   |
| Zirconium | 91-1  | 1473419  | 1492949  | 1525426  | 1497265  | 1.75   | cps   |



LB Number : LB123428 Operator : Jaswal  
 Lab Sample ID : CCB26 Instrumnet Name : P8  
 Client Sample ID : CCB26 Dilution Factor : 1  
 Date & Time Acquired : 2022-12-22 13:22:54 DataFile Name : 046CCBE.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 269     | 237     | 280     | 262     | 8.40   | cps   |
| Antimony   | 121-1 | 467     | 533     | 792     | 597     | 28.74  | cps   |
| Arsenic    | 75-2  | 5       | 4       | 8       | 6       | 36.74  | cps   |
| Barium     | 135-1 | 50      | 50      | 75      | 58      | 24.74  | cps   |
| Barium     | 137-1 | 75      | 108     | 83      | 89      | 19.52  | cps   |
| Beryllium  | 9-1   | 165     | 154     | 170     | 163     | 5.11   | cps   |
| Bismuth    | 209-1 | 5505306 | 5522408 | 5747660 | 5591791 | 2.42   | cps   |
| Bismuth    | 209-2 | 2902186 | 2941392 | 2899092 | 2914224 | 0.81   | cps   |
| Boron      | 10-1  | 14588   | 14626   | 14574   | 14596   | 0.18   | cps   |
| Boron      | 11-1  | 65598   | 65886   | 64323   | 65269   | 1.27   | cps   |
| Bromine    | 81-1  | 46305   | 42539   | 45792   | 44879   | 4.55   | cps   |
| Cadmium    | 111-1 | 2957    | 2856    | 2869    | 2894    | 1.90   | cps   |
| Cadmium    | 106-1 | 4167    | 4001    | 4084    | 4084    | 2.04   | cps   |
| Cadmium    | 108-1 | 8       | 4       | 33      | 15      | 103.25 | cps   |
| Calcium    | 43-1  | 212     | 219     | 181     | 204     | 9.84   | cps   |
| Calcium    | 44-1  | 11911   | 11663   | 11826   | 11800   | 1.07   | cps   |
| Carbon     | 12-1  | 6704012 | 6697855 | 6720964 | 6707610 | 0.18   | cps   |
| Carbon     | 12-2  | 79817   | 79155   | 80110   | 79694   | 0.61   | cps   |
| Chlorine   | 35-1  | 158207  | 158662  | 155598  | 157489  | 1.05   | cps   |
| Chlorine   | 35-2  | 1200    | 1058    | 1233    | 1164    | 7.98   | cps   |
| Chromium   | 52-2  | 800     | 743     | 777     | 773     | 3.68   | cps   |
| Cobalt     | 59-2  | 110     | 103     | 113     | 109     | 4.67   | cps   |
| Copper     | 63-2  | 1253    | 1140    | 1170    | 1188    | 4.94   | cps   |
| Dysprosium | 156-1 | 0       | 42      | 17      | 19      | 107.85 | cps   |
| Dysprosium | 156-2 | 3       | 7       | 0       | 3       | 100.05 | cps   |
| Erbium     | 164-1 | 33      | 67      | 50      | 50      | 33.34  | cps   |
| Erbium     | 164-2 | 20      | 20      | 27      | 22      | 17.33  | cps   |
| Gadolinium | 160-1 | 117     | 83      | 75      | 92      | 24.05  | cps   |
| Gadolinium | 160-2 | 93      | 133     | 140     | 122     | 20.65  | cps   |
| Holmium    | 165-1 | 8682294 | 8824139 | 8517605 | 8674679 | 1.77   | cps   |
| Holmium    | 165-2 | 3959057 | 3872407 | 3924626 | 3918696 | 1.11   | cps   |
| Indium     | 115-1 | 7934652 | 7596138 | 7875145 | 7801978 | 2.32   | cps   |
| Indium     | 115-2 | 1216027 | 1199662 | 1200698 | 1205463 | 0.76   | cps   |
| Iron       | 54-2  | 767     | 700     | 772     | 746     | 5.39   | cps   |
| Iron       | 56-2  | 6057    | 5440    | 5368    | 5622    | 6.74   | cps   |
| Iron       | 57-2  | 250     | 256     | 250     | 252     | 1.27   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | CCB26               | Instrumnet Name : | P8        |
| Client Sample ID :     | CCB26               | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 13:22:54 | DataFile Name :   | 046CCBE.d |

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Krypton    | 83-1  | 324     | 300     | 281     | 302     | 7.06   | cps   |
| Lead       | 206-1 | 911     | 1111    | 933     | 985     | 11.13  | cps   |
| Lead       | 207-1 | 967     | 1072    | 789     | 943     | 15.19  | cps   |
| Lead       | 208-1 | 3967    | 4239    | 3745    | 3984    | 6.22   | cps   |
| Lithium    | 6-1   | 4817251 | 4883577 | 4901867 | 4867565 | 0.91   | cps   |
| Magnesium  | 24-2  | 717     | 642     | 492     | 617     | 18.58  | cps   |
| Manganese  | 55-2  | 113     | 73      | 113     | 100     | 23.10  | cps   |
| Molybdenum | 94-1  | 358     | 392     | 450     | 400     | 11.60  | cps   |
| Molybdenum | 95-1  | 325     | 342     | 475     | 381     | 21.60  | cps   |
| Molybdenum | 96-1  | 633     | 508     | 508     | 550     | 13.12  | cps   |
| Molybdenum | 97-1  | 217     | 217     | 225     | 219     | 2.19   | cps   |
| Molybdenum | 98-1  | 632     | 624     | 641     | 632     | 1.33   | cps   |
| Neodymium  | 150-1 | 7       | 0       | 0       | 2       | 173.21 | cps   |
| Neodymium  | 150-2 | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Nickel     | 60-2  | 50      | 43      | 40      | 44      | 11.46  | cps   |
| Phosphorus | 31-2  | 175     | 208     | 142     | 175     | 19.05  | cps   |
| Potassium  | 39-2  | 24822   | 23829   | 23979   | 24210   | 2.21   | cps   |
| Rhodium    | 103-1 | 7637882 | 7518756 | 7606679 | 7587772 | 0.81   | cps   |
| Rhodium    | 103-2 | 3432773 | 3432493 | 3376991 | 3414085 | 0.94   | cps   |
| Scandium   | 45-1  | 5992457 | 5854271 | 5867997 | 5904908 | 1.29   | cps   |
| Scandium   | 45-2  | 216183  | 208732  | 208454  | 211123  | 2.08   | cps   |
| Selenium   | 82-1  | 9       | 14      | 61      | 28      | 103.78 | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 76      | 69      | 77      | 74      | 5.89   | cps   |
| Silicon    | 28-1  | 805094  | 794200  | 802272  | 800522  | 0.71   | cps   |
| Silver     | 107-1 | 875     | 1100    | 1150    | 1042    | 14.06  | cps   |
| Silver     | 109-1 | 917     | 950     | 900     | 922     | 2.76   | cps   |
| Sodium     | 23-2  | 35293   | 34441   | 35176   | 34970   | 1.32   | cps   |
| Strontium  | 86-1  | 800     | 733     | 725     | 753     | 5.46   | cps   |
| Strontium  | 88-1  | 3117    | 2409    | 2092    | 2539    | 20.67  | cps   |
| Sulfur     | 34-1  | 395685  | 400128  | 397898  | 397904  | 0.56   | cps   |
| Terbium    | 159-1 | 9220178 | 9140468 | 9092018 | 9150888 | 0.71   | cps   |
| Terbium    | 159-2 | 3915357 | 3845903 | 3902364 | 3887875 | 0.95   | cps   |
| Thallium   | 203-1 | 475     | 417     | 400     | 431     | 9.15   | cps   |
| Thallium   | 205-1 | 1158    | 1108    | 1067    | 1111    | 4.13   | cps   |
| Tin        | 118-1 | 900     | 800     | 833     | 844     | 6.03   | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB123428            | Operator :        | Jaswal    |
| Lab Sample ID :        | CCB26               | Instrumnet Name : | P8        |
| Client Sample ID :     | CCB26               | Dilution Factor : | 1         |
| Date & Time Acquired : | 2022-12-22 13:22:54 | DataFile Name :   | 046CCBE.d |

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Titanium  | 47-1  | 275      | 442      | 342      | 353      | 23.78  | cps   |
| Uranium   | 238-1 | 100      | 75       | 100      | 92       | 15.75  | cps   |
| Vanadium  | 51-2  | 7        | 10       | 13       | 10       | 33.30  | cps   |
| Ytterbium | 172-1 | 100      | 25       | 83       | 69       | 56.71  | cps   |
| Ytterbium | 172-2 | 17       | 22       | 33       | 24       | 35.24  | cps   |
| Ytterbium | 176-1 | 1133     | 1250     | 1125     | 1170     | 5.98   | cps   |
| Ytterbium | 176-2 | 9131     | 9709     | 10165    | 9669     | 5.36   | cps   |
| Yttrium   | 89-1  | 13713983 | 14004190 | 13595991 | 13771388 | 1.53   | cps   |
| Yttrium   | 89-2  | 1570882  | 1536529  | 1548174  | 1551862  | 1.13   | cps   |
| Zinc      | 66-2  | 343      | 323      | 343      | 337      | 3.43   | cps   |
| Zirconium | 90-1  | 783      | 675      | 750      | 736      | 7.54   | cps   |
| Zirconium | 91-1  | 142      | 133      | 167      | 147      | 11.78  | cps   |