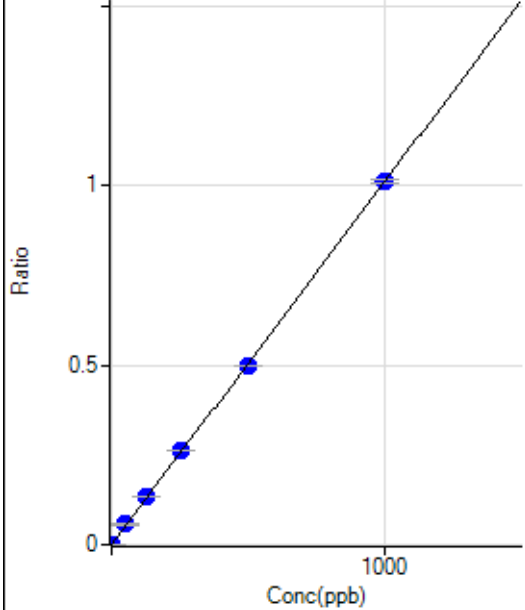


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7103024 MS.b\  
Analysis File: P7103024 MS.batch.bin  
DA Date-Time: 2024-10-30 14:18:48  
Calibration Title:  
Calibration Method: External Calibration  
VIS Interpolation Fit:

| Level | Standard Data File | Sample Name | Acq. Date-Time      |
|-------|--------------------|-------------|---------------------|
| 1     | 004CALB.d          | S00         | 2024-10-30 12:18:29 |
| 2     | 006CALS.d          | S02         | 2024-10-30 12:25:05 |
| 3     | 007CALS.d          | S03         | 2024-10-30 12:28:22 |
| 4     | 008CALS.d          | S04         | 2024-10-30 12:31:33 |
| 5     | 009CALS.d          | S05         | 2024-10-30 12:34:33 |
| 6     | 010CALS.d          | S06         | 2024-10-30 12:37:28 |
| 7     | 011CALS.d          | S07         | 2024-10-30 12:40:14 |
| 8     | 012CALS.d          | S08         | 2024-10-30 12:43:00 |

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 14.44     | 0.0000 | P    | 53.2 |
| 2 | <input type="checkbox"/> | 1.000    | 1.030      | 530.01    | 0.0011 | P    | 4.1  |
| 3 | <input type="checkbox"/> | 50.000   | 56.032     | 28455.01  | 0.0566 | P    | 4.7  |
| 4 | <input type="checkbox"/> | 125.000  | 133.756    | 73163.31  | 0.1350 | P    | 0.8  |
| 5 | <input type="checkbox"/> | 250.000  | 259.566    | 151580.77 | 0.2620 | P    | 1.4  |
| 6 | <input type="checkbox"/> | 500.000  | 492.334    | 308432.19 | 0.4969 | P    | 0.8  |
| 7 | <input type="checkbox"/> | 1000.000 | 1000.045   | 634120.86 | 1.0093 | P    | 1.0  |
| 8 | <input type="checkbox"/> |          |            | 100.00    | 0.0002 | P    | 7.8  |

$y = 0.0010 * x + 2.6774E-005$

R = 0.9999

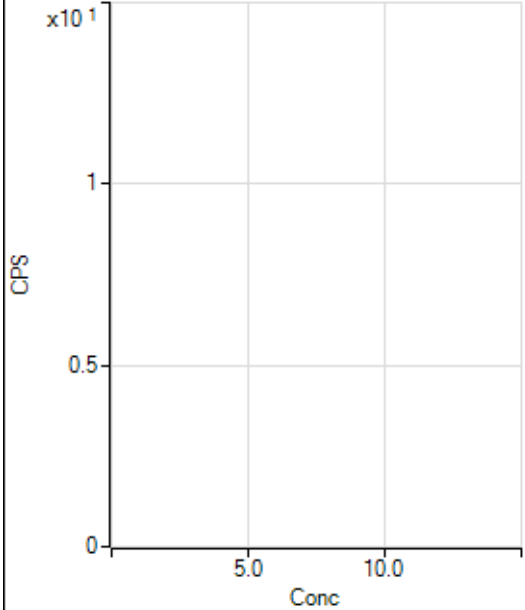
DL = 0.04237

BEC = 0.02653

Weight: <None>

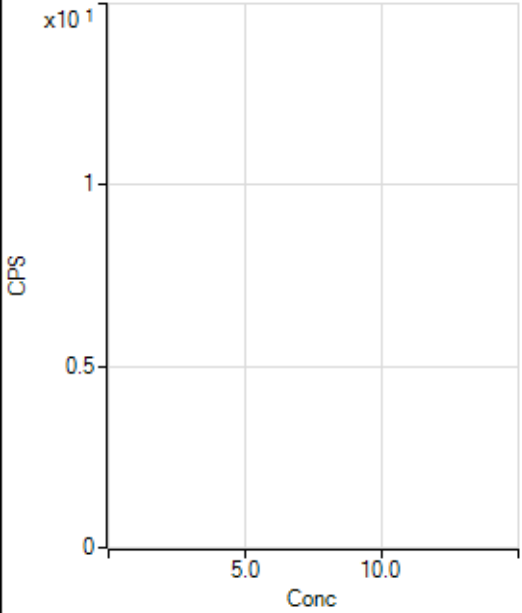
Min Conc: 0

12 C [No Gas] No available calibration points



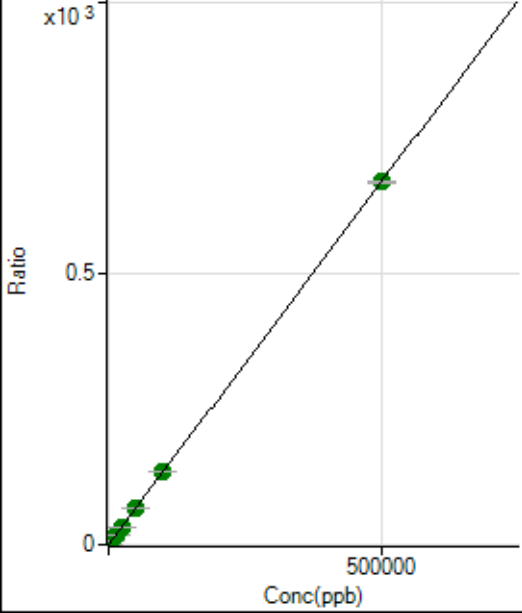
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS | Ratio | Det. | RSD |
|---|--------------------------|-------|------------|-----|-------|------|-----|
| 1 | <input type="checkbox"/> |       |            |     |       |      |     |
| 2 | <input type="checkbox"/> |       |            |     |       |      |     |
| 3 | <input type="checkbox"/> |       |            |     |       |      |     |
| 4 | <input type="checkbox"/> |       |            |     |       |      |     |
| 5 | <input type="checkbox"/> |       |            |     |       |      |     |
| 6 | <input type="checkbox"/> |       |            |     |       |      |     |
| 7 | <input type="checkbox"/> |       |            |     |       |      |     |
| 8 | <input type="checkbox"/> |       |            |     |       |      |     |

12 C [He] No available calibration points



|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            |     |       |          |     |
| 2 | <input type="checkbox"/> |       |            |     |       |          |     |
| 3 | <input type="checkbox"/> |       |            |     |       |          |     |
| 4 | <input type="checkbox"/> |       |            |     |       |          |     |
| 5 | <input type="checkbox"/> |       |            |     |       |          |     |
| 6 | <input type="checkbox"/> |       |            |     |       |          |     |
| 7 | <input type="checkbox"/> |       |            |     |       |          |     |
| 8 | <input type="checkbox"/> |       |            |     |       |          |     |

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      | 31445.47    | 0.1053   | P        | 1.1 |
| 2 | <input type="checkbox"/> | 500.000   | 493.978    | 223707.42   | 0.7667   | P        | 0.7 |
| 3 | <input type="checkbox"/> | 5000.000  | 5005.219   | 1999375.25  | 6.8068   | A        | 1.5 |
| 4 | <input type="checkbox"/> | 12500.000 | 12265.134  | 4746665.93  | 16.5272  | A        | 0.6 |
| 5 | <input type="checkbox"/> | 25000.000 | 24765.290  | 9427426.32  | 33.2639  | A        | 0.6 |
| 6 | <input type="checkbox"/> | 50000.000 | 50198.624  | 18653460.97 | 67.3169  | A        | 0.6 |
| 7 | <input type="checkbox"/> | 100000.00 | 100800.96  | 37611898.61 | 135.0691 | A        | 0.6 |
| 8 | <input type="checkbox"/> | 500000.00 | 499837.50  | 190830343.8 | 669.3448 | A        | 0.3 |

y = 0.0013 \* x + 0.1053

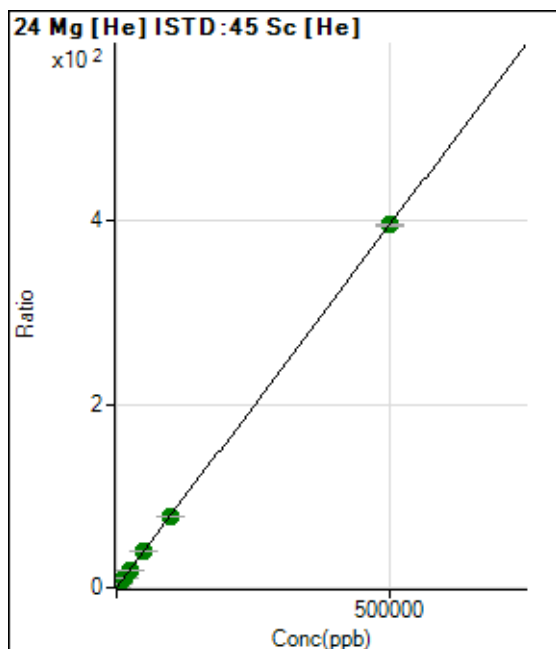
R = 1.0000

DL = 2.694

BEC = 78.63

Weight: <None>

Min Conc: 0



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio    | Det<br>. | RSD |
|---|--------------------------|-----------|------------|-------------|----------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 303.34      | 0.0010   | P        | 7.5 |
| 2 | <input type="checkbox"/> | 500.000   | 506.178    | 117048.83   | 0.4011   | P        | 0.9 |
| 3 | <input type="checkbox"/> | 5000.000  | 4908.148   | 1139897.52  | 3.8809   | A        | 0.7 |
| 4 | <input type="checkbox"/> | 12500.000 | 12198.445  | 2769717.29  | 9.6438   | A        | 0.2 |
| 5 | <input type="checkbox"/> | 25000.000 | 24318.457  | 5448647.14  | 19.2245  | A        | 0.3 |
| 6 | <input type="checkbox"/> | 50000.000 | 49361.931  | 10812661.99 | 39.0211  | A        | 0.8 |
| 7 | <input type="checkbox"/> | 100000.00 | 98687.243  | 21724158.43 | 78.0123  | A        | 0.9 |
| 8 | <input type="checkbox"/> | 500000.00 | 500368.88  | 112766464.9 | 395.5378 | A        | 0.6 |

$$y = 7.9049E-004 * x + 0.0010$$

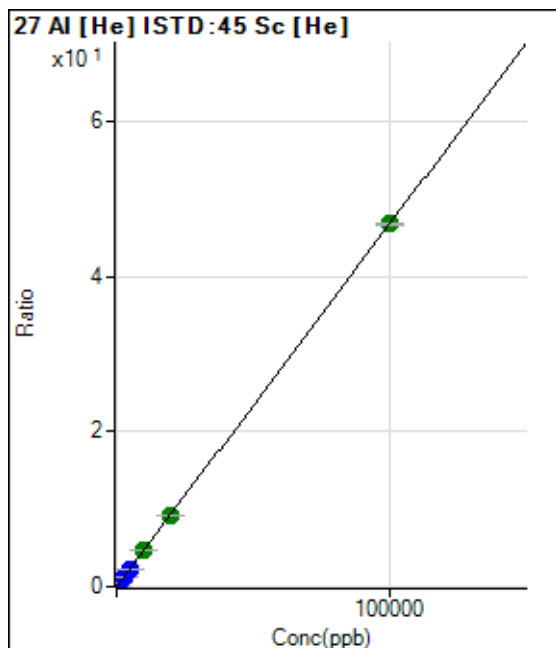
R = 1.0000

DL = 0.2898

BEC = 1.285

Weight: <None>

Min Conc: 0



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio   | Det<br>. | RSD  |
|---|--------------------------|-----------|------------|-------------|---------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 222.22      | 0.0007  | P        | 21.2 |
| 2 | <input type="checkbox"/> | 20.000    | 18.781     | 2783.61     | 0.0095  | P        | 2.2  |
| 3 | <input type="checkbox"/> | 1000.000  | 1020.023   | 140529.00   | 0.4784  | P        | 0.5  |
| 4 | <input type="checkbox"/> | 2500.000  | 2508.510   | 337615.47   | 1.1755  | P        | 0.7  |
| 5 | <input type="checkbox"/> | 5000.000  | 4989.436   | 662438.77   | 2.3374  | P        | 0.9  |
| 6 | <input type="checkbox"/> | 10000.000 | 9942.319   | 1290406.72  | 4.6570  | A        | 1.8  |
| 7 | <input type="checkbox"/> | 20000.000 | 19621.032  | 2559035.50  | 9.1897  | A        | 0.8  |
| 8 | <input type="checkbox"/> | 100000.00 | 100081.67  | 13363043.83 | 46.8713 | A        | 0.5  |

$$y = 4.6832E-004 * x + 7.4388E-004$$

R = 1.0000

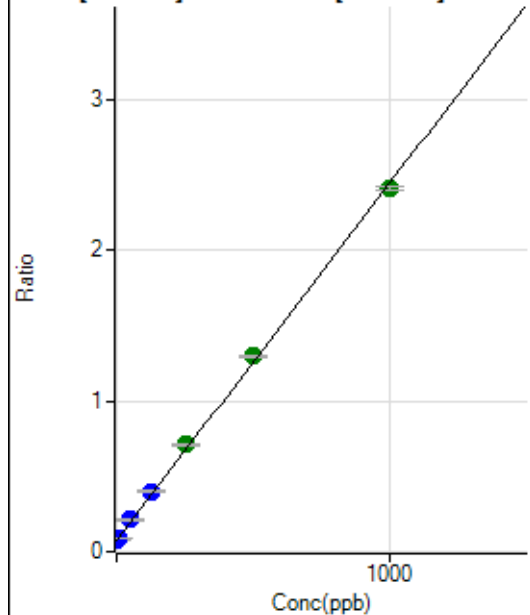
DL = 1.01

BEC = 1.588

Weight: <None>

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det | RSD |
|---|--------------------------|----------|------------|------------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 191356.20  | 0.0739 | P   | 1.5 |
| 2 | <input type="checkbox"/> | 10.000   | 5.385      | 211380.92  | 0.0867 | P   | 1.2 |
| 3 | <input type="checkbox"/> | 50.000   | 57.897     | 510306.56  | 0.2110 | P   | 2.7 |
| 4 | <input type="checkbox"/> | 125.000  | 137.483    | 971469.99  | 0.3995 | P   | 1.3 |
| 5 | <input type="checkbox"/> | 250.000  | 268.467    | 1739066.05 | 0.7097 | A   | 1.7 |
| 6 | <input type="checkbox"/> | 500.000  | 517.481    | 3157359.74 | 1.2993 | A   | 0.8 |
| 7 | <input type="checkbox"/> | 1000.000 | 984.734    | 5810396.72 | 2.4058 | A   | 1.0 |
| 8 | <input type="checkbox"/> |          |            | 229414.98  | 0.0944 | P   | 0.7 |

$$y = 0.0024 * x + 0.0739$$

$$R = 0.9995$$

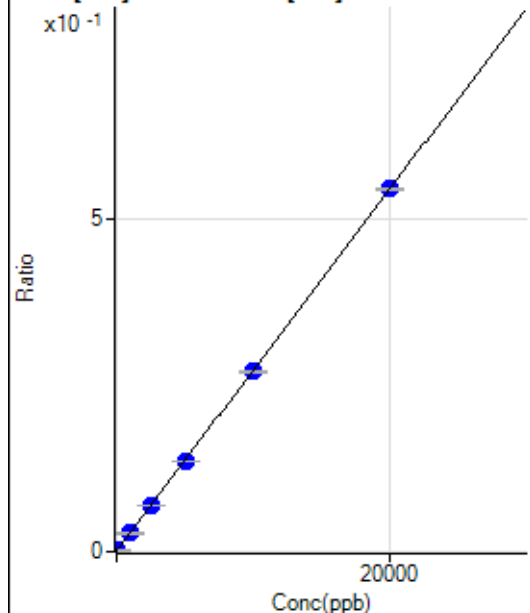
$$DL = 1.4$$

$$BEC = 31.22$$

Weight: <None>

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     | -18.685    | 134.45    | 0.0005 | P   | 20.2 |
| 2 | <input type="checkbox"/> | 0.000     | 18.685     | 427.79    | 0.0015 | P   | 3.2  |
| 3 | <input type="checkbox"/> | 1000.000  | 980.473    | 8110.00   | 0.0276 | P   | 1.5  |
| 4 | <input type="checkbox"/> | 2500.000  | 2508.928   | 19862.94  | 0.0692 | P   | 1.0  |
| 5 | <input type="checkbox"/> | 5000.000  | 4989.273   | 38708.91  | 0.1366 | P   | 0.8  |
| 6 | <input type="checkbox"/> | 10000.000 | 9938.381   | 75127.74  | 0.2711 | P   | 0.6  |
| 7 | <input type="checkbox"/> | 20000.000 | 20033.352  | 151915.40 | 0.5455 | P   | 0.5  |
| 8 | <input type="checkbox"/> |           |            | 174.45    | 0.0006 | P   | 7.4  |

$$y = 2.7183E-005 * x + 9.5808E-004$$

$$R = 1.0000$$

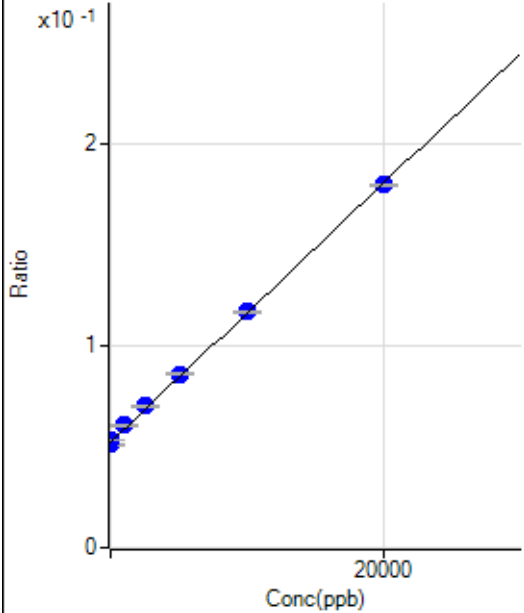
$$DL = 7.624$$

$$BEC = 35.25$$

Weight: <None>

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS       | Ratio  | Det | RSD |
|---|--------------------------|-----------|------------|-----------|--------|-----|-----|
| 1 | <input type="checkbox"/> | 0.000     | -180.605   | 131850.23 | 0.0509 | P   | 1.1 |
| 2 | <input type="checkbox"/> | 0.000     | 180.605    | 129855.70 | 0.0533 | P   | 1.4 |
| 3 | <input type="checkbox"/> | 1000.000  | 1316.059   | 146358.07 | 0.0605 | P   | 2.4 |
| 4 | <input type="checkbox"/> | 2500.000  | 2770.117   | 169834.06 | 0.0698 | P   | 0.5 |
| 5 | <input type="checkbox"/> | 5000.000  | 5275.263   | 210466.36 | 0.0859 | P   | 1.0 |
| 6 | <input type="checkbox"/> | 10000.000 | 10064.530  | 283268.20 | 0.1166 | P   | 0.8 |
| 7 | <input type="checkbox"/> | 20000.000 | 19849.352  | 432933.26 | 0.1793 | P   | 0.4 |
| 8 | <input type="checkbox"/> |           |            | 124817.04 | 0.0514 | P   | 6.0 |

$y = 6.4065E-006 * x + 0.0521$

$R = 0.9997$

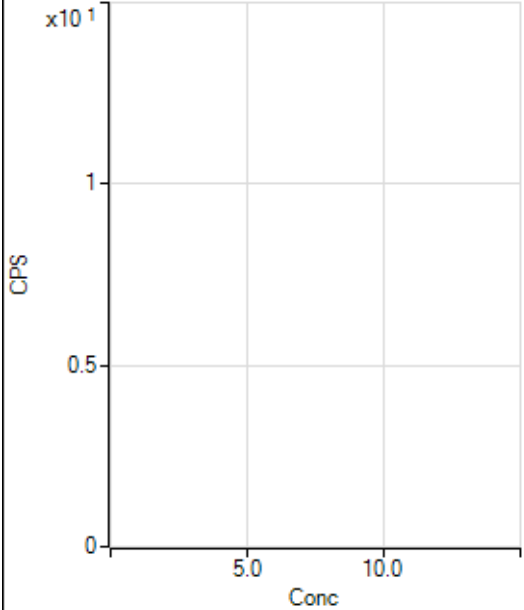
$DL = 302.9$

$BEC = 8132$

Weight: <None>

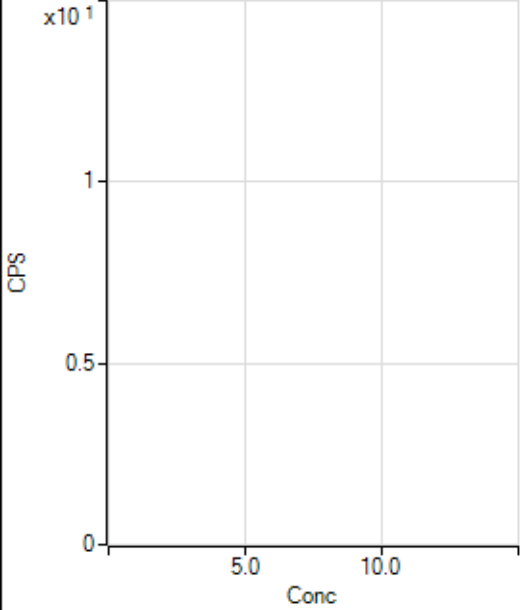
Min Conc: 0

35 Cl [No Gas] No available calibration points



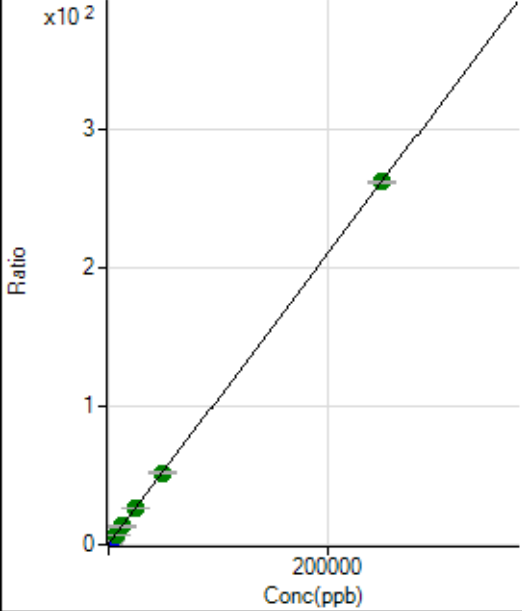
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS | Ratio | Det | RSD |
|---|--------------------------|-------|------------|-----|-------|-----|-----|
| 1 | <input type="checkbox"/> |       |            |     |       |     |     |
| 2 | <input type="checkbox"/> |       |            |     |       |     |     |
| 3 | <input type="checkbox"/> |       |            |     |       |     |     |
| 4 | <input type="checkbox"/> |       |            |     |       |     |     |
| 5 | <input type="checkbox"/> |       |            |     |       |     |     |
| 6 | <input type="checkbox"/> |       |            |     |       |     |     |
| 7 | <input type="checkbox"/> |       |            |     |       |     |     |
| 8 | <input type="checkbox"/> |       |            |     |       |     |     |

35 Cl [ He] No available calibration points



|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            |     |       |          |     |
| 2 | <input type="checkbox"/> |       |            |     |       |          |     |
| 3 | <input type="checkbox"/> |       |            |     |       |          |     |
| 4 | <input type="checkbox"/> |       |            |     |       |          |     |
| 5 | <input type="checkbox"/> |       |            |     |       |          |     |
| 6 | <input type="checkbox"/> |       |            |     |       |          |     |
| 7 | <input type="checkbox"/> |       |            |     |       |          |     |
| 8 | <input type="checkbox"/> |       |            |     |       |          |     |

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      | 81983.52    | 0.2745   | P        | 0.5 |
| 2 | <input type="checkbox"/> | 500.000   | 514.576    | 237476.33   | 0.8139   | P        | 0.4 |
| 3 | <input type="checkbox"/> | 2500.000  | 2712.764   | 915817.75   | 3.1180   | P        | 0.1 |
| 4 | <input type="checkbox"/> | 6250.000  | 6315.172   | 1979987.38  | 6.8940   | A        | 0.6 |
| 5 | <input type="checkbox"/> | 12500.000 | 12366.615  | 3751540.64  | 13.2370  | A        | 0.6 |
| 6 | <input type="checkbox"/> | 25000.000 | 24779.644  | 7273492.67  | 26.2482  | A        | 0.5 |
| 7 | <input type="checkbox"/> | 50000.000 | 49497.024  | 14523869.51 | 52.1567  | A        | 0.6 |
| 8 | <input type="checkbox"/> | 250000.00 | 250125.51  | 74825632.77 | 262.4532 | A        | 0.4 |

y = 0.0010 \* x + 0.2745

R = 1.0000

DL = 3.704

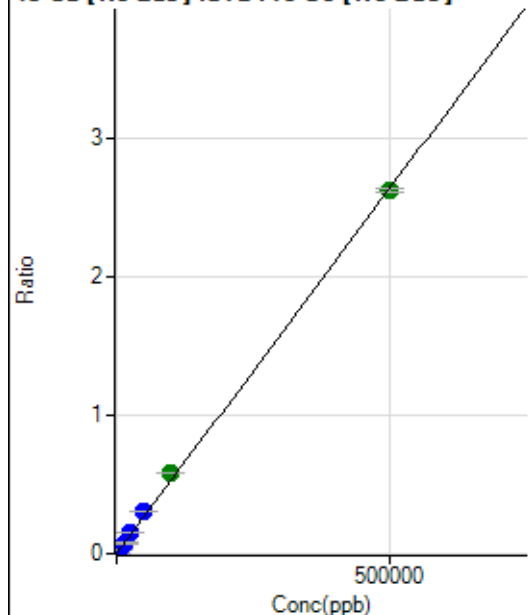
BEC = 261.9

Weight: <None>

Min Conc: 0

Calibration for 011CALS.d

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      | 191.12     | 0.0001 | P    | 13.1 |
| 2 | <input type="checkbox"/> | 500.000   | 486.791    | 6444.75    | 0.0026 | P    | 1.7  |
| 3 | <input type="checkbox"/> | 5000.000  | 5883.711   | 75242.09   | 0.0311 | P    | 4.8  |
| 4 | <input type="checkbox"/> | 12500.000 | 14466.522  | 185825.41  | 0.0764 | P    | 0.6  |
| 5 | <input type="checkbox"/> | 25000.000 | 28561.315  | 369543.73  | 0.1508 | P    | 1.9  |
| 6 | <input type="checkbox"/> | 50000.000 | 57043.178  | 731767.26  | 0.3011 | P    | 0.9  |
| 7 | <input type="checkbox"/> | 100000.00 | 110521.67  | 1408840.17 | 0.5833 | A    | 1.7  |
| 8 | <input type="checkbox"/> | 500000.00 | 496955.29  | 6372326.85 | 2.6226 | A    | 1.0  |

$$y = 5.2773\text{E-}006 * x + 7.3814\text{E-}005$$

$$R = 0.9997$$

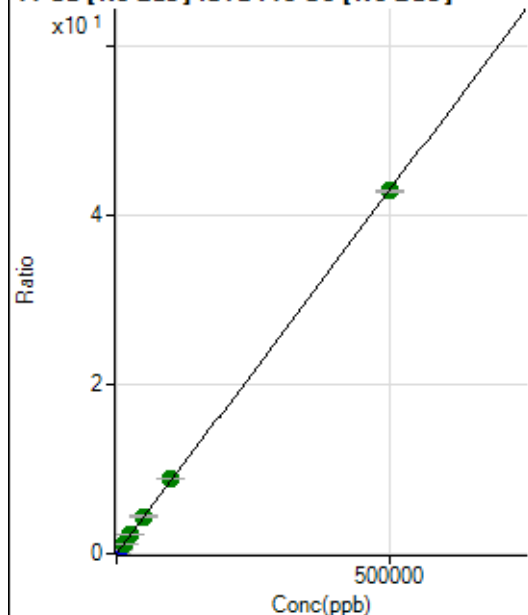
$$DL = 5.495$$

$$BEC = 13.99$$

Weight: <None>

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      | 13251.61    | 0.0051  | P    | 1.3 |
| 2 | <input type="checkbox"/> | 500.000   | 493.171    | 115675.80   | 0.0474  | P    | 0.7 |
| 3 | <input type="checkbox"/> | 5000.000  | 5568.404   | 1167568.24  | 0.4829  | P    | 2.9 |
| 4 | <input type="checkbox"/> | 12500.000 | 13122.306  | 2750098.22  | 1.1309  | A    | 1.5 |
| 5 | <input type="checkbox"/> | 25000.000 | 25935.427  | 5465048.60  | 2.2302  | A    | 0.4 |
| 6 | <input type="checkbox"/> | 50000.000 | 51390.850  | 10728256.30 | 4.4141  | A    | 1.9 |
| 7 | <input type="checkbox"/> | 100000.00 | 103642.32  | 21487216.35 | 8.8970  | A    | 0.3 |
| 8 | <input type="checkbox"/> | 500000.00 | 499064.44  | 104048061.7 | 42.8217 | A    | 0.6 |

$$y = 8.5794\text{E-}005 * x + 0.0051$$

$$R = 1.0000$$

$$DL = 2.394$$

$$BEC = 59.67$$

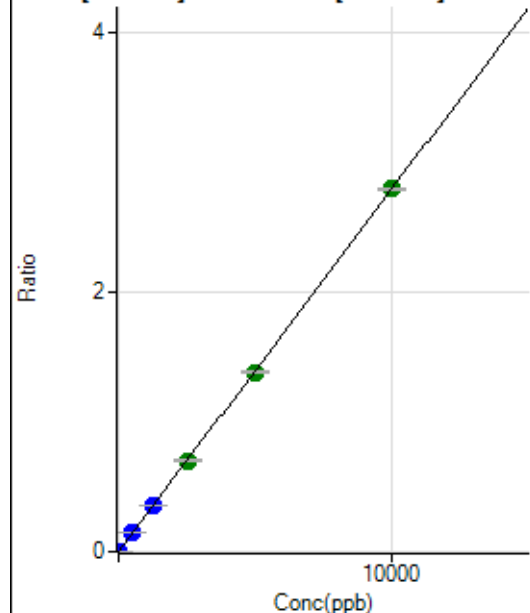
Weight: <None>

Min Conc: 0



Calibration for 011CALS.d

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|-----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 100.00     | 0.0000 | P    | 21.2 |
| 2 | <input type="checkbox"/> | 5.000     | 4.402      | 3090.34    | 0.0013 | P    | 1.5  |
| 3 | <input type="checkbox"/> | 500.000   | 515.290    | 347763.86  | 0.1438 | P    | 3.0  |
| 4 | <input type="checkbox"/> | 1250.000  | 1267.515   | 860176.04  | 0.3537 | P    | 1.1  |
| 5 | <input type="checkbox"/> | 2500.000  | 2519.595   | 1722942.27 | 0.7031 | A    | 0.8  |
| 6 | <input type="checkbox"/> | 5000.000  | 4956.363   | 3361305.99 | 1.3831 | A    | 1.3  |
| 7 | <input type="checkbox"/> | 10000.000 | 10013.966  | 6748737.75 | 2.7943 | A    | 0.6  |
| 8 | <input type="checkbox"/> |           |            | 1011.16    | 0.0004 | P    | 1.4  |

$$y = 2.7904E-004 * x + 3.8689E-005$$

$$R = 1.0000$$

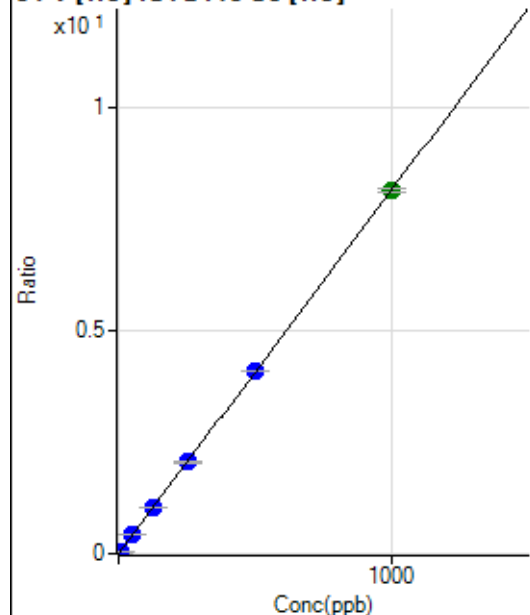
$$DL = 0.08798$$

$$BEC = 0.1387$$

Weight: <None>

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 12.22      | 0.0000 | P    | 56.6 |
| 2 | <input type="checkbox"/> | 5.000    | 4.897      | 11660.15   | 0.0400 | P    | 0.7  |
| 3 | <input type="checkbox"/> | 50.000   | 50.780     | 121587.29  | 0.4140 | P    | 0.7  |
| 4 | <input type="checkbox"/> | 125.000  | 126.285    | 295642.99  | 1.0294 | P    | 0.5  |
| 5 | <input type="checkbox"/> | 250.000  | 251.595    | 581209.75  | 2.0508 | P    | 1.0  |
| 6 | <input type="checkbox"/> | 500.000  | 502.787    | 1135638.13 | 4.0983 | P    | 0.3  |
| 7 | <input type="checkbox"/> | 1000.000 | 998.008    | 2265218.70 | 8.1348 | A    | 1.0  |
| 8 | <input type="checkbox"/> |          |            | 528.90     | 0.0019 | P    | 8.4  |

$$y = 0.0082 * x + 4.0894E-005$$

$$R = 1.0000$$

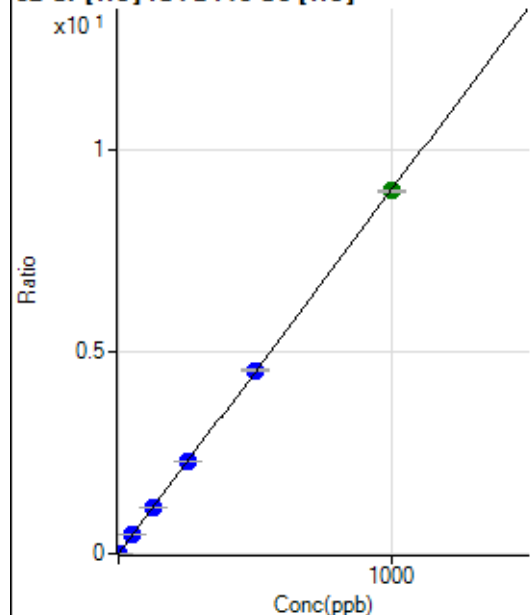
$$DL = 0.008525$$

$$BEC = 0.005017$$

Weight: <None>

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      | 615.58     | 0.0021 | P        | 7.6  |
| 2 | <input type="checkbox"/> | 2.000    | 2.034      | 5957.90    | 0.0204 | P        | 0.3  |
| 3 | <input type="checkbox"/> | 50.000   | 51.273     | 136492.00  | 0.4647 | P        | 0.6  |
| 4 | <input type="checkbox"/> | 125.000  | 127.489    | 330970.53  | 1.1524 | P        | 0.6  |
| 5 | <input type="checkbox"/> | 250.000  | 252.304    | 645805.64  | 2.2786 | P        | 0.2  |
| 6 | <input type="checkbox"/> | 500.000  | 503.285    | 1258920.36 | 4.5432 | P        | 1.1  |
| 7 | <input type="checkbox"/> | 1000.000 | 997.407    | 2506612.39 | 9.0017 | A        | 0.8  |
| 8 | <input type="checkbox"/> |          |            | 10108.88   | 0.0355 | P        | 18.2 |

$$y = 0.0090 * x + 0.0021$$

$$R = 1.0000$$

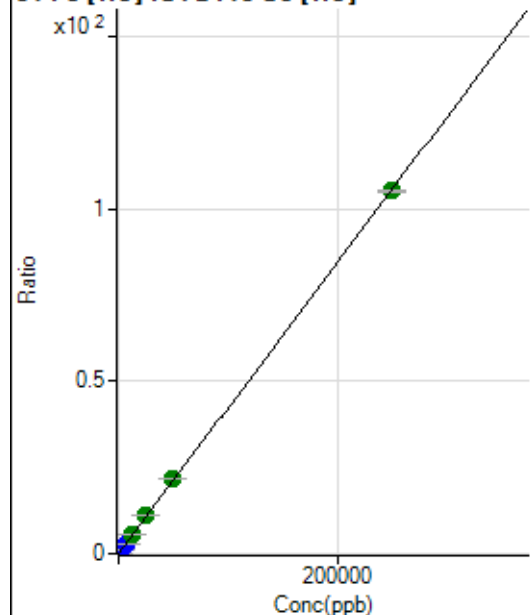
$$DL = 0.05236$$

$$BEC = 0.2285$$

Weight: <None>

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      | 1323.41     | 0.0044   | P        | 2.5 |
| 2 | <input type="checkbox"/> | 50.000    | 56.009     | 8194.53     | 0.0281   | P        | 1.4 |
| 3 | <input type="checkbox"/> | 2500.000  | 2706.546   | 337026.92   | 1.1474   | P        | 0.3 |
| 4 | <input type="checkbox"/> | 6250.000  | 6734.515   | 818081.31   | 2.8485   | P        | 1.0 |
| 5 | <input type="checkbox"/> | 12500.000 | 12918.027  | 1547375.51  | 5.4598   | A        | 1.1 |
| 6 | <input type="checkbox"/> | 25000.000 | 25863.074  | 3027762.18  | 10.9266  | A        | 0.5 |
| 7 | <input type="checkbox"/> | 50000.000 | 51556.271  | 6064302.34  | 21.7771  | A        | 0.3 |
| 8 | <input type="checkbox"/> | 250000.00 | 249567.35  | 30049307.05 | 105.3989 | A        | 0.2 |

$$y = 4.2231E-004 * x + 0.0044$$

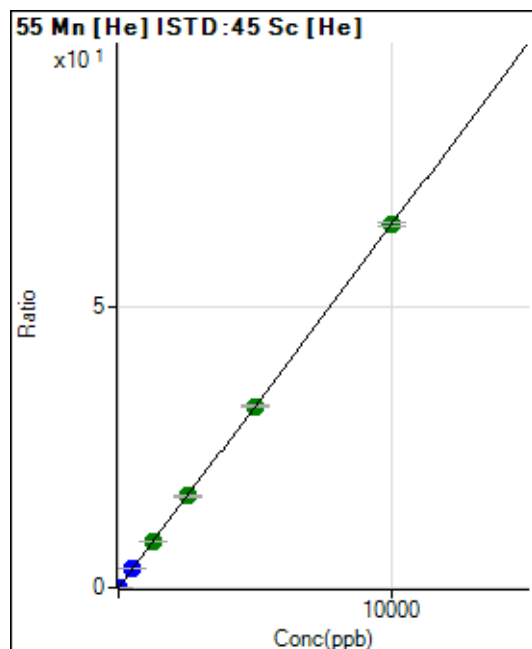
$$R = 1.0000$$

$$DL = 0.7913$$

$$BEC = 10.49$$

Weight: <None>

Min Conc: 0



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio   | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 333.34      | 0.0011  | P    | 11.3 |
| 2 | <input type="checkbox"/> | 1.000     | 1.010      | 2237.97     | 0.0077  | P    | 3.0  |
| 3 | <input type="checkbox"/> | 500.000   | 511.445    | 975016.44   | 3.3195  | P    | 0.3  |
| 4 | <input type="checkbox"/> | 1250.000  | 1254.192   | 2337434.52  | 8.1387  | A    | 1.1  |
| 5 | <input type="checkbox"/> | 2500.000  | 2519.461   | 4633524.79  | 16.3482 | A    | 0.6  |
| 6 | <input type="checkbox"/> | 5000.000  | 5003.850   | 8996687.09  | 32.4677 | A    | 1.4  |
| 7 | <input type="checkbox"/> | 10000.000 | 9992.114   | 18053171.95 | 64.8332 | A    | 1.1  |
| 8 | <input type="checkbox"/> |           |            | 9626.47     | 0.0338  | P    | 0.8  |

$$y = 0.0065 * x + 0.0011$$

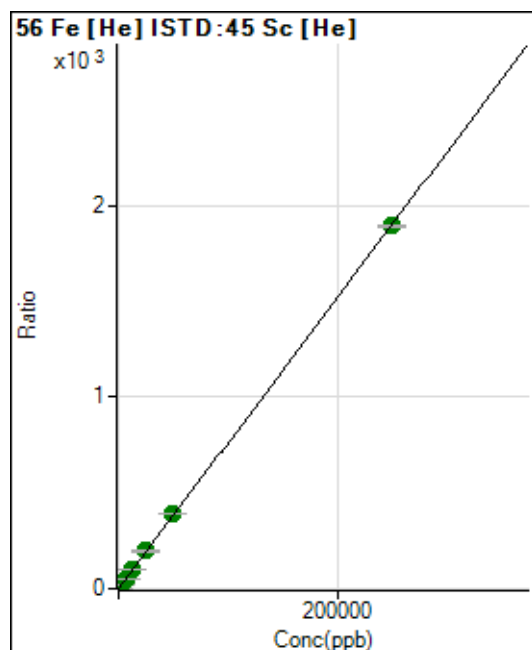
$$R = 1.0000$$

$$DL = 0.05838$$

$$BEC = 0.172$$

Weight: <None>

Min Conc: 0



|   | R <sub>j</sub><br>ct     | Conc.     | Calc Conc. | CPS         | Ratio     | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|-----------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 10027.87    | 0.0336    | P    | 2.8 |
| 2 | <input type="checkbox"/> | 50.000    | 51.577     | 124093.63   | 0.4253    | P    | 0.6 |
| 3 | <input type="checkbox"/> | 2500.000  | 2588.312   | 5783780.19  | 19.6912   | A    | 0.6 |
| 4 | <input type="checkbox"/> | 6250.000  | 6423.228   | 14020152.01 | 48.8166   | A    | 0.8 |
| 5 | <input type="checkbox"/> | 12500.000 | 12859.448  | 27688229.03 | 97.6982   | A    | 1.0 |
| 6 | <input type="checkbox"/> | 25000.000 | 25813.491  | 54334044.19 | 196.0813  | A    | 0.8 |
| 7 | <input type="checkbox"/> | 50000.000 | 51215.810  | 108324066.1 | 389.0062  | A    | 1.0 |
| 8 | <input type="checkbox"/> | 250000.00 | 249652.30  | 540571396.3 | 1,896.087 | A    | 0.2 |

$$y = 0.0076 * x + 0.0336$$

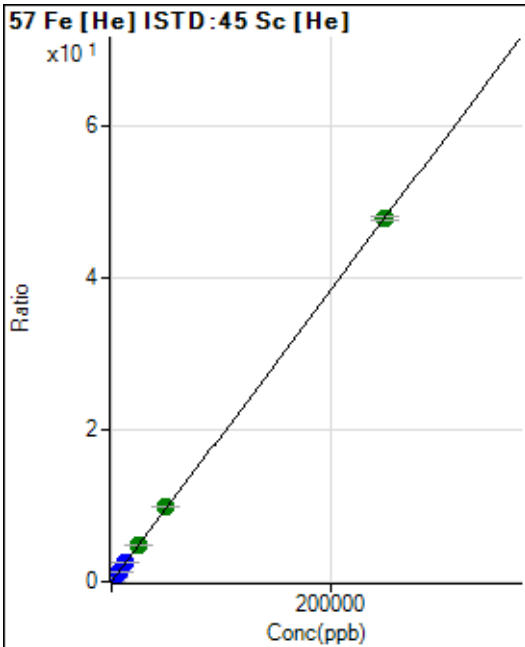
$$R = 1.0000$$

$$DL = 0.366$$

$$BEC = 4.421$$

Weight: <None>

Min Conc: 0



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio   | Det<br>. | RSD |
|---|--------------------------|-----------|------------|-------------|---------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 2871.41     | 0.0096  | P        | 2.6 |
| 2 | <input type="checkbox"/> | 50.000    | 55.086     | 5880.08     | 0.0202  | P        | 3.5 |
| 3 | <input type="checkbox"/> | 2500.000  | 2641.124   | 151235.25   | 0.5149  | P        | 0.4 |
| 4 | <input type="checkbox"/> | 6250.000  | 6642.836   | 367751.94   | 1.2805  | P        | 1.2 |
| 5 | <input type="checkbox"/> | 12500.000 | 13196.595  | 718248.70   | 2.5343  | P        | 0.7 |
| 6 | <input type="checkbox"/> | 25000.000 | 25431.835  | 1350889.78  | 4.8751  | A        | 0.6 |
| 7 | <input type="checkbox"/> | 50000.000 | 51111.791  | 2725592.91  | 9.7880  | A        | 0.7 |
| 8 | <input type="checkbox"/> | 250000.00 | 249688.39  | 13621396.46 | 47.7783 | A        | 0.9 |

$y = 1.9131E-004 * x + 0.0096$

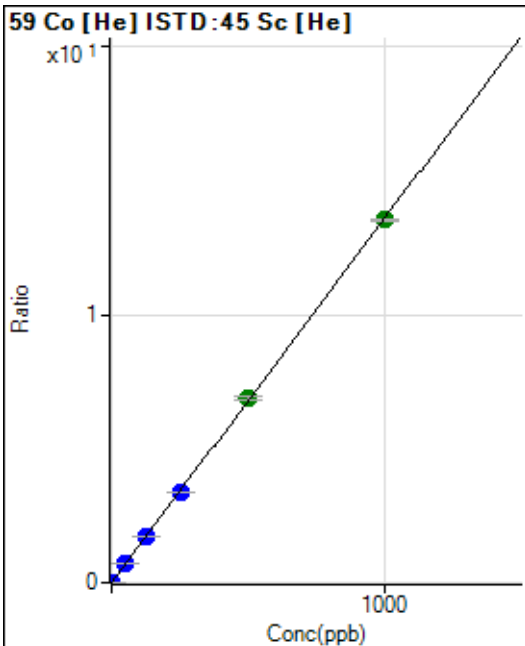
R = 1.0000

DL = 3.88

BEC = 50.25

Weight: <None>

Min Conc: 0



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio   | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|---------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 102.22     | 0.0003  | P        | 13.2 |
| 2 | <input type="checkbox"/> | 1.000    | 0.994      | 4039.47    | 0.0138  | P        | 1.8  |
| 3 | <input type="checkbox"/> | 50.000   | 50.356     | 201056.08  | 0.6845  | P        | 0.2  |
| 4 | <input type="checkbox"/> | 125.000  | 124.578    | 486211.69  | 1.6929  | P        | 0.5  |
| 5 | <input type="checkbox"/> | 250.000  | 248.529    | 957051.82  | 3.3770  | P        | 1.1  |
| 6 | <input type="checkbox"/> | 500.000  | 508.393    | 1914039.69 | 6.9077  | A        | 2.1  |
| 7 | <input type="checkbox"/> | 1000.000 | 996.206    | 3769219.29 | 13.5354 | A        | 0.3  |
| 8 | <input type="checkbox"/> |          |            | 10335.86   | 0.0363  | P        | 3.1  |

$y = 0.0136 * x + 3.4214E-004$

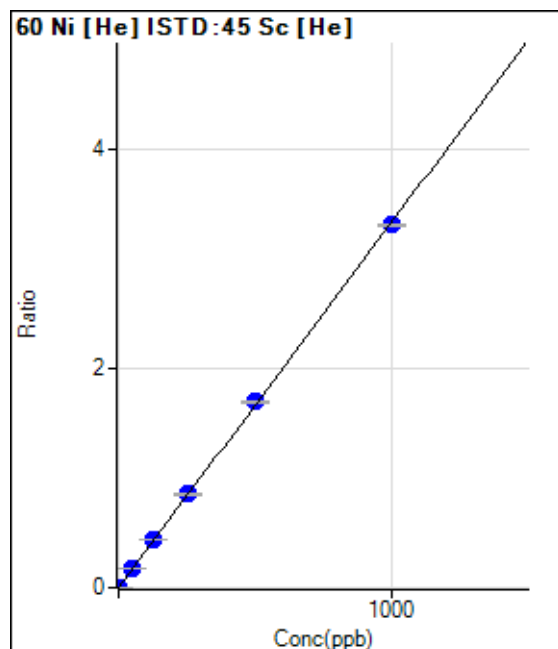
R = 0.9999

DL = 0.009994

BEC = 0.02518

Weight: <None>

Min Conc: 0



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 91.11     | 0.0003 | P    | 20.5 |
| 2 | <input type="checkbox"/> | 1.000    | 1.052      | 1112.27   | 0.0038 | P    | 8.3  |
| 3 | <input type="checkbox"/> | 50.000   | 52.244     | 51256.15  | 0.1745 | P    | 0.9  |
| 4 | <input type="checkbox"/> | 125.000  | 129.622    | 124219.41 | 0.4325 | P    | 1.1  |
| 5 | <input type="checkbox"/> | 250.000  | 255.886    | 241892.98 | 0.8535 | P    | 1.2  |
| 6 | <input type="checkbox"/> | 500.000  | 508.767    | 470162.04 | 1.6967 | P    | 1.0  |
| 7 | <input type="checkbox"/> | 1000.000 | 993.455    | 922529.61 | 3.3129 | P    | 0.5  |
| 8 | <input type="checkbox"/> |          |            | 4560.74   | 0.0160 | P    | 2.2  |

$$y = 0.0033 * x + 3.0518E-004$$

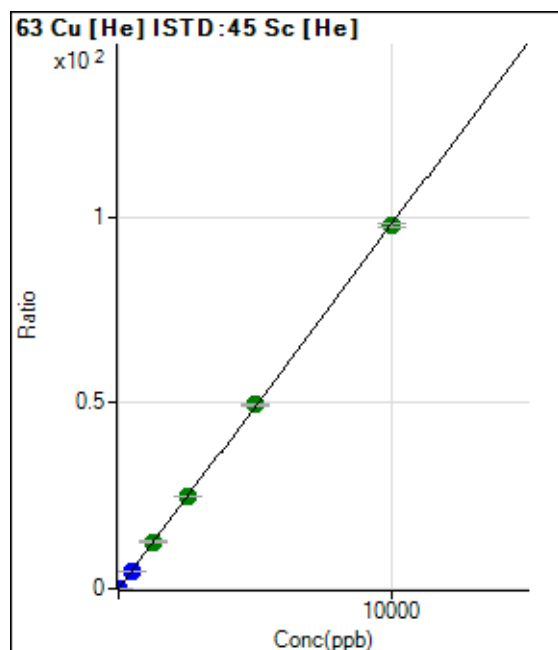
$$R = 0.9999$$

$$DL = 0.05632$$

$$BEC = 0.09152$$

Weight: <None>

Min Conc: 0



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio   | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|---------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 1024.49     | 0.0034  | P    | 3.6 |
| 2 | <input type="checkbox"/> | 2.000     | 1.855      | 6304.72     | 0.0216  | P    | 2.9 |
| 3 | <input type="checkbox"/> | 500.000   | 497.722    | 1433225.05  | 4.8796  | P    | 0.6 |
| 4 | <input type="checkbox"/> | 1250.000  | 1292.912   | 3638868.80  | 12.6700 | A    | 1.0 |
| 5 | <input type="checkbox"/> | 2500.000  | 2536.504   | 7043837.74  | 24.8534 | A    | 0.5 |
| 6 | <input type="checkbox"/> | 5000.000  | 5053.174   | 13718838.27 | 49.5091 | A    | 0.8 |
| 7 | <input type="checkbox"/> | 10000.000 | 9959.037   | 27170125.43 | 97.5715 | A    | 1.0 |
| 8 | <input type="checkbox"/> |           |            | 7430.80     | 0.0261  | P    | 0.6 |

$$y = 0.0098 * x + 0.0034$$

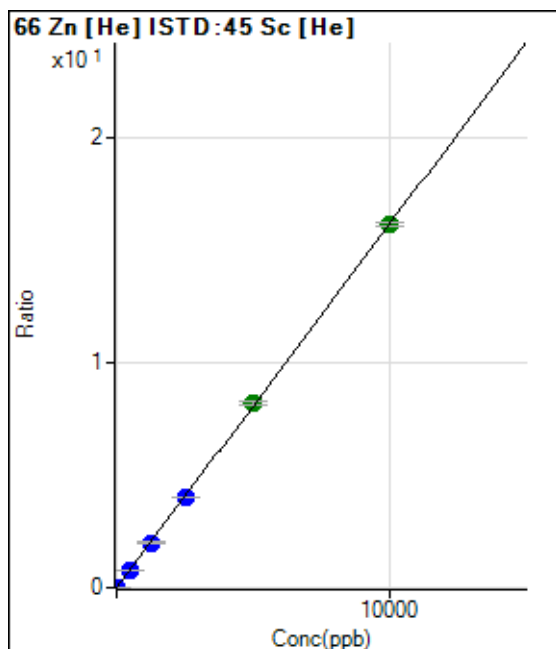
$$R = 1.0000$$

$$DL = 0.03814$$

$$BEC = 0.3501$$

Weight: <None>

Min Conc: 0



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS        | Ratio   | Det<br>. | RSD |
|---|--------------------------|-----------|------------|------------|---------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 374.45     | 0.0013  | P        | 8.9 |
| 2 | <input type="checkbox"/> | 2.000     | 4.888      | 2670.26    | 0.0092  | P        | 4.0 |
| 3 | <input type="checkbox"/> | 500.000   | 496.833    | 236180.09  | 0.8041  | P        | 0.5 |
| 4 | <input type="checkbox"/> | 1250.000  | 1239.503   | 575610.89  | 2.0042  | P        | 0.6 |
| 5 | <input type="checkbox"/> | 2500.000  | 2470.637   | 1131839.28 | 3.9936  | P        | 0.7 |
| 6 | <input type="checkbox"/> | 5000.000  | 5055.802   | 2264125.61 | 8.1711  | A        | 2.1 |
| 7 | <input type="checkbox"/> | 10000.000 | 9980.910   | 4491413.82 | 16.1297 | A        | 1.1 |
| 8 | <input type="checkbox"/> |           |            | 4529.62    | 0.0159  | P        | 1.1 |

$$y = 0.0016 * x + 0.0013$$

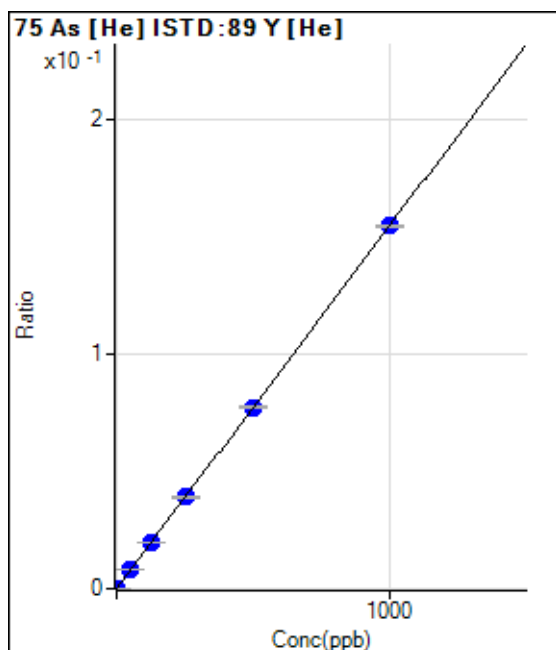
$$R = 1.0000$$

$$DL = 0.2063$$

$$BEC = 0.7757$$

Weight: <None>

Min Conc: 0



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-----------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 7.78      | 0.0000 | P        | 24.4 |
| 2 | <input type="checkbox"/> | 1.000    | 1.088      | 386.68    | 0.0002 | P        | 16.1 |
| 3 | <input type="checkbox"/> | 50.000   | 52.605     | 18194.60  | 0.0081 | P        | 1.4  |
| 4 | <input type="checkbox"/> | 125.000  | 126.185    | 43972.68  | 0.0195 | P        | 0.6  |
| 5 | <input type="checkbox"/> | 250.000  | 251.829    | 86932.54  | 0.0389 | P        | 1.3  |
| 6 | <input type="checkbox"/> | 500.000  | 498.913    | 170415.66 | 0.0771 | P        | 1.2  |
| 7 | <input type="checkbox"/> | 1000.000 | 999.808    | 341951.60 | 0.1545 | P        | 0.5  |
| 8 | <input type="checkbox"/> |          |            | 218.89    | 0.0001 | P        | 13.7 |

$$y = 1.5455E-004 * x + 3.3900E-006$$

$$R = 1.0000$$

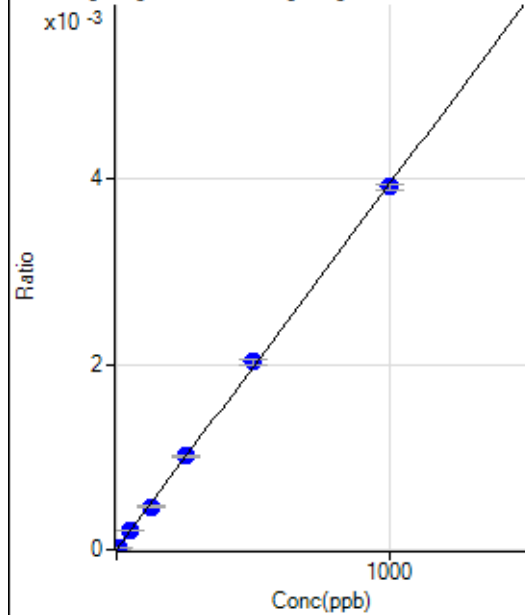
$$DL = 0.01607$$

$$BEC = 0.02193$$

Weight: <None>

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      | 3.33    | 0.0000 | P        | 99.7 |
| 2 | <input type="checkbox"/> | 5.000    | 4.878      | 46.67   | 0.0000 | P        | 21.7 |
| 3 | <input type="checkbox"/> | 50.000   | 52.116     | 463.34  | 0.0002 | P        | 4.1  |
| 4 | <input type="checkbox"/> | 125.000  | 116.993    | 1044.49 | 0.0005 | P        | 5.3  |
| 5 | <input type="checkbox"/> | 250.000  | 256.251    | 2262.42 | 0.0010 | P        | 1.4  |
| 6 | <input type="checkbox"/> | 500.000  | 513.439    | 4481.83 | 0.0020 | P        | 2.3  |
| 7 | <input type="checkbox"/> | 1000.000 | 992.614    | 8673.73 | 0.0039 | P        | 1.5  |
| 8 | <input type="checkbox"/> |          |            | 1.11    | 0.0000 | P        | 173. |

$$y = 3.9473\text{E-}006 * x + 1.4539\text{E-}006$$

$$R = 0.9998$$

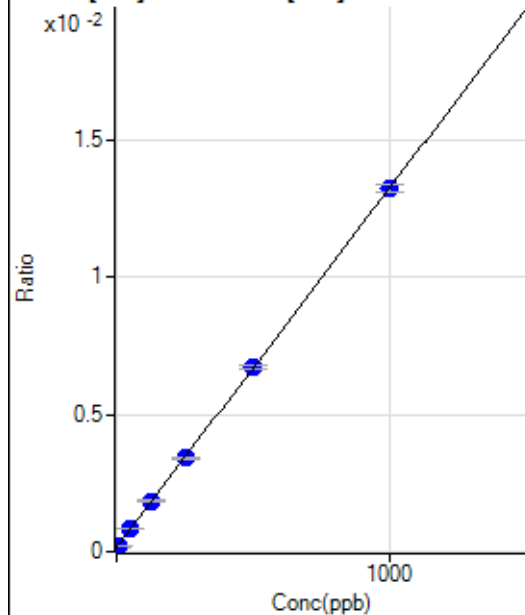
$$DL = 1.101$$

$$BEC = 0.3683$$

Weight: <None>

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      | 357.79   | 0.0002 | P        | 8.6  |
| 2 | <input type="checkbox"/> | 5.000    | 5.681      | 518.91   | 0.0002 | P        | 10.5 |
| 3 | <input type="checkbox"/> | 50.000   | 52.293     | 1877.92  | 0.0008 | P        | 2.9  |
| 4 | <input type="checkbox"/> | 125.000  | 129.591    | 4169.52  | 0.0018 | P        | 3.5  |
| 5 | <input type="checkbox"/> | 250.000  | 249.577    | 7634.27  | 0.0034 | P        | 1.9  |
| 6 | <input type="checkbox"/> | 500.000  | 502.565    | 14864.20 | 0.0067 | P        | 1.7  |
| 7 | <input type="checkbox"/> | 1000.000 | 998.131    | 29213.33 | 0.0132 | P        | 2.2  |
| 8 | <input type="checkbox"/> |          |            | 357.79   | 0.0002 | P        | 6.3  |

$$y = 1.3070\text{E-}005 * x + 1.5598\text{E-}004$$

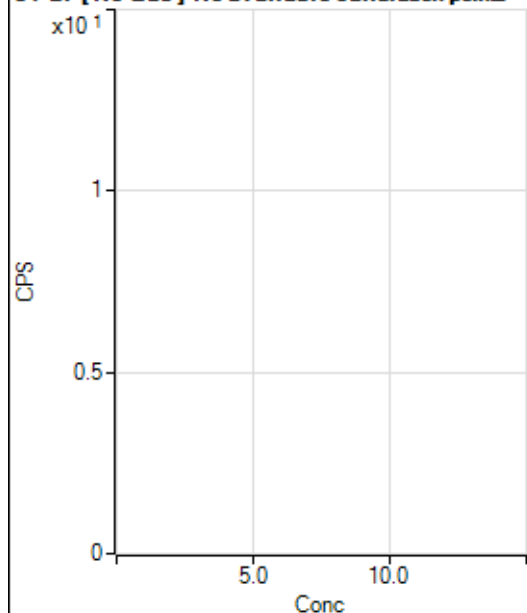
$$R = 1.0000$$

$$DL = 3.086$$

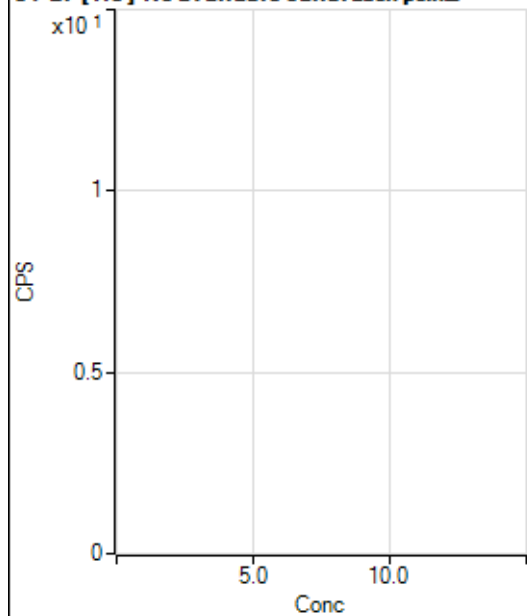
$$BEC = 11.93$$

Weight: <None>

Min Conc: 0

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

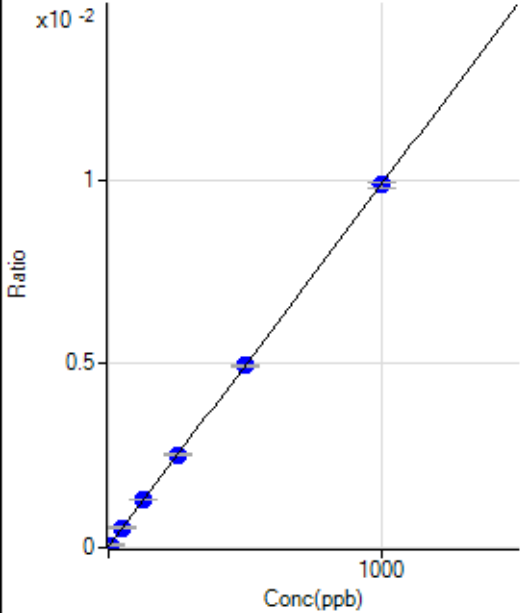
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS     | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|---------|-------|----------|-----|
| 1 | <input type="checkbox"/> |       |            | 5807.86 |       | P        | 1.9 |
| 2 | <input type="checkbox"/> |       |            | 5159.85 |       | P        | 2.6 |
| 3 | <input type="checkbox"/> |       |            | 5058.70 |       | P        | 2.3 |
| 4 | <input type="checkbox"/> |       |            | 5140.93 |       | P        | 2.7 |
| 5 | <input type="checkbox"/> |       |            | 4915.31 |       | P        | 2.4 |
| 6 | <input type="checkbox"/> |       |            | 4938.65 |       | P        | 1.3 |
| 7 | <input type="checkbox"/> |       |            | 4724.14 |       | P        | 2.0 |
| 8 | <input type="checkbox"/> |       |            | 5185.40 |       | P        | 3.6 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 88.89 |       | P        | 10.8 |
| 2 | <input type="checkbox"/> |       |            | 43.33 |       | P        | 7.7  |
| 3 | <input type="checkbox"/> |       |            | 47.78 |       | P        | 21.3 |
| 4 | <input type="checkbox"/> |       |            | 34.44 |       | P        | 43.6 |
| 5 | <input type="checkbox"/> |       |            | 37.78 |       | P        | 10.2 |
| 6 | <input type="checkbox"/> |       |            | 54.44 |       | P        | 14.1 |
| 7 | <input type="checkbox"/> |       |            | 38.89 |       | P        | 21.6 |
| 8 | <input type="checkbox"/> |       |            | 58.89 |       | P        | 8.6  |



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      | 240.34   | 0.0000 | P        | 14.7 |
| 2 | <input type="checkbox"/> | 5.000    | 4.792      | 568.99   | 0.0001 | P        | 8.9  |
| 3 | <input type="checkbox"/> | 50.000   | 51.787     | 4029.58  | 0.0005 | P        | 6.4  |
| 4 | <input type="checkbox"/> | 125.000  | 129.333    | 9785.46  | 0.0013 | P        | 1.2  |
| 5 | <input type="checkbox"/> | 250.000  | 254.167    | 19089.31 | 0.0025 | P        | 2.0  |
| 6 | <input type="checkbox"/> | 500.000  | 499.892    | 37618.15 | 0.0050 | P        | 1.1  |
| 7 | <input type="checkbox"/> | 1000.000 | 998.382    | 74680.21 | 0.0099 | P        | 1.6  |
| 8 | <input type="checkbox"/> |          |            | 302.93   | 0.0000 | P        | 10.5 |

y = 9.8510E-006 \* x + 3.0364E-005

R = 1.0000

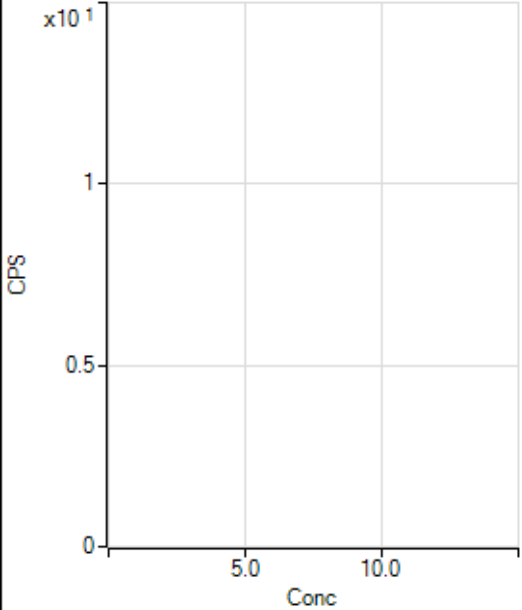
DL = 1.357

BEC = 3.082

Weight: <None>

Min Conc: 0

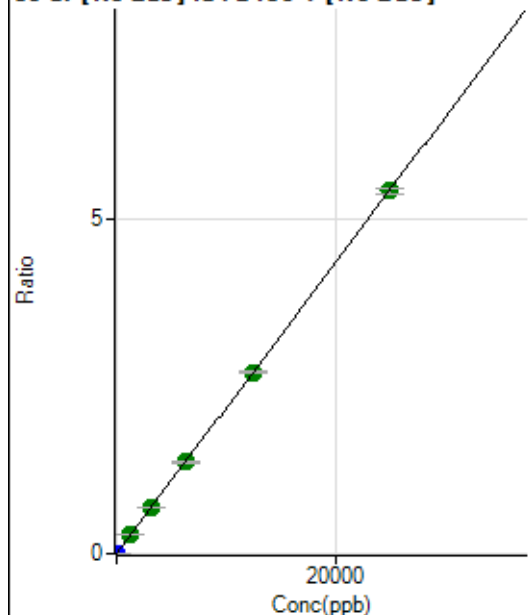
83 Kr [No Gas] No available calibration points



|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 188.89 |       | P        | 25.2 |
| 2 | <input type="checkbox"/> |       |            | 180.00 |       | P        | 23.6 |
| 3 | <input type="checkbox"/> |       |            | 208.89 |       | P        | 9.1  |
| 4 | <input type="checkbox"/> |       |            | 172.23 |       | P        | 23.3 |
| 5 | <input type="checkbox"/> |       |            | 180.00 |       | P        | 0.0  |
| 6 | <input type="checkbox"/> |       |            | 175.56 |       | P        | 18.0 |
| 7 | <input type="checkbox"/> |       |            | 183.34 |       | P        | 3.6  |
| 8 | <input type="checkbox"/> |       |            | 185.56 |       | P        | 13.2 |

Calibration for 011CALS.d

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      | 332.23      | 0.0000 | P        | 4.4 |
| 2 | <input type="checkbox"/> | 1.000     | 0.978      | 1866.80     | 0.0003 | P        | 2.5 |
| 3 | <input type="checkbox"/> | 1250.000  | 1303.068   | 2111311.81  | 0.2831 | A        | 2.2 |
| 4 | <input type="checkbox"/> | 3125.000  | 3148.264   | 5130040.93  | 0.6838 | A        | 1.7 |
| 5 | <input type="checkbox"/> | 6250.000  | 6313.794   | 10330777.34 | 1.3714 | A        | 1.3 |
| 6 | <input type="checkbox"/> | 12500.000 | 12491.051  | 20599889.97 | 2.7131 | A        | 1.5 |
| 7 | <input type="checkbox"/> | 25000.000 | 24982.965  | 41077031.89 | 5.4264 | A        | 1.8 |
| 8 | <input type="checkbox"/> |           |            | 6889.46     | 0.0009 | P        | 1.1 |

$$y = 2.1720E-004 * x + 4.2026E-005$$

R = 1.0000

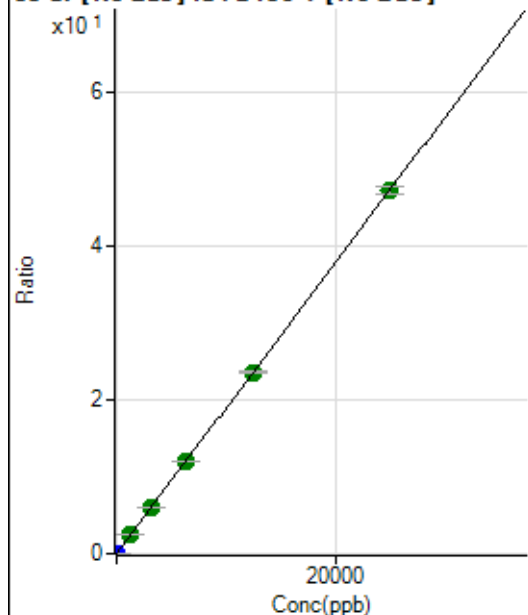
DL = 0.02562

BEC = 0.1935

Weight: <None>

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio   | Det<br>. | RSD  |
|---|--------------------------|-----------|------------|-------------|---------|----------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 126.67      | 0.0000  | P        | 25.5 |
| 2 | <input type="checkbox"/> | 1.000     | 0.969      | 13565.24    | 0.0018  | P        | 1.4  |
| 3 | <input type="checkbox"/> | 1250.000  | 1293.409   | 18245440.42 | 2.4465  | A        | 2.9  |
| 4 | <input type="checkbox"/> | 3125.000  | 3164.327   | 44899609.33 | 5.9853  | A        | 0.8  |
| 5 | <input type="checkbox"/> | 6250.000  | 6321.008   | 90063799.77 | 11.9561 | A        | 0.9  |
| 6 | <input type="checkbox"/> | 12500.000 | 12497.962  | 179484526.2 | 23.6396 | A        | 1.3  |
| 7 | <input type="checkbox"/> | 25000.000 | 24976.180  | 357605670.2 | 47.2419 | A        | 2.0  |
| 8 | <input type="checkbox"/> |           |            | 57164.07    | 0.0077  | P        | 3.4  |

$$y = 0.0019 * x + 1.6036E-005$$

R = 1.0000

DL = 0.006497

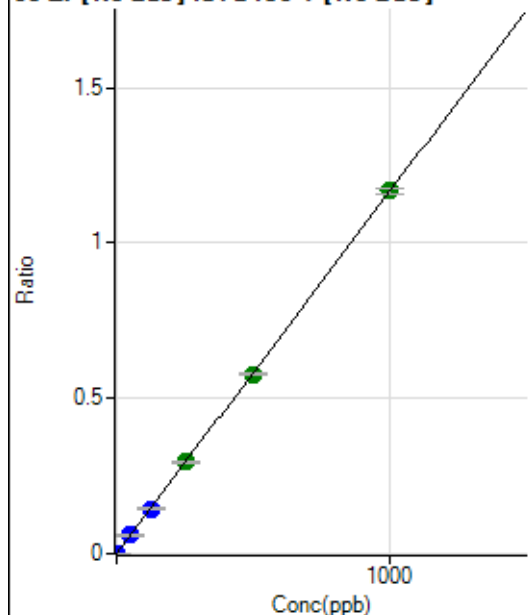
BEC = 0.008478

Weight: <None>

Min Conc: 0

Calibration for 011CALS.d

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 256.67     | 0.0000 | P        | 23.5 |
| 2 | <input type="checkbox"/> | 1.000    | 0.955      | 8399.14    | 0.0011 | P        | 1.3  |
| 3 | <input type="checkbox"/> | 50.000   | 50.438     | 438369.35  | 0.0588 | P        | 3.2  |
| 4 | <input type="checkbox"/> | 125.000  | 124.051    | 1084205.47 | 0.1445 | P        | 1.8  |
| 5 | <input type="checkbox"/> | 250.000  | 252.577    | 2216377.73 | 0.2942 | A        | 0.4  |
| 6 | <input type="checkbox"/> | 500.000  | 494.691    | 4375040.42 | 0.5762 | A        | 1.0  |
| 7 | <input type="checkbox"/> | 1000.000 | 1002.107   | 8835744.59 | 1.1673 | A        | 1.3  |
| 8 | <input type="checkbox"/> |          |            | 5000.90    | 0.0007 | P        | 2.7  |

$$y = 0.0012 * x + 3.2405E-005$$

$$R = 1.0000$$

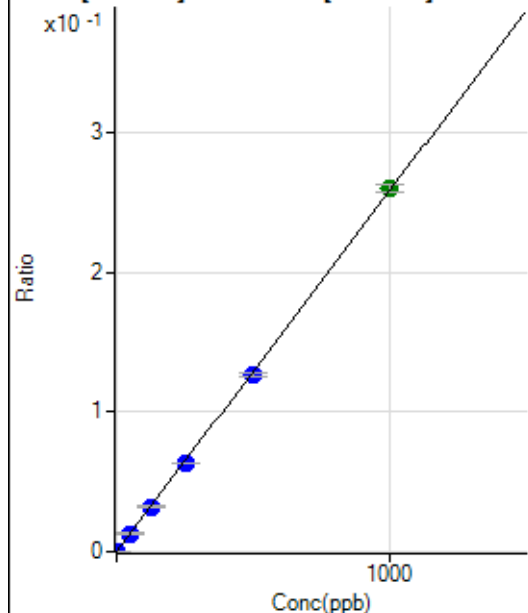
$$DL = 0.01964$$

$$BEC = 0.02782$$

Weight: <None>

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      | 62.22      | 0.0000 | P        | 17.6 |
| 2 | <input type="checkbox"/> | 1.000    | 0.978      | 1912.37    | 0.0003 | P        | 1.4  |
| 3 | <input type="checkbox"/> | 50.000   | 50.381     | 97175.69   | 0.0130 | P        | 3.3  |
| 4 | <input type="checkbox"/> | 125.000  | 124.496    | 241469.34  | 0.0322 | P        | 2.4  |
| 5 | <input type="checkbox"/> | 250.000  | 246.067    | 479188.52  | 0.0636 | P        | 1.2  |
| 6 | <input type="checkbox"/> | 500.000  | 491.247    | 964163.61  | 0.1270 | P        | 2.3  |
| 7 | <input type="checkbox"/> | 1000.000 | 1005.404   | 1967373.15 | 0.2599 | A        | 2.2  |
| 8 | <input type="checkbox"/> |          |            | 1064.50    | 0.0001 | P        | 5.4  |

$$y = 2.5849E-004 * x + 7.8567E-006$$

$$R = 0.9999$$

$$DL = 0.01605$$

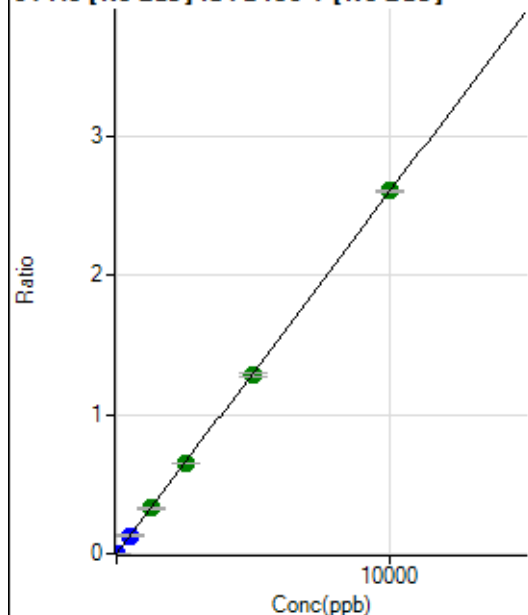
$$BEC = 0.03039$$

Weight: <None>

Min Conc: 0

Calibration for 011CAL5.d

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio  | Det. | RSD |
|---|--------------------------|-----------|------------|-------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 112.22      | 0.0000 | P    | 7.9 |
| 2 | <input type="checkbox"/> | 5.000     | 5.219      | 10069.11    | 0.0014 | P    | 3.6 |
| 3 | <input type="checkbox"/> | 500.000   | 499.395    | 969371.76   | 0.1300 | P    | 3.3 |
| 4 | <input type="checkbox"/> | 1250.000  | 1249.380   | 2439458.54  | 0.3252 | A    | 1.6 |
| 5 | <input type="checkbox"/> | 2500.000  | 2491.603   | 4884984.13  | 0.6485 | A    | 1.2 |
| 6 | <input type="checkbox"/> | 5000.000  | 4944.191   | 9769973.74  | 1.2868 | A    | 1.1 |
| 7 | <input type="checkbox"/> | 10000.000 | 10030.112  | 19760201.65 | 2.6104 | A    | 0.8 |
| 8 | <input type="checkbox"/> |           |            | 4499.62     | 0.0006 | P    | 4.9 |

$$y = 2.6026E-004 * x + 1.4206E-005$$

R = 1.0000

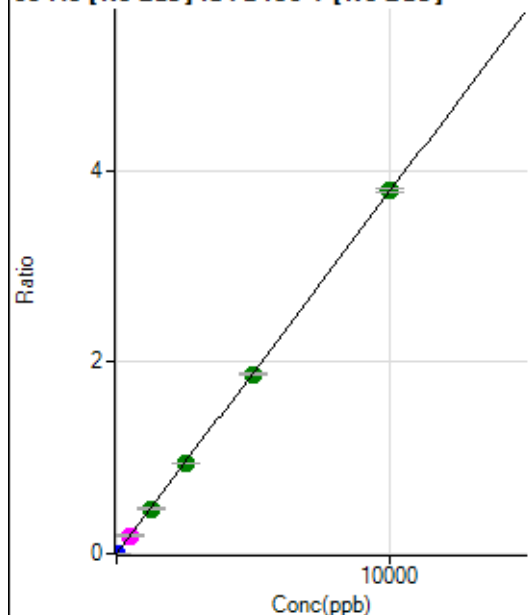
DL = 0.013

BEC = 0.05458

Weight: <None>

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 41.11       | 0.0000 | P    | 60.5 |
| 2 | <input type="checkbox"/> | 5.000     | 4.241      | 11791.50    | 0.0016 | P    | 2.1  |
| 3 | <input type="checkbox"/> | 500.000   | 499.554    | 1406928.90  | 0.1887 | M    | 3.3  |
| 4 | <input type="checkbox"/> | 1250.000  | 1244.213   | 3524997.24  | 0.4699 | A    | 1.4  |
| 5 | <input type="checkbox"/> | 2500.000  | 2488.216   | 7078360.03  | 0.9397 | A    | 0.6  |
| 6 | <input type="checkbox"/> | 5000.000  | 4961.011   | 14224252.43 | 1.8735 | A    | 1.7  |
| 7 | <input type="checkbox"/> | 10000.000 | 10023.186  | 28652930.68 | 3.7852 | A    | 0.9  |
| 8 | <input type="checkbox"/> |           |            | 4176.20     | 0.0006 | P    | 2.2  |

$$y = 3.7764E-004 * x + 5.2056E-006$$

R = 1.0000

DL = 0.02501

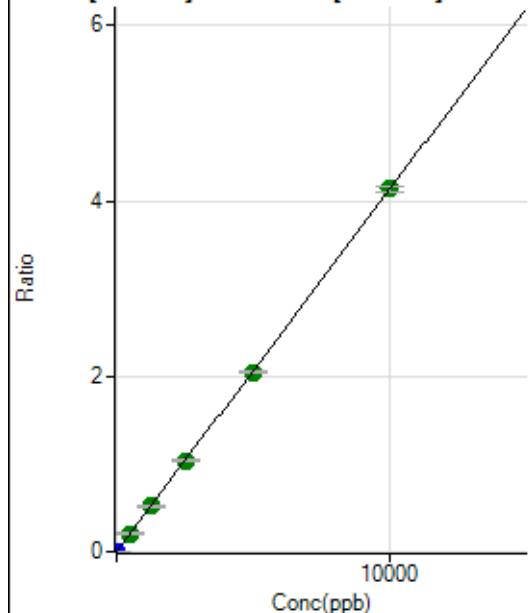
BEC = 0.01378

Weight: <None>

Min Conc: 0

Calibration for 011CALS.d

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 51.11       | 0.0000 | P    | 20.4 |
| 2 | <input type="checkbox"/> | 5.000     | 4.367      | 13281.69    | 0.0018 | P    | 1.4  |
| 3 | <input type="checkbox"/> | 500.000   | 499.903    | 1539225.43  | 0.2064 | A    | 3.7  |
| 4 | <input type="checkbox"/> | 1250.000  | 1253.064   | 3881060.43  | 0.5174 | A    | 2.2  |
| 5 | <input type="checkbox"/> | 2500.000  | 2502.350   | 7782444.33  | 1.0331 | A    | 1.7  |
| 6 | <input type="checkbox"/> | 5000.000  | 4960.635   | 15550047.13 | 2.0481 | A    | 1.5  |
| 7 | <input type="checkbox"/> | 10000.000 | 10018.717  | 31312098.15 | 4.1364 | A    | 1.5  |
| 8 | <input type="checkbox"/> |           |            | 8941.70     | 0.0012 | P    | 2.2  |

$$y = 4.1286E-004 * x + 6.4704E-006$$

R = 1.0000

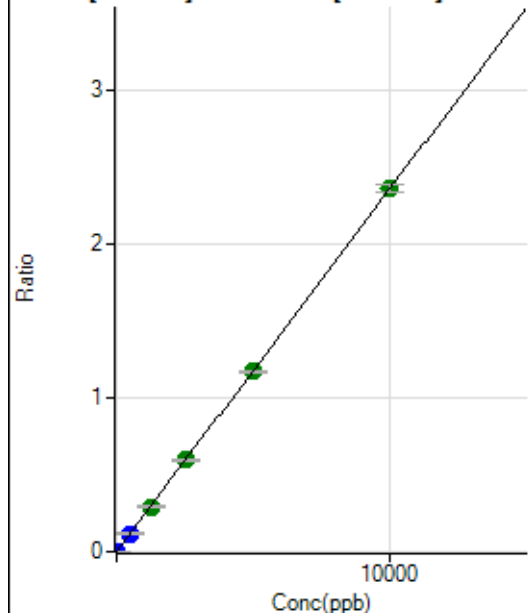
DL = 0.009589

BEC = 0.01567

Weight: <None>

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|-----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 23.33       | 0.0000 | P    | 12.8 |
| 2 | <input type="checkbox"/> | 5.000     | 4.249      | 7374.15     | 0.0010 | P    | 1.7  |
| 3 | <input type="checkbox"/> | 500.000   | 496.419    | 872906.59   | 0.1171 | P    | 3.4  |
| 4 | <input type="checkbox"/> | 1250.000  | 1244.856   | 2202033.66  | 0.2935 | A    | 1.7  |
| 5 | <input type="checkbox"/> | 2500.000  | 2522.169   | 4479846.84  | 0.5947 | A    | 1.9  |
| 6 | <input type="checkbox"/> | 5000.000  | 4964.705   | 8887557.30  | 1.1706 | A    | 2.0  |
| 7 | <input type="checkbox"/> | 10000.000 | 10012.927  | 17872919.45 | 2.3609 | A    | 2.0  |
| 8 | <input type="checkbox"/> |           |            | 2560.25     | 0.0003 | P    | 0.9  |

$$y = 2.3579E-004 * x + 2.9470E-006$$

R = 1.0000

DL = 0.004783

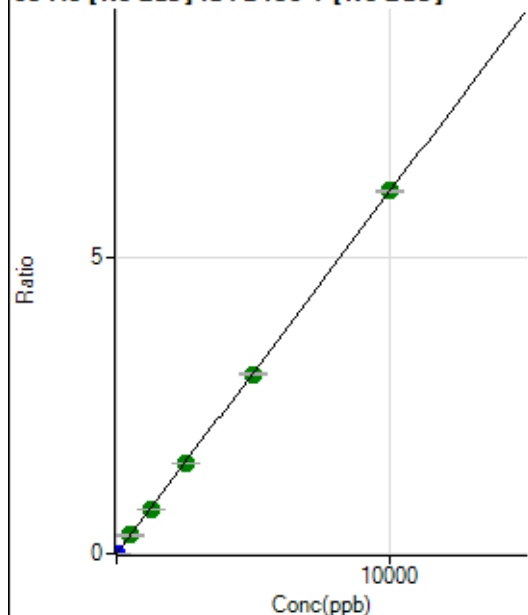
BEC = 0.0125

Weight: <None>

Min Conc: 0

Calibration for 011CALS.d

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



|   | Rj<br>ct                 | Conc.     | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD |
|---|--------------------------|-----------|------------|-------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000     | 0.000      | 62.22       | 0.0000 | P        | 4.4 |
| 2 | <input type="checkbox"/> | 5.000     | 4.201      | 18937.92    | 0.0026 | P        | 1.7 |
| 3 | <input type="checkbox"/> | 500.000   | 505.132    | 2306928.19  | 0.3094 | A        | 3.9 |
| 4 | <input type="checkbox"/> | 1250.000  | 1241.899   | 5705742.21  | 0.7606 | A        | 1.0 |
| 5 | <input type="checkbox"/> | 2500.000  | 2498.870   | 11528226.08 | 1.5304 | A        | 1.4 |
| 6 | <input type="checkbox"/> | 5000.000  | 4953.504   | 23033214.94 | 3.0337 | A        | 1.2 |
| 7 | <input type="checkbox"/> | 10000.000 | 10024.287  | 46472974.31 | 6.1391 | A        | 0.7 |
| 8 | <input type="checkbox"/> |           |            | 6331.44     | 0.0009 | P        | 3.5 |

$$y = 6.1243E-004 * x + 7.8723E-006$$

R = 1.0000

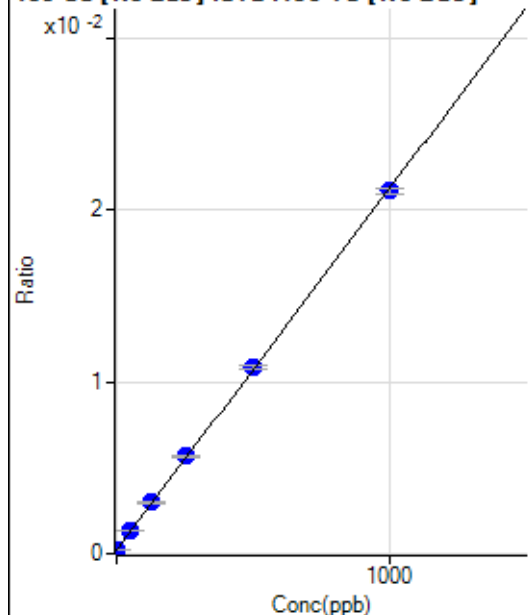
DL = 0.00169

BEC = 0.01285

Weight: <None>

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS       | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|-----------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 1175.61   | 0.0002 | P        | 3.7 |
| 2 | <input type="checkbox"/> | 1.000    | 1.274      | 1244.51   | 0.0002 | P        | 2.7 |
| 3 | <input type="checkbox"/> | 50.000   | 54.679     | 7330.80   | 0.0014 | P        | 1.8 |
| 4 | <input type="checkbox"/> | 125.000  | 131.888    | 16660.78  | 0.0030 | P        | 1.8 |
| 5 | <input type="checkbox"/> | 250.000  | 260.366    | 32607.77  | 0.0057 | P        | 1.6 |
| 6 | <input type="checkbox"/> | 500.000  | 506.143    | 63435.42  | 0.0108 | P        | 1.9 |
| 7 | <input type="checkbox"/> | 1000.000 | 993.242    | 125972.90 | 0.0211 | P        | 1.6 |
| 8 | <input type="checkbox"/> |          |            | 1160.06   | 0.0002 | P        | 5.1 |

$$y = 2.1020E-005 * x + 2.0388E-004$$

R = 0.9999

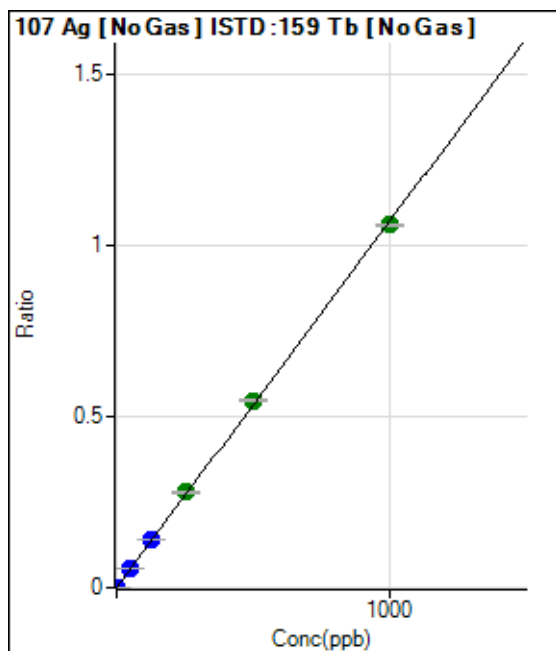
DL = 1.066

BEC = 9.699

Weight: <None>

Min Conc: 0

Calibration for 011CAL5.d



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 35.55      | 0.0000 | P        | 17.3 |
| 2 | <input type="checkbox"/> | 1.000    | 0.948      | 5506.64    | 0.0010 | P        | 3.5  |
| 3 | <input type="checkbox"/> | 50.000   | 54.088     | 313526.41  | 0.0579 | P        | 2.5  |
| 4 | <input type="checkbox"/> | 125.000  | 130.028    | 778933.78  | 0.1391 | P        | 0.2  |
| 5 | <input type="checkbox"/> | 250.000  | 261.340    | 1606311.04 | 0.2796 | A        | 2.0  |
| 6 | <input type="checkbox"/> | 500.000  | 510.648    | 3196356.69 | 0.5464 | A        | 0.8  |
| 7 | <input type="checkbox"/> | 1000.000 | 991.008    | 6335866.15 | 1.0604 | A        | 0.6  |
| 8 | <input type="checkbox"/> |          |            | 754.47     | 0.0001 | P        | 18.4 |

$$y = 0.0011 * x + 6.1518E-006$$

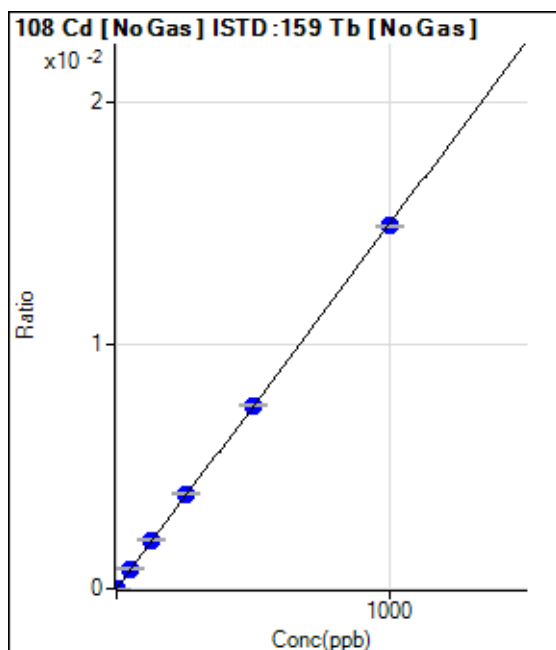
$$R = 0.9998$$

$$DL = 0.00298$$

$$BEC = 0.005749$$

Weight: <None>

Min Conc: 0



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS      | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|----------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 12.22    | 0.0000 | P        | 33.3 |
| 2 | <input type="checkbox"/> | 1.000    | 1.013      | 93.34    | 0.0000 | P        | 7.1  |
| 3 | <input type="checkbox"/> | 50.000   | 54.876     | 4465.18  | 0.0008 | P        | 7.4  |
| 4 | <input type="checkbox"/> | 125.000  | 132.616    | 11136.59 | 0.0020 | P        | 4.4  |
| 5 | <input type="checkbox"/> | 250.000  | 259.688    | 22358.44 | 0.0039 | P        | 2.4  |
| 6 | <input type="checkbox"/> | 500.000  | 503.127    | 44106.80 | 0.0075 | P        | 0.7  |
| 7 | <input type="checkbox"/> | 1000.000 | 994.819    | 89066.76 | 0.0149 | P        | 0.3  |
| 8 | <input type="checkbox"/> |          |            | 48.89    | 0.0000 | P        | 35.9 |

$$y = 1.4982E-005 * x + 2.1279E-006$$

$$R = 0.9999$$

$$DL = 0.1418$$

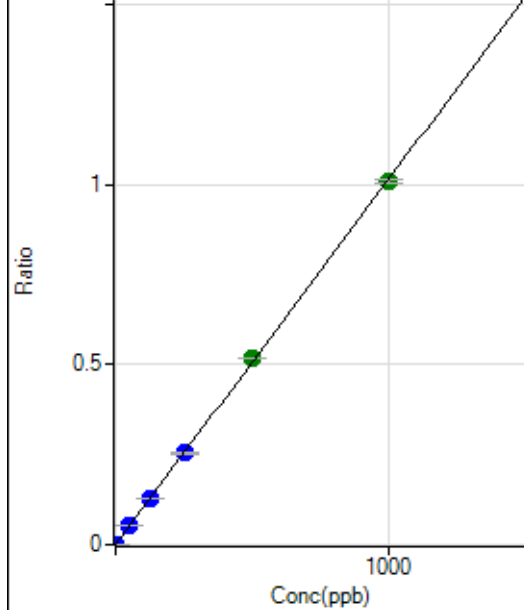
$$BEC = 0.142$$

Weight: <None>

Min Conc: 0

Calibration for 011CAL5.d

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 20.00      | 0.0000 | P        | 74.5 |
| 2 | <input type="checkbox"/> | 1.000    | 0.971      | 5341.03    | 0.0010 | P        | 5.4  |
| 3 | <input type="checkbox"/> | 50.000   | 53.310     | 293273.14  | 0.0541 | P        | 2.5  |
| 4 | <input type="checkbox"/> | 125.000  | 128.193    | 728832.44  | 0.1302 | P        | 0.7  |
| 5 | <input type="checkbox"/> | 250.000  | 250.876    | 1463380.64 | 0.2548 | P        | 1.2  |
| 6 | <input type="checkbox"/> | 500.000  | 511.570    | 3039017.49 | 0.5195 | A        | 0.1  |
| 7 | <input type="checkbox"/> | 1000.000 | 993.432    | 6027972.48 | 1.0088 | A        | 1.0  |
| 8 | <input type="checkbox"/> |          |            | 710.03     | 0.0001 | P        | 12.9 |

$$y = 0.0010 * x + 3.4409E-006$$

$$R = 0.9999$$

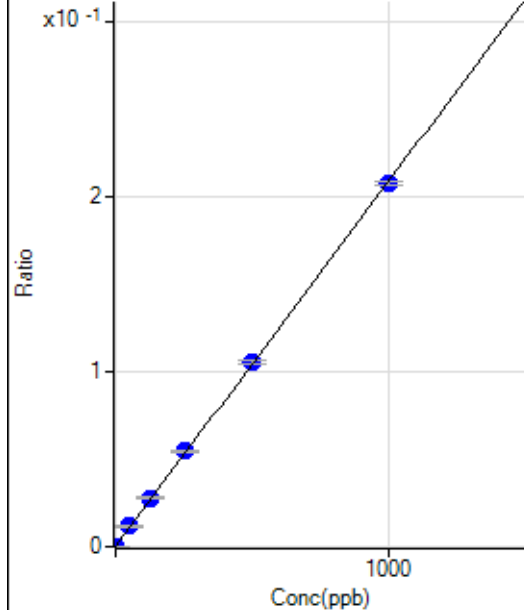
$$DL = 0.007568$$

$$BEC = 0.003388$$

Weight: <None>

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 821.04     | 0.0001 | P        | 3.9 |
| 2 | <input type="checkbox"/> | 1.000    | 1.067      | 1966.99    | 0.0004 | P        | 3.8 |
| 3 | <input type="checkbox"/> | 50.000   | 54.675     | 62465.86   | 0.0115 | P        | 2.1 |
| 4 | <input type="checkbox"/> | 125.000  | 133.215    | 156158.77  | 0.0279 | P        | 1.5 |
| 5 | <input type="checkbox"/> | 250.000  | 260.521    | 312533.94  | 0.0544 | P        | 1.3 |
| 6 | <input type="checkbox"/> | 500.000  | 505.616    | 616980.42  | 0.1055 | P        | 1.4 |
| 7 | <input type="checkbox"/> | 1000.000 | 993.301    | 1237177.90 | 0.2071 | P        | 1.1 |
| 8 | <input type="checkbox"/> |          |            | 1036.71    | 0.0002 | P        | 6.9 |

$$y = 2.0830E-004 * x + 1.4238E-004$$

$$R = 0.9999$$

$$DL = 0.08075$$

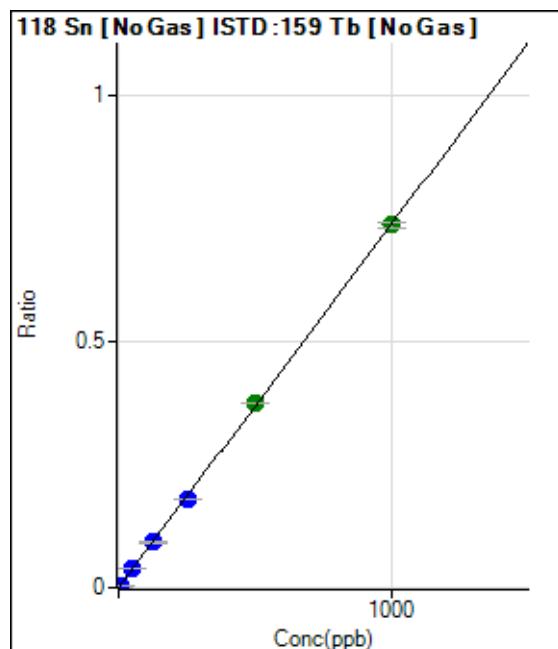
$$BEC = 0.6835$$

Weight: <None>

Min Conc: 0



Calibration for 011CALS.d



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD |
|---|--------------------------|----------|------------|------------|--------|----------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 925.59     | 0.0002 | P        | 2.8 |
| 2 | <input type="checkbox"/> | 5.000    | 4.604      | 19205.10   | 0.0036 | P        | 1.5 |
| 3 | <input type="checkbox"/> | 50.000   | 51.392     | 206378.61  | 0.0381 | P        | 2.2 |
| 4 | <input type="checkbox"/> | 125.000  | 124.278    | 514534.07  | 0.0919 | P        | 1.3 |
| 5 | <input type="checkbox"/> | 250.000  | 242.627    | 1029763.24 | 0.1793 | P        | 1.3 |
| 6 | <input type="checkbox"/> | 500.000  | 507.602    | 2193033.89 | 0.3749 | A        | 0.7 |
| 7 | <input type="checkbox"/> | 1000.000 | 998.065    | 4403423.27 | 0.7369 | A        | 1.4 |
| 8 | <input type="checkbox"/> |          |            | 3355.99    | 0.0006 | P        | 2.9 |

$$y = 7.3821\text{E-}004 * x + 1.6048\text{E-}004$$

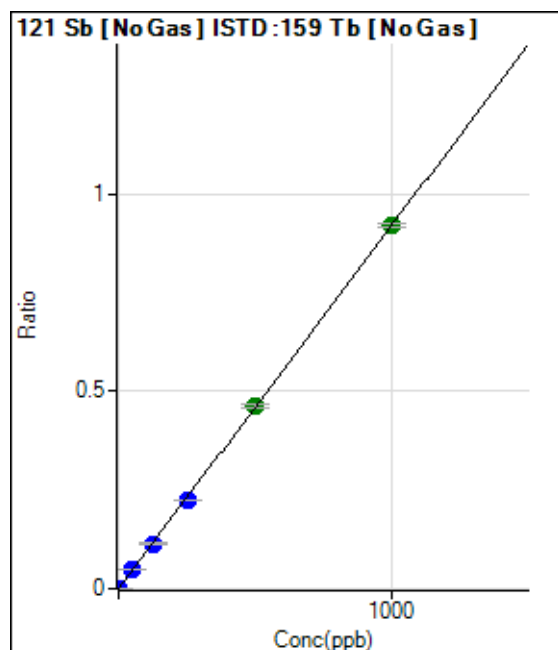
R = 0.9999

DL = 0.01849

BEC = 0.2174

Weight: <None>

Min Conc: 0



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 33.33      | 0.0000 | P        | 26.7 |
| 2 | <input type="checkbox"/> | 2.000    | 1.909      | 9493.20    | 0.0018 | P        | 2.5  |
| 3 | <input type="checkbox"/> | 50.000   | 51.248     | 255025.15  | 0.0471 | P        | 2.5  |
| 4 | <input type="checkbox"/> | 125.000  | 124.159    | 638515.95  | 0.1140 | P        | 0.8  |
| 5 | <input type="checkbox"/> | 250.000  | 243.860    | 1286670.08 | 0.2240 | P        | 1.7  |
| 6 | <input type="checkbox"/> | 500.000  | 503.882    | 2707510.86 | 0.4628 | A        | 1.6  |
| 7 | <input type="checkbox"/> | 1000.000 | 999.637    | 5486325.20 | 0.9182 | A        | 1.0  |
| 8 | <input type="checkbox"/> |          |            | 4392.93    | 0.0007 | P        | 6.7  |

$$y = 9.1850\text{E-}004 * x + 5.7840\text{E-}006$$

R = 1.0000

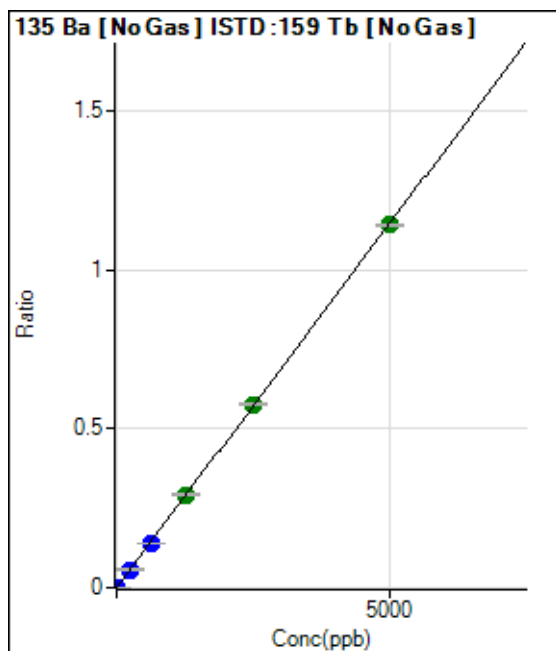
DL = 0.005049

BEC = 0.006297

Weight: <None>

Min Conc: 0

Calibration for 011CALS.d



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 45.55      | 0.0000 | P    | 15.4 |
| 2 | <input type="checkbox"/> | 10.000   | 9.136      | 11329.03   | 0.0021 | P    | 1.5  |
| 3 | <input type="checkbox"/> | 250.000  | 248.899    | 308741.32  | 0.0570 | P    | 2.3  |
| 4 | <input type="checkbox"/> | 625.000  | 606.774    | 777828.15  | 0.1389 | P    | 0.7  |
| 5 | <input type="checkbox"/> | 1250.000 | 1274.764   | 1676678.35 | 0.2919 | A    | 1.2  |
| 6 | <input type="checkbox"/> | 2500.000 | 2522.257   | 3378321.97 | 0.5775 | A    | 0.9  |
| 7 | <input type="checkbox"/> | 5000.000 | 4985.015   | 6819706.56 | 1.1413 | A    | 0.2  |
| 8 | <input type="checkbox"/> |          |            | 2845.87    | 0.0005 | P    | 7.5  |

$$y = 2.2895E-004 * x + 7.9033E-006$$

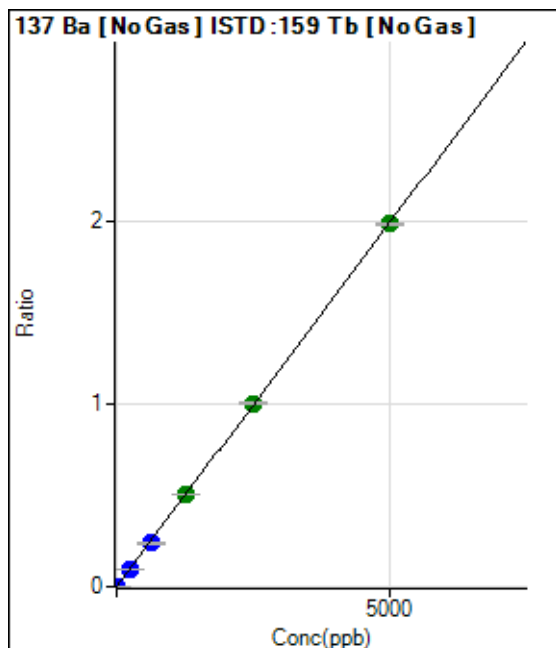
$$R = 1.0000$$

$$DL = 0.01595$$

$$BEC = 0.03452$$

Weight: <None>

Min Conc: 0



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 67.78       | 0.0000 | P    | 21.5 |
| 2 | <input type="checkbox"/> | 10.000   | 9.079      | 19516.82    | 0.0036 | P    | 0.4  |
| 3 | <input type="checkbox"/> | 250.000  | 246.907    | 531190.91   | 0.0981 | P    | 2.5  |
| 4 | <input type="checkbox"/> | 625.000  | 596.045    | 1325189.32  | 0.2367 | P    | 0.6  |
| 5 | <input type="checkbox"/> | 1250.000 | 1264.064   | 2883426.42  | 0.5020 | A    | 1.0  |
| 6 | <input type="checkbox"/> | 2500.000 | 2523.529   | 5862239.08  | 1.0021 | A    | 0.5  |
| 7 | <input type="checkbox"/> | 5000.000 | 4988.495   | 11836299.82 | 1.9809 | A    | 0.4  |
| 8 | <input type="checkbox"/> |          |            | 4861.98     | 0.0008 | P    | 2.5  |

$$y = 3.9710E-004 * x + 1.1732E-005$$

$$R = 1.0000$$

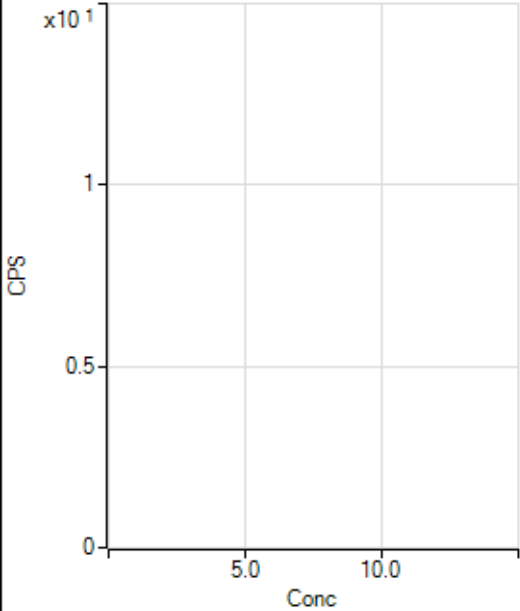
$$DL = 0.01901$$

$$BEC = 0.02955$$

Weight: <None>

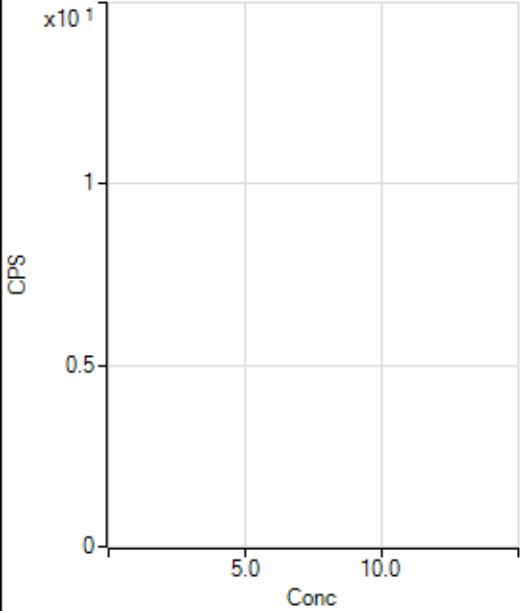
Min Conc: 0

150 Nd [ No Gas ] No available calibration points

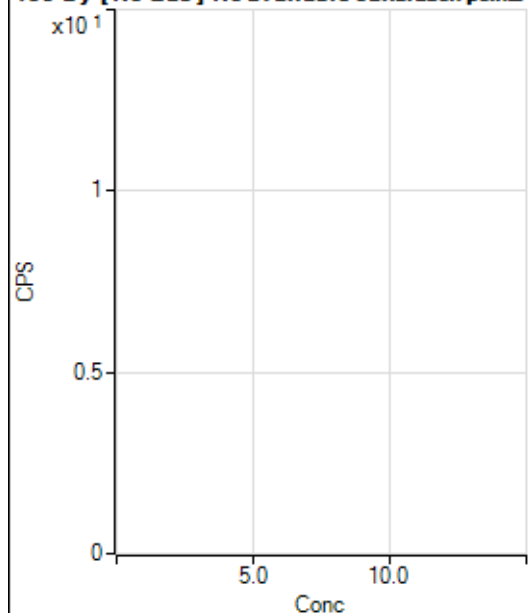


|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 3.33   |       | P        | 173. |
| 2 | <input type="checkbox"/> |       |            | 6.67   |       | P        | 50.0 |
| 3 | <input type="checkbox"/> |       |            | 14.44  |       | P        | 35.3 |
| 4 | <input type="checkbox"/> |       |            | 36.67  |       | P        | 9.1  |
| 5 | <input type="checkbox"/> |       |            | 45.55  |       | P        | 15.2 |
| 6 | <input type="checkbox"/> |       |            | 108.89 |       | P        | 12.4 |
| 7 | <input type="checkbox"/> |       |            | 212.23 |       | P        | 10.2 |
| 8 | <input type="checkbox"/> |       |            | 105.56 |       | P        | 18.0 |

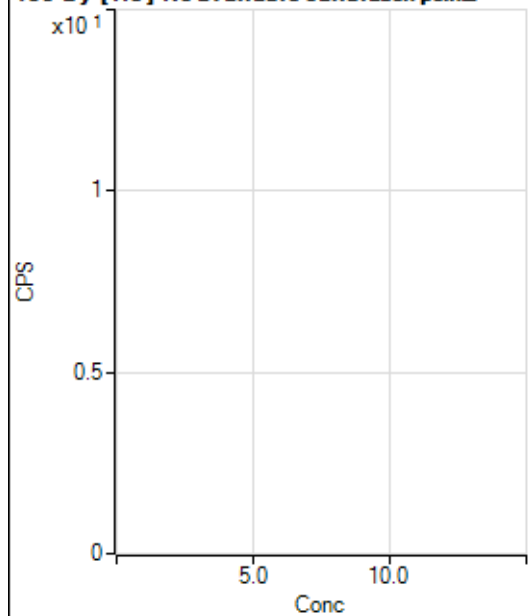
150 Nd [ He ] No available calibration points



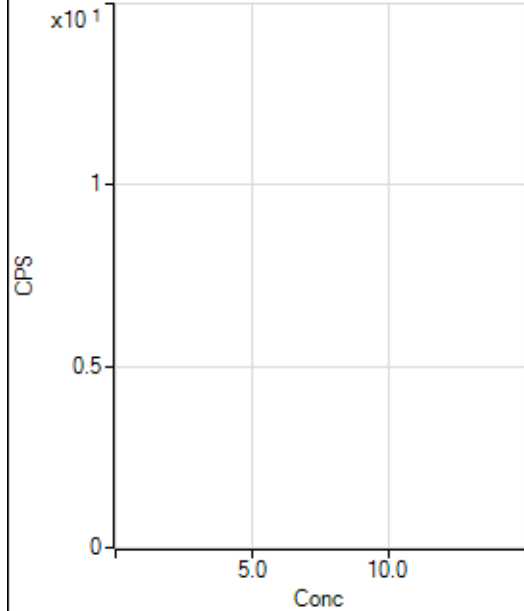
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS   | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|-------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 4.44  |       | P        | 173. |
| 2 | <input type="checkbox"/> |       |            | 4.45  |       | P        | 86.6 |
| 3 | <input type="checkbox"/> |       |            | 3.33  |       | P        | 100. |
| 4 | <input type="checkbox"/> |       |            | 6.67  |       | P        | 50.0 |
| 5 | <input type="checkbox"/> |       |            | 15.56 |       | P        | 32.7 |
| 6 | <input type="checkbox"/> |       |            | 32.22 |       | P        | 31.6 |
| 7 | <input type="checkbox"/> |       |            | 62.22 |       | P        | 55.0 |
| 8 | <input type="checkbox"/> |       |            | 65.56 |       | P        | 30.6 |

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

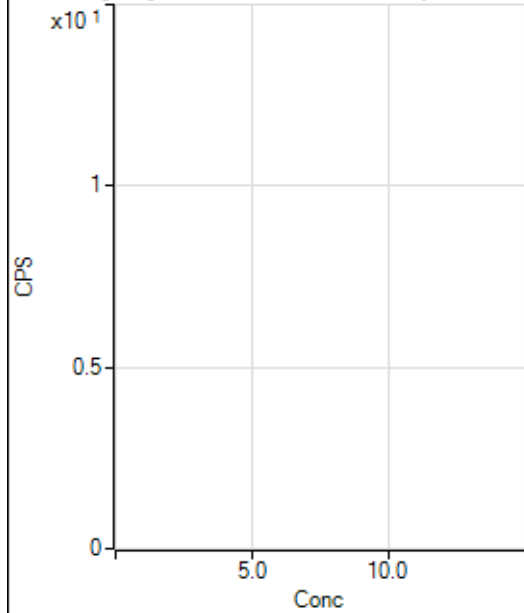
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 277.78 |       | P        | 12.3 |
| 2 | <input type="checkbox"/> |       |            | 246.67 |       | P        | 18.7 |
| 3 | <input type="checkbox"/> |       |            | 230.00 |       | P        | 10.4 |
| 4 | <input type="checkbox"/> |       |            | 232.22 |       | P        | 15.8 |
| 5 | <input type="checkbox"/> |       |            | 244.45 |       | P        | 9.3  |
| 6 | <input type="checkbox"/> |       |            | 272.23 |       | P        | 1.4  |
| 7 | <input type="checkbox"/> |       |            | 354.45 |       | P        | 10.6 |
| 8 | <input type="checkbox"/> |       |            | 418.90 |       | P        | 7.6  |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 86.67  |       | P        | 21.4 |
| 2 | <input type="checkbox"/> |       |            | 75.56  |       | P        | 13.5 |
| 3 | <input type="checkbox"/> |       |            | 65.56  |       | P        | 15.5 |
| 4 | <input type="checkbox"/> |       |            | 105.56 |       | P        | 24.1 |
| 5 | <input type="checkbox"/> |       |            | 141.11 |       | P        | 15.4 |
| 6 | <input type="checkbox"/> |       |            | 213.34 |       | P        | 13.4 |
| 7 | <input type="checkbox"/> |       |            | 400.01 |       | P        | 11.7 |
| 8 | <input type="checkbox"/> |       |            | 221.12 |       | P        | 9.6  |

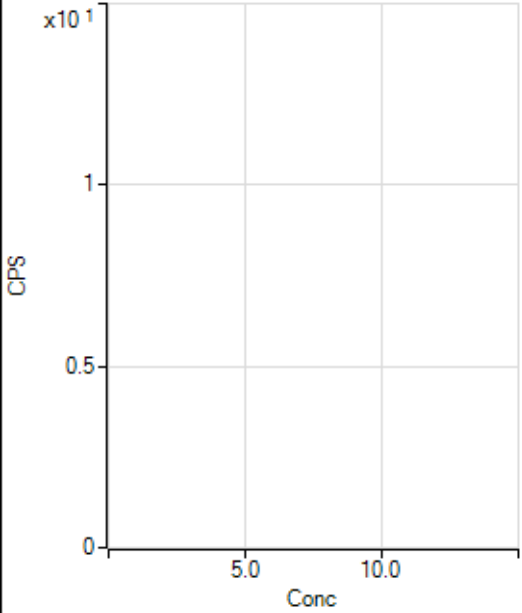
**160 Gd [ No Gas ] No available calibration poin...**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 23.33  |       | P        | 37.8 |
| 2 | <input type="checkbox"/> |       |            | 27.78  |       | P        | 25.0 |
| 3 | <input type="checkbox"/> |       |            | 24.44  |       | P        | 20.8 |
| 4 | <input type="checkbox"/> |       |            | 35.56  |       | P        | 5.4  |
| 5 | <input type="checkbox"/> |       |            | 41.11  |       | P        | 32.8 |
| 6 | <input type="checkbox"/> |       |            | 48.89  |       | P        | 25.8 |
| 7 | <input type="checkbox"/> |       |            | 82.22  |       | P        | 13.0 |
| 8 | <input type="checkbox"/> |       |            | 175.56 |       | P        | 2.9  |

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

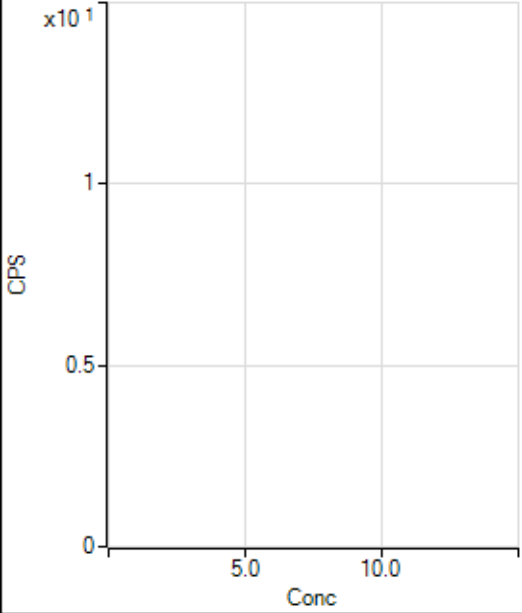
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 171.11 |       | P        | 16.6 |
| 2 | <input type="checkbox"/> |       |            | 145.56 |       | P        | 13.0 |
| 3 | <input type="checkbox"/> |       |            | 165.56 |       | P        | 10.1 |
| 4 | <input type="checkbox"/> |       |            | 150.00 |       | P        | 22.6 |
| 5 | <input type="checkbox"/> |       |            | 160.00 |       | P        | 6.3  |
| 6 | <input type="checkbox"/> |       |            | 166.67 |       | P        | 10.4 |
| 7 | <input type="checkbox"/> |       |            | 200.01 |       | P        | 18.9 |
| 8 | <input type="checkbox"/> |       |            | 255.56 |       | P        | 5.3  |

164 Er [ No Gas ] No available calibration points



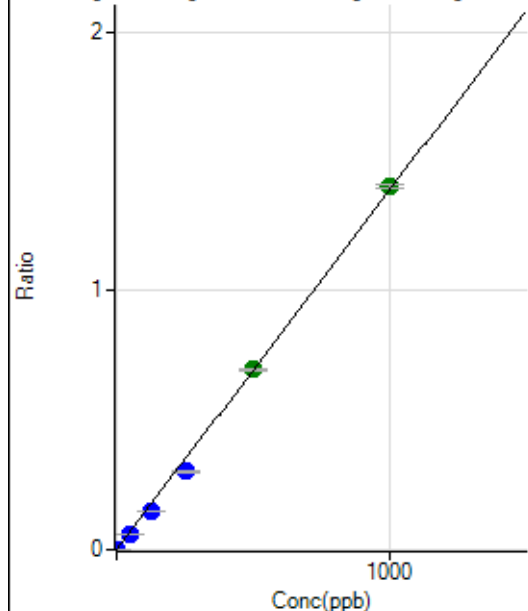
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 33.33  |       | P        | 20.0 |
| 2 | <input type="checkbox"/> |       |            | 41.11  |       | P        | 16.9 |
| 3 | <input type="checkbox"/> |       |            | 34.44  |       | P        | 14.8 |
| 4 | <input type="checkbox"/> |       |            | 41.11  |       | P        | 38.3 |
| 5 | <input type="checkbox"/> |       |            | 50.00  |       | P        | 30.5 |
| 6 | <input type="checkbox"/> |       |            | 48.89  |       | P        | 10.4 |
| 7 | <input type="checkbox"/> |       |            | 92.22  |       | P        | 2.1  |
| 8 | <input type="checkbox"/> |       |            | 247.78 |       | P        | 18.2 |

164 Er [ He ] No available calibration points



|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS    | Ratio | Det<br>. | RSD  |
|---|--------------------------|-------|------------|--------|-------|----------|------|
| 1 | <input type="checkbox"/> |       |            | 28.89  |       | P        | 46.6 |
| 2 | <input type="checkbox"/> |       |            | 18.89  |       | P        | 62.0 |
| 3 | <input type="checkbox"/> |       |            | 28.89  |       | P        | 37.1 |
| 4 | <input type="checkbox"/> |       |            | 32.22  |       | P        | 57.0 |
| 5 | <input type="checkbox"/> |       |            | 28.89  |       | P        | 40.5 |
| 6 | <input type="checkbox"/> |       |            | 47.78  |       | P        | 49.5 |
| 7 | <input type="checkbox"/> |       |            | 57.78  |       | P        | 32.8 |
| 8 | <input type="checkbox"/> |       |            | 162.23 |       | P        | 31.4 |

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS        | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 54.44      | 0.0000 | P    | 33.8 |
| 2 | <input type="checkbox"/> | 1.000    | 0.844      | 3780.56    | 0.0012 | P    | 0.3  |
| 3 | <input type="checkbox"/> | 50.000   | 44.559     | 198372.86  | 0.0619 | P    | 0.8  |
| 4 | <input type="checkbox"/> | 125.000  | 107.925    | 502360.71  | 0.1498 | P    | 1.1  |
| 5 | <input type="checkbox"/> | 250.000  | 217.644    | 1035789.50 | 0.3021 | P    | 1.2  |
| 6 | <input type="checkbox"/> | 500.000  | 501.493    | 2433380.78 | 0.6960 | A    | 1.0  |
| 7 | <input type="checkbox"/> | 1000.000 | 1009.749   | 5016517.46 | 1.4014 | A    | 1.1  |
| 8 | <input type="checkbox"/> |          |            | 701.14     | 0.0002 | P    | 5.7  |

$$y = 0.0014 * x + 1.6327E-005$$

R = 0.9994

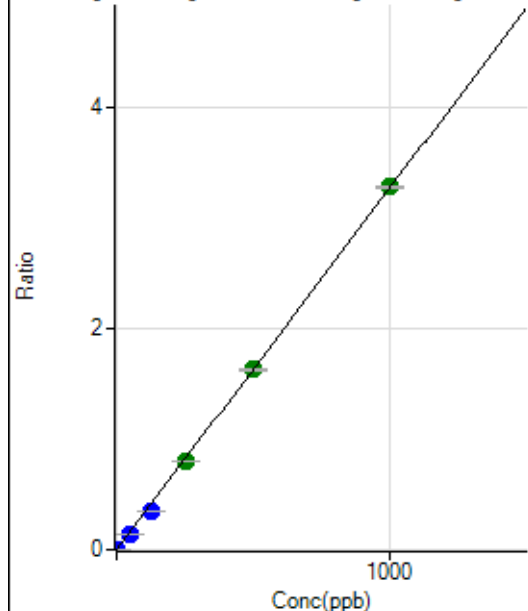
DL = 0.01195

BEC = 0.01176

Weight: <None>

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD |
|---|--------------------------|----------|------------|-------------|--------|------|-----|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 152.22      | 0.0000 | P    | 2.9 |
| 2 | <input type="checkbox"/> | 1.000    | 0.813      | 8611.70     | 0.0027 | P    | 3.5 |
| 3 | <input type="checkbox"/> | 50.000   | 44.493     | 467125.36   | 0.1456 | P    | 1.1 |
| 4 | <input type="checkbox"/> | 125.000  | 107.727    | 1182408.09  | 0.3526 | P    | 1.2 |
| 5 | <input type="checkbox"/> | 250.000  | 244.938    | 2748699.45  | 0.8016 | A    | 1.3 |
| 6 | <input type="checkbox"/> | 500.000  | 498.375    | 5701960.26  | 1.6310 | A    | 0.6 |
| 7 | <input type="checkbox"/> | 1000.000 | 1004.512   | 11767789.96 | 3.2873 | A    | 0.2 |
| 8 | <input type="checkbox"/> |          |            | 1585.67     | 0.0005 | P    | 7.3 |

$$y = 0.0033 * x + 4.5726E-005$$

R = 0.9999

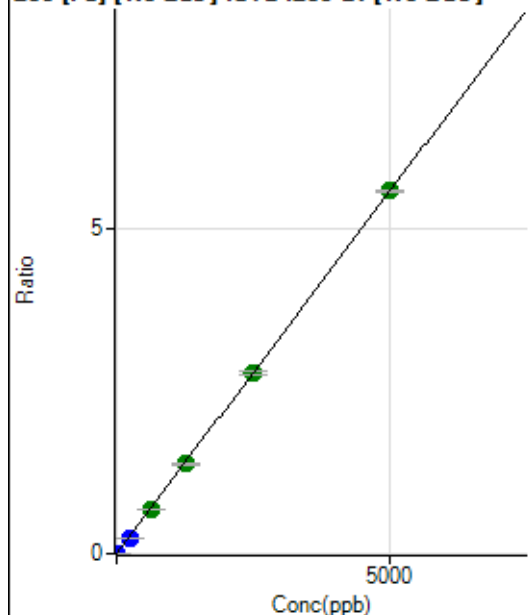
DL = 0.001215

BEC = 0.01397

Weight: <None>

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det<br>. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|----------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 157.78      | 0.0000 | P        | 19.2 |
| 2 | <input type="checkbox"/> | 1.000    | 0.839      | 3122.61     | 0.0010 | P        | 3.0  |
| 3 | <input type="checkbox"/> | 250.000  | 222.769    | 795275.72   | 0.2480 | P        | 1.4  |
| 4 | <input type="checkbox"/> | 625.000  | 612.377    | 2285817.17  | 0.6816 | A        | 1.8  |
| 5 | <input type="checkbox"/> | 1250.000 | 1236.029   | 4717404.58  | 1.3757 | A        | 2.2  |
| 6 | <input type="checkbox"/> | 2500.000 | 2493.441   | 9702021.24  | 2.7751 | A        | 1.5  |
| 7 | <input type="checkbox"/> | 5000.000 | 5009.712   | 19959209.42 | 5.5756 | A        | 0.8  |
| 8 | <input type="checkbox"/> |          |            | 3963.96     | 0.0012 | P        | 3.8  |

$$y = 0.0011 * x + 4.7547E-005$$

$$R = 1.0000$$

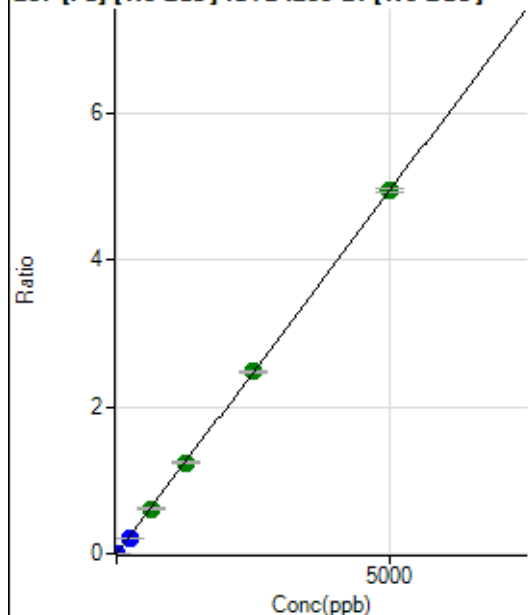
$$DL = 0.02454$$

$$BEC = 0.04272$$

Weight: <None>

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      | 165.56      | 0.0000 | P        | 13.5 |
| 2 | <input type="checkbox"/> | 1.000    | 0.797      | 2669.17     | 0.0008 | P        | 1.5  |
| 3 | <input type="checkbox"/> | 250.000  | 222.334    | 705505.78   | 0.2200 | P        | 0.7  |
| 4 | <input type="checkbox"/> | 625.000  | 620.197    | 2057529.52  | 0.6135 | A        | 1.1  |
| 5 | <input type="checkbox"/> | 1250.000 | 1249.088   | 4237029.42  | 1.2356 | A        | 2.2  |
| 6 | <input type="checkbox"/> | 2500.000 | 2505.123   | 8663195.63  | 2.4781 | A        | 0.9  |
| 7 | <input type="checkbox"/> | 5000.000 | 4999.650   | 17704098.07 | 4.9456 | A        | 1.1  |
| 8 | <input type="checkbox"/> |          |            | 3469.36     | 0.0010 | P        | 6.3  |

$$y = 9.8918E-004 * x + 4.9802E-005$$

$$R = 1.0000$$

$$DL = 0.02036$$

$$BEC = 0.05035$$

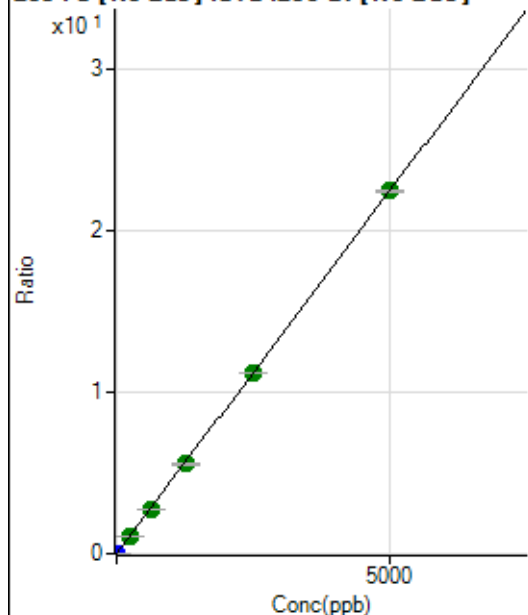
Weight: <None>

Min Conc: 0



Calibration for 011CAL5.d

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio   | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|---------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 691.13      | 0.0002  | P    | 12.7 |
| 2 | <input type="checkbox"/> | 1.000    | 0.825      | 12432.36    | 0.0039  | P    | 0.1  |
| 3 | <input type="checkbox"/> | 250.000  | 239.072    | 3438065.11  | 1.0720  | A    | 1.5  |
| 4 | <input type="checkbox"/> | 625.000  | 619.246    | 9310897.00  | 2.7764  | A    | 0.9  |
| 5 | <input type="checkbox"/> | 1250.000 | 1240.071   | 19064208.57 | 5.5597  | A    | 1.4  |
| 6 | <input type="checkbox"/> | 2500.000 | 2496.352   | 39125540.18 | 11.1919 | A    | 0.4  |
| 7 | <input type="checkbox"/> | 5000.000 | 5005.572   | 80335967.97 | 22.4413 | A    | 0.6  |
| 8 | <input type="checkbox"/> |          |            | 15612.52    | 0.0047  | P    | 3.2  |

$$y = 0.0045 * x + 2.0806E-004$$

$$R = 1.0000$$

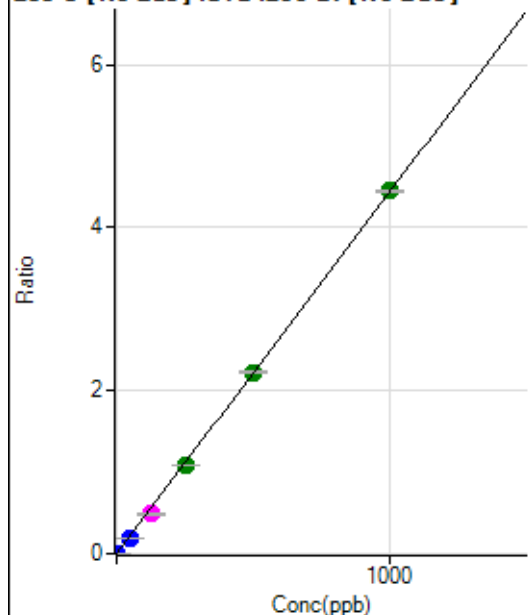
$$DL = 0.01762$$

$$BEC = 0.04641$$

Weight: <None>

Min Conc: 0

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



|   | Rj<br>ct                 | Conc.    | Calc Conc. | CPS         | Ratio  | Det. | RSD  |
|---|--------------------------|----------|------------|-------------|--------|------|------|
| 1 | <input type="checkbox"/> | 0.000    | 0.000      | 21.11       | 0.0000 | P    | 71.6 |
| 2 | <input type="checkbox"/> | 1.000    | 0.788      | 11138.09    | 0.0035 | P    | 2.0  |
| 3 | <input type="checkbox"/> | 50.000   | 42.528     | 604713.62   | 0.1886 | P    | 0.8  |
| 4 | <input type="checkbox"/> | 125.000  | 109.370    | 1626499.54  | 0.4849 | M    | 8.1  |
| 5 | <input type="checkbox"/> | 250.000  | 244.554    | 3717841.51  | 1.0843 | A    | 1.0  |
| 6 | <input type="checkbox"/> | 500.000  | 500.278    | 7754923.29  | 2.2181 | A    | 1.0  |
| 7 | <input type="checkbox"/> | 1000.000 | 1003.550   | 15928064.34 | 4.4494 | A    | 0.5  |
| 8 | <input type="checkbox"/> |          |            | 842.26      | 0.0003 | P    | 10.5 |

$$y = 0.0044 * x + 6.3254E-006$$

$$R = 0.9999$$

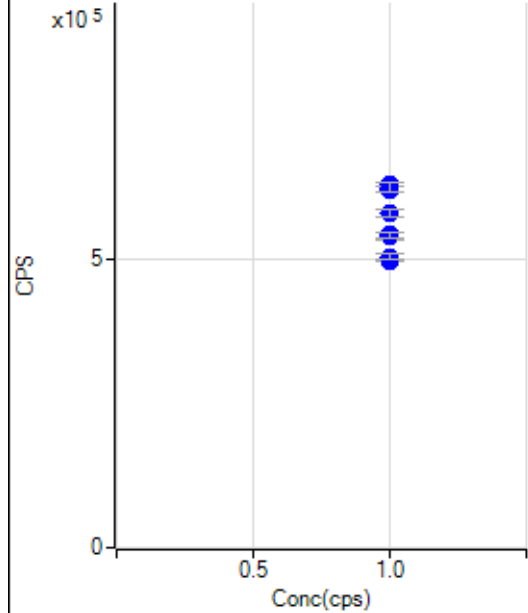
$$DL = 0.003065$$

$$BEC = 0.001427$$

Weight: <None>

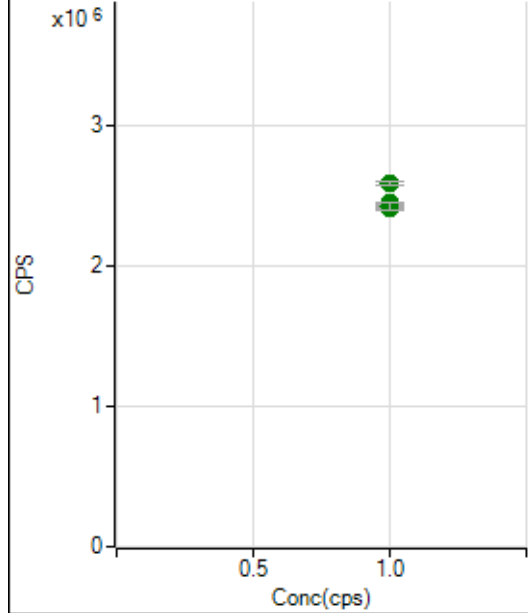
Min Conc: 0

# 6 Li (ISTD) [No Gas]

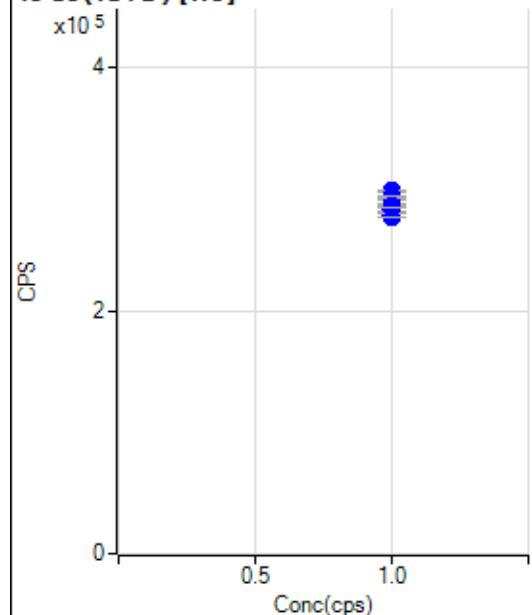


|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 539485.65 |       | P        | 2.1 |
| 2 | <input type="checkbox"/> | 1.000 |            | 497389.69 |       | P        | 0.8 |
| 3 | <input type="checkbox"/> | 1.000 |            | 503241.04 |       | P        | 2.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 541886.31 |       | P        | 2.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 578717.97 |       | P        | 2.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 620672.86 |       | P        | 1.6 |
| 7 | <input type="checkbox"/> | 1.000 |            | 628274.63 |       | P        | 0.9 |
| 8 | <input type="checkbox"/> | 1.000 |            | 623210.00 |       | P        | 2.5 |

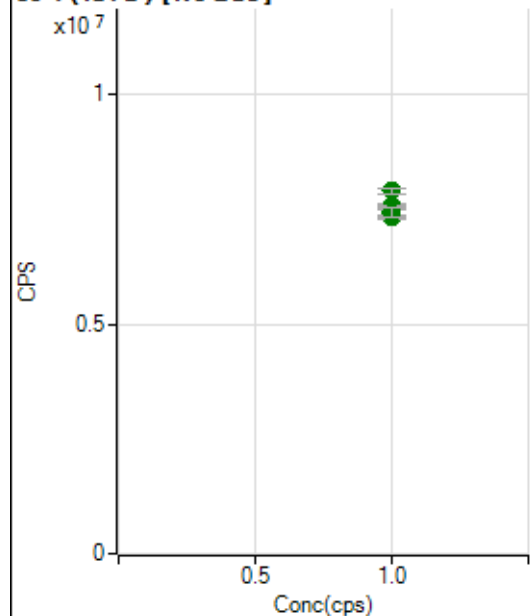
# 45 Sc (ISTD) [No Gas]



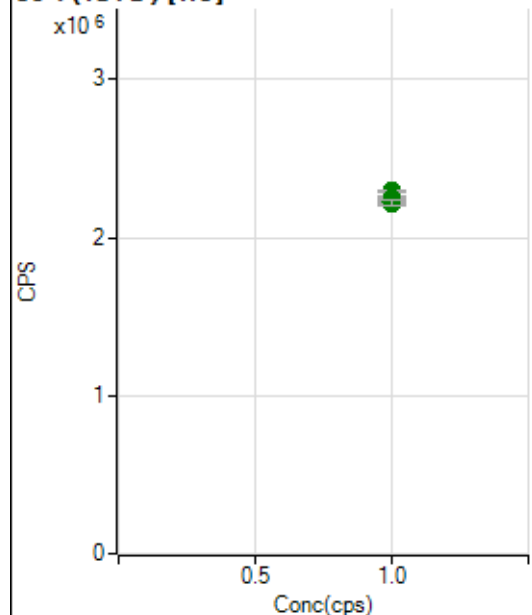
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2588558.59 |       | A        | 1.1 |
| 2 | <input type="checkbox"/> | 1.000 |            | 2438795.66 |       | A        | 1.4 |
| 3 | <input type="checkbox"/> | 1.000 |            | 2418835.07 |       | A        | 2.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2431653.19 |       | A        | 0.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2450441.32 |       | A        | 0.4 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2430083.61 |       | A        | 1.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2415107.29 |       | A        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2430004.20 |       | A        | 2.2 |

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

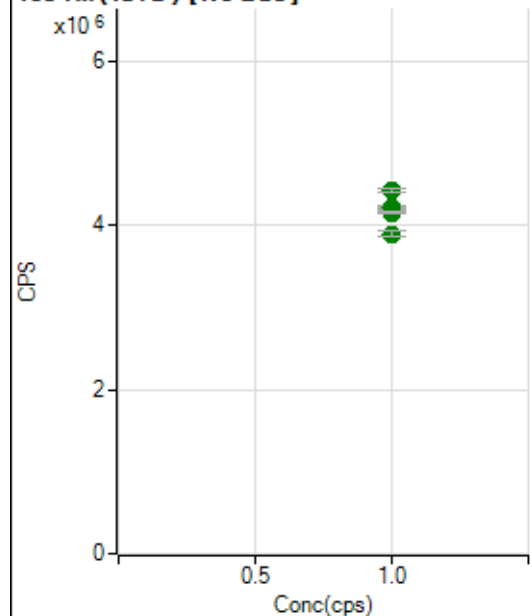
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS       | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|-----------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 298677.21 |       | P        | 0.5 |
| 2 | <input type="checkbox"/> | 1.000 |            | 291790.60 |       | P        | 0.3 |
| 3 | <input type="checkbox"/> | 1.000 |            | 293721.91 |       | P        | 0.3 |
| 4 | <input type="checkbox"/> | 1.000 |            | 287203.47 |       | P        | 0.2 |
| 5 | <input type="checkbox"/> | 1.000 |            | 283425.18 |       | P        | 1.1 |
| 6 | <input type="checkbox"/> | 1.000 |            | 277102.94 |       | P        | 0.4 |
| 7 | <input type="checkbox"/> | 1.000 |            | 278474.99 |       | P        | 0.9 |
| 8 | <input type="checkbox"/> | 1.000 |            | 285099.50 |       | P        | 0.3 |

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

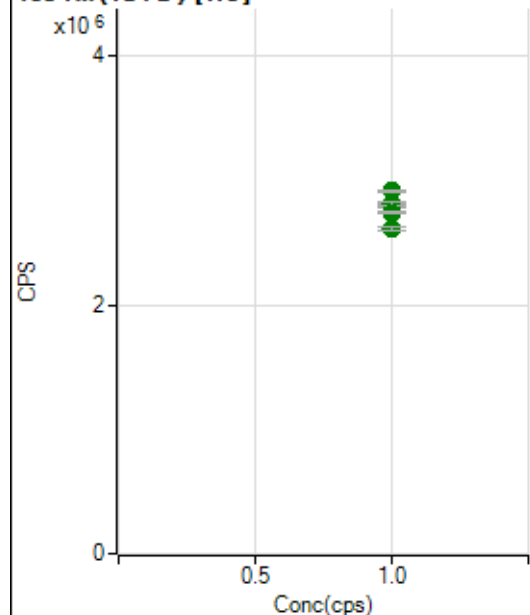
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 7907013.36 |       | A        | 1.7 |
| 2 | <input type="checkbox"/> | 1.000 |            | 7338513.71 |       | A        | 1.4 |
| 3 | <input type="checkbox"/> | 1.000 |            | 7460398.29 |       | A        | 1.8 |
| 4 | <input type="checkbox"/> | 1.000 |            | 7501837.95 |       | A        | 0.5 |
| 5 | <input type="checkbox"/> | 1.000 |            | 7532953.08 |       | A        | 0.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 7592509.75 |       | A        | 0.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 7569790.09 |       | A        | 0.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 7436668.08 |       | A        | 2.5 |

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

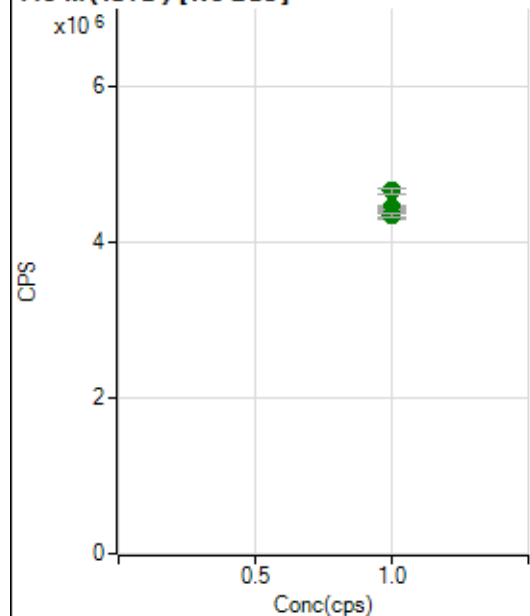
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2294071.72 |       | A        | 0.7 |
| 2 | <input type="checkbox"/> | 1.000 |            | 2254273.14 |       | A        | 0.3 |
| 3 | <input type="checkbox"/> | 1.000 |            | 2237096.25 |       | A        | 0.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2254398.13 |       | A        | 0.7 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2233433.75 |       | A        | 0.6 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2210192.52 |       | A        | 1.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2212893.23 |       | A        | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2223451.48 |       | A        | 1.6 |

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

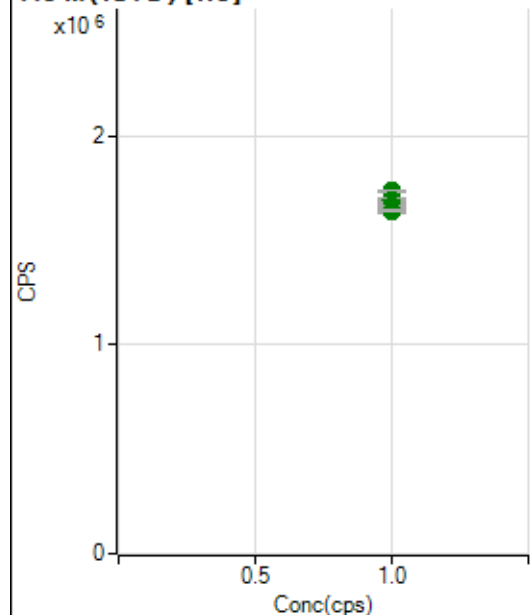
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4422860.49 |       | A        | 1.0 |
| 2 | <input type="checkbox"/> | 1.000 |            | 4205904.91 |       | A        | 0.8 |
| 3 | <input type="checkbox"/> | 1.000 |            | 4195921.78 |       | A        | 1.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4205536.43 |       | A        | 0.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4218010.95 |       | A        | 1.3 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4187827.68 |       | A        | 0.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4151082.58 |       | A        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3893679.94 |       | A        | 1.9 |

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

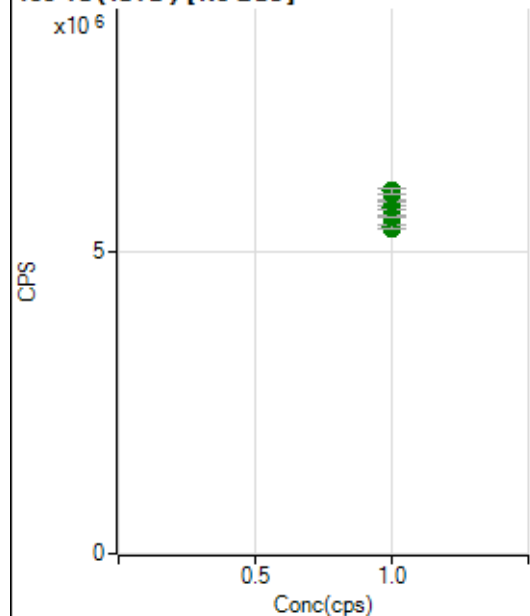
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2918335.83 |       | A        | 0.4 |
| 2 | <input type="checkbox"/> | 1.000 |            | 2792918.29 |       | A        | 0.9 |
| 3 | <input type="checkbox"/> | 1.000 |            | 2809521.73 |       | A        | 0.9 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2820984.51 |       | A        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2812615.51 |       | A        | 0.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2745400.62 |       | A        | 0.1 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2744324.54 |       | A        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2612871.56 |       | A        | 1.0 |

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

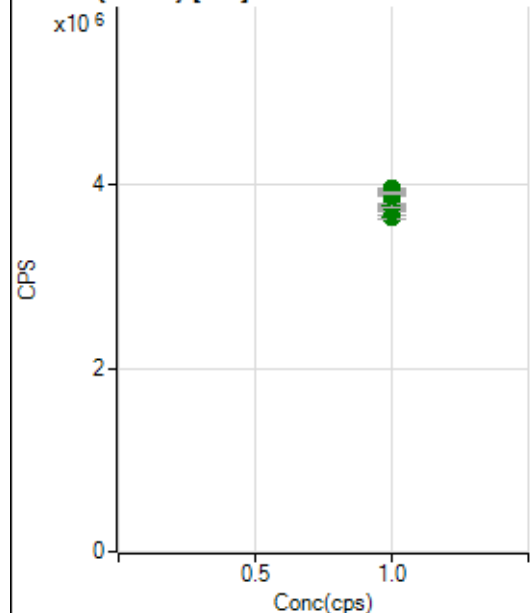
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 4650803.77 |       | A        | 1.4 |
| 2 | <input type="checkbox"/> | 1.000 |            | 4327616.03 |       | A        | 1.3 |
| 3 | <input type="checkbox"/> | 1.000 |            | 4340714.17 |       | A        | 1.7 |
| 4 | <input type="checkbox"/> | 1.000 |            | 4434410.85 |       | A        | 1.6 |
| 5 | <input type="checkbox"/> | 1.000 |            | 4435892.98 |       | A        | 0.8 |
| 6 | <input type="checkbox"/> | 1.000 |            | 4422047.78 |       | A        | 0.7 |
| 7 | <input type="checkbox"/> | 1.000 |            | 4411767.79 |       | A        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 4336672.94 |       | A        | 0.7 |

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

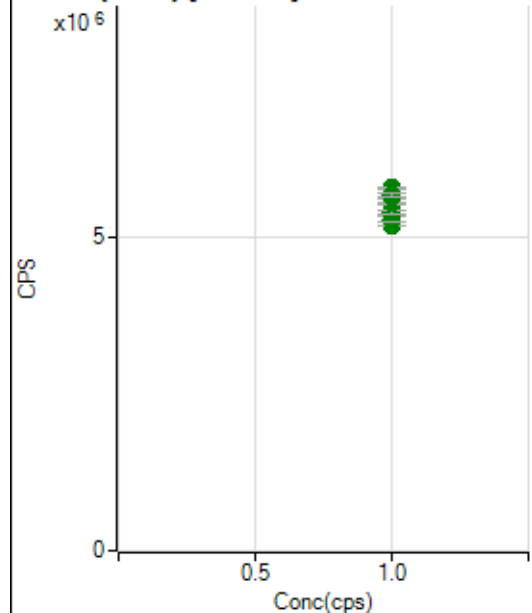
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 1735927.39 |       | A        | 0.8 |
| 2 | <input type="checkbox"/> | 1.000 |            | 1682681.83 |       | A        | 0.8 |
| 3 | <input type="checkbox"/> | 1.000 |            | 1689397.70 |       | A        | 1.2 |
| 4 | <input type="checkbox"/> | 1.000 |            | 1664682.71 |       | A        | 0.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 1694354.52 |       | A        | 1.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 1660986.31 |       | A        | 0.8 |
| 7 | <input type="checkbox"/> | 1.000 |            | 1637713.68 |       | A        | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 1641785.18 |       | A        | 0.2 |

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

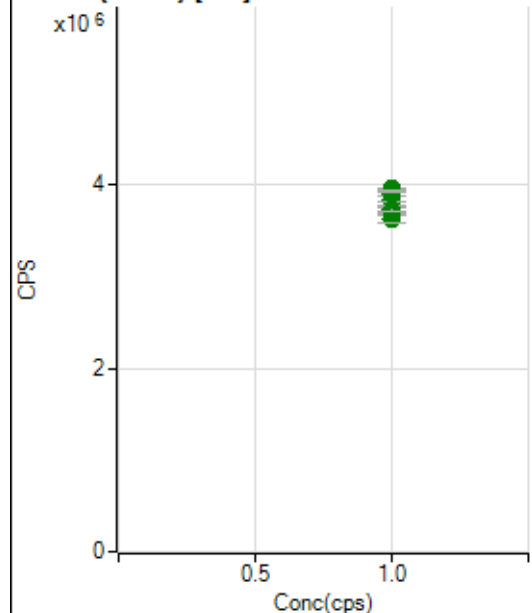
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 5765152.35 |       | A        | 2.1 |
| 2 | <input type="checkbox"/> | 1.000 |            | 5395589.64 |       | A        | 0.3 |
| 3 | <input type="checkbox"/> | 1.000 |            | 5417884.15 |       | A        | 1.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 5598450.06 |       | A        | 0.9 |
| 5 | <input type="checkbox"/> | 1.000 |            | 5744416.30 |       | A        | 1.0 |
| 6 | <input type="checkbox"/> | 1.000 |            | 5849892.90 |       | A        | 0.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 5975135.40 |       | A        | 0.3 |
| 8 | <input type="checkbox"/> | 1.000 |            | 6023692.76 |       | A        | 1.9 |

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

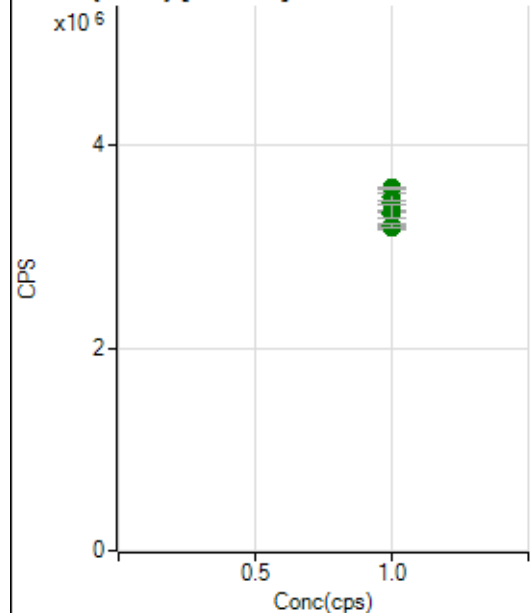
|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 3794036.78 |       | A        | 0.3 |
| 2 | <input type="checkbox"/> | 1.000 |            | 3649622.90 |       | A        | 0.8 |
| 3 | <input type="checkbox"/> | 1.000 |            | 3725187.76 |       | A        | 0.1 |
| 4 | <input type="checkbox"/> | 1.000 |            | 3784660.81 |       | A        | 1.3 |
| 5 | <input type="checkbox"/> | 1.000 |            | 3894230.84 |       | A        | 0.9 |
| 6 | <input type="checkbox"/> | 1.000 |            | 3895382.48 |       | A        | 1.0 |
| 7 | <input type="checkbox"/> | 1.000 |            | 3960839.11 |       | A        | 0.8 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3916400.19 |       | A        | 0.9 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 5580940.96 |       | A        | 1.5 |
| 2 | <input type="checkbox"/> | 1.000 |            | 5197526.90 |       | A        | 0.5 |
| 3 | <input type="checkbox"/> | 1.000 |            | 5305575.93 |       | A        | 1.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 5400763.81 |       | A        | 1.1 |
| 5 | <input type="checkbox"/> | 1.000 |            | 5557944.64 |       | A        | 0.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 5675760.33 |       | A        | 1.5 |
| 7 | <input type="checkbox"/> | 1.000 |            | 5804225.89 |       | A        | 0.4 |
| 8 | <input type="checkbox"/> | 1.000 |            | 5693787.56 |       | A        | 1.1 |

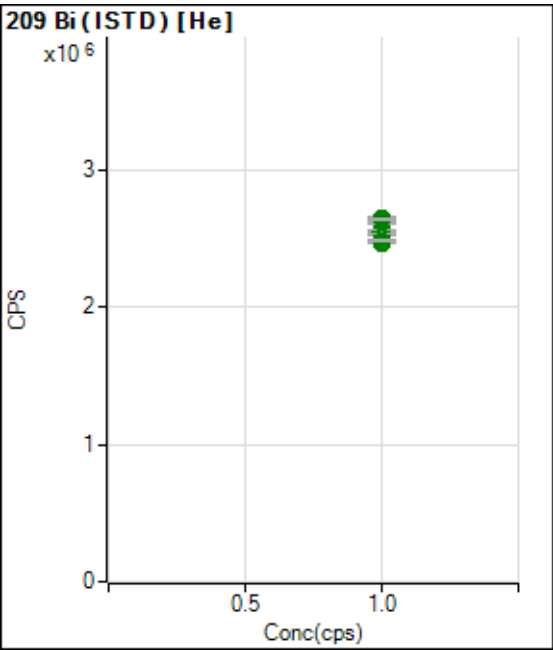
**165 Ho (ISTD) [He]**

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 3731798.24 |       | A        | 0.9 |
| 2 | <input type="checkbox"/> | 1.000 |            | 3624524.35 |       | A        | 2.1 |
| 3 | <input type="checkbox"/> | 1.000 |            | 3683740.40 |       | A        | 0.0 |
| 4 | <input type="checkbox"/> | 1.000 |            | 3738451.26 |       | A        | 1.8 |
| 5 | <input type="checkbox"/> | 1.000 |            | 3843742.55 |       | A        | 1.5 |
| 6 | <input type="checkbox"/> | 1.000 |            | 3904280.25 |       | A        | 1.2 |
| 7 | <input type="checkbox"/> | 1.000 |            | 3953481.85 |       | A        | 0.7 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3922631.58 |       | A        | 0.4 |

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

|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 3328331.24 |       | A        | 2.3 |
| 2 | <input type="checkbox"/> | 1.000 |            | 3183674.02 |       | A        | 0.9 |
| 3 | <input type="checkbox"/> | 1.000 |            | 3206976.55 |       | A        | 1.4 |
| 4 | <input type="checkbox"/> | 1.000 |            | 3353499.98 |       | A        | 0.4 |
| 5 | <input type="checkbox"/> | 1.000 |            | 3428950.40 |       | A        | 1.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 3495840.19 |       | A        | 1.9 |
| 7 | <input type="checkbox"/> | 1.000 |            | 3579823.49 |       | A        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 3347138.39 |       | A        | 4.0 |





|   | Rj<br>ct                 | Conc. | Calc Conc. | CPS        | Ratio | Det<br>. | RSD |
|---|--------------------------|-------|------------|------------|-------|----------|-----|
| 1 | <input type="checkbox"/> | 1.000 |            | 2538018.95 |       | A        | 0.7 |
| 2 | <input type="checkbox"/> | 1.000 |            | 2469520.76 |       | A        | 0.5 |
| 3 | <input type="checkbox"/> | 1.000 |            | 2470681.20 |       | A        | 0.6 |
| 4 | <input type="checkbox"/> | 1.000 |            | 2555631.16 |       | A        | 1.0 |
| 5 | <input type="checkbox"/> | 1.000 |            | 2621545.12 |       | A        | 1.2 |
| 6 | <input type="checkbox"/> | 1.000 |            | 2645384.08 |       | A        | 1.3 |
| 7 | <input type="checkbox"/> | 1.000 |            | 2645952.10 |       | A        | 0.5 |
| 8 | <input type="checkbox"/> | 1.000 |            | 2488142.90 |       | A        | 0.2 |

US EPA Tune Check Report

Operator Name                      Jaswal

Acq/Data Batch                    D:\Agilent\ICPMH\1\DATA\IP7103024 MS.b

Acq. Date-Time                   2024-10-30 11:23:44

Report Comment                   ---

Instrument Name                  G8403A JP14410463

[No Gas]

Sensitivity

| Mass | Conc. [ug/l] | Count  | CPS        | Resp (Required) [cps/ug/l] | Resp (Flag) | RSD%   | RSD% (Required) |
|------|--------------|--------|------------|----------------------------|-------------|--------|-----------------|
| 9    |              | 4244   | 42439.84   |                            |             | 2.177  | 5.000           |
| 24   |              | 137872 | 1378717.33 |                            |             | 1.106  | 5.000           |
| 25   |              | 19773  | 197729.13  |                            |             | 1.365  | 5.000           |
| 26   |              | 23913  | 239130.49  |                            |             | 1.544  | 5.000           |
| 59   |              | 38742  | 387419.07  |                            |             | 1.566  | 5.000           |
| 113  |              | 2988   | 29875.63   |                            |             | 2.352  | 5.000           |
| 115  |              | 66351  | 663509.26  |                            |             | 2.134  | 5.000           |
| 206  |              | 13280  | 132798.67  |                            |             | 2.388  | 5.000           |
| 207  |              | 10918  | 109182.48  |                            |             | 2.611  | 5.000           |
| 208  |              | 26989  | 269891.35  |                            |             | 2.746  | 5.000           |
| 220  |              | 1      | 6.20       |                            |             | 26.503 |                 |

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

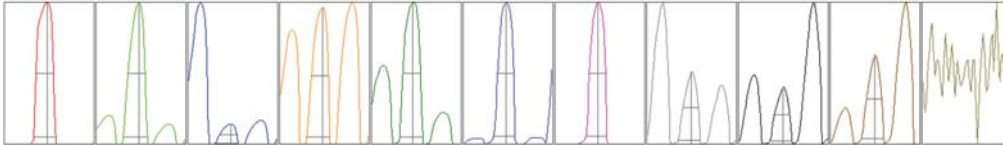
| Mass | Rep#1 Count | Rep#2 Count | Rep#3 Count | Rep#4 Count | Rep#5 Count |
|------|-------------|-------------|-------------|-------------|-------------|
| 9    | 4312        | 4325        | 4282        | 4106        | 4195        |
| 24   | 138630      | 137594      | 137530      | 135738      | 139867      |
| 25   | 19983       | 19959       | 19804       | 19314       | 19806       |
| 26   | 24237       | 24118       | 23955       | 23286       | 23968       |
| 59   | 39474       | 38891       | 38742       | 37789       | 38813       |
| 113  | 3072        | 3026        | 2991        | 2884        | 2965        |
| 115  | 68203       | 66985       | 66268       | 64345       | 65954       |
| 206  | 13758       | 13394       | 13218       | 12925       | 13104       |
| 207  | 11289       | 11100       | 10886       | 10562       | 10754       |
| 208  | 27985       | 27366       | 26902       | 26009       | 26683       |

# US EPA Tune Check Report

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

Integration Time [sec] 0.1

## Resolution/Axis



| Mass | Peak Height | Axis   | Axis (Required) | Axis (Flag) |
|------|-------------|--------|-----------------|-------------|
| 9    | 7436.91     | 8.95   | 8.90 - 9.10     |             |
| 24   | 257241.05   | 23.95  | 23.90 - 24.10   |             |
| 25   | 35548.08    | 24.95  | 24.90 - 25.10   |             |
| 26   | 42620.85    | 25.95  | 25.90 - 26.10   |             |
| 59   | 68257.93    | 58.90  | 58.90 - 59.10   |             |
| 113  | 5735.13     | 112.95 | 112.90 - 113.10 |             |
| 115  | 127475.70   | 114.95 | 114.90 - 115.10 |             |
| 206  | 26855.69    | 206.00 | 205.90 - 206.10 |             |
| 207  | 22142.54    | 207.00 | 206.90 - 207.10 |             |
| 208  | 54617.65    | 208.00 | 207.90 - 208.10 |             |
| 220  |             |        | -               |             |

| Mass | W-50% | W-5%  | W-5% (Required) | W-5% (Flag) |
|------|-------|-------|-----------------|-------------|
| 9    | 0.60  | 0.736 | 0.900           |             |
| 24   | 0.59  | 0.813 | 0.900           |             |
| 25   | 0.58  | 0.749 | 0.900           |             |
| 26   | 0.58  | 0.771 | 0.900           |             |
| 59   | 0.61  | 0.781 | 0.900           |             |
| 113  | 0.53  | 0.728 | 0.900           |             |
| 115  | 0.54  | 0.707 | 0.900           |             |
| 206  | 0.51  | 0.735 | 0.900           |             |
| 207  | 0.51  | 0.738 | 0.900           |             |
| 208  | 0.50  | 0.763 | 0.900           |             |
| 220  |       |       |                 |             |

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

## Tune Parameters

### Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.75 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  | 1.80 V | Nebulizer Pump | 0.10 rps | Plasma Gas    | 15.0 L/min |
| Sample Depth | 9.0 mm | S/C Temp       | 2 °C     |               |            |

Lens Parameters

|            |          |               |        |            |        |
|------------|----------|---------------|--------|------------|--------|
| Extract 1  | 0.0 V    | Omega Lens    | 10.0 V | Deflect    | 16.6 V |
| Extract 2  | -250.0 V | Cell Entrance | -30 V  | Plate Bias | -35 V  |
| Omega Bias | -105 V   | Cell Exit     | -50 V  |            |        |

Cell Parameters

|         |            |              |        |                       |       |
|---------|------------|--------------|--------|-----------------------|-------|
| Use Gas | No         | 3rd Gas Flow | ---    | Energy Discrimination | 5.0 V |
| He Flow | 0.0 mL/min | OctP Bias    | -8.0 V |                       |       |
| H2 Flow | ---        | OctP RF      | 190 V  |                       |       |

QP Parameters

|             |     |             |        |         |        |
|-------------|-----|-------------|--------|---------|--------|
| Mass Gain   | 136 | Axis Gain   | 0.9979 | QP Bias | -3.0 V |
| Mass Offset | 130 | Axis Offset | 0.06   |         |        |

Hardware Settings

Torch

|         |         |         |        |
|---------|---------|---------|--------|
| Torch H | -0.6 mm | Torch V | 0.6 mm |
|---------|---------|---------|--------|

EM

|               |        |           |        |          |        |
|---------------|--------|-----------|--------|----------|--------|
| Discriminator | 4.9 mV | Analog HV | 2429 V | Pulse HV | 2000 V |
|---------------|--------|-----------|--------|----------|--------|

[He]

Sensitivity

| Mass | Conc. [ug/l] | Count | CPS       | Resp (Required) [cps/ug/l] | Resp (Flag) | RSD%  | RSD% (Required) |
|------|--------------|-------|-----------|----------------------------|-------------|-------|-----------------|
| 59   |              | 17486 | 174864.98 |                            |             | 0.418 |                 |
| 89   |              | 85072 | 850722.23 |                            |             | 1.514 |                 |
| 205  |              | 17544 | 175443.90 |                            |             | 0.355 |                 |

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

| Mass | Rep#1 Count | Rep#2 Count | Rep#3 Count | Rep#4 Count | Rep#5 Count |
|------|-------------|-------------|-------------|-------------|-------------|
| 59   | 17537       | 17542       | 17517       | 17367       | 17469       |
| 89   | 87124       | 85519       | 84551       | 84069       | 84099       |
| 205  | 17562       | 17444       | 17616       | 17547       | 17552       |

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

|              |        |                |            |               |            |
|--------------|--------|----------------|------------|---------------|------------|
| Plasma Mode  | ---    | Nebulizer Gas  | 0.75 L/min | Dilution Gas  | 0.40 L/min |
| RF Power     | 1600 W | Option Gas     | ---        | Auxiliary Gas | 0.90 L/min |
| RF Matching  | 1.80 V | Nebulizer Pump | 0.10 rps   | Plasma Gas    | 15.0 L/min |
| Sample Depth | 9.0 mm | S/C Temp       | 2 °C       |               |            |

Lens Parameters

|           |       |            |        |         |       |
|-----------|-------|------------|--------|---------|-------|
| Extract 1 | 0.0 V | Omega Lens | 10.3 V | Deflect | 3.8 V |
|-----------|-------|------------|--------|---------|-------|

# US EPA Tune Check Report

|                   |            |               |         |                       |         |
|-------------------|------------|---------------|---------|-----------------------|---------|
| Extract 2         | -235.0 V   | Cell Entrance | -40 V   | Plate Bias            | -60 V   |
| Omega Bias        | -110 V     | Cell Exit     | -60 V   |                       |         |
| Cell Parameters   |            |               |         |                       |         |
| Use Gas           | Yes        | 3rd Gas Flow  | ---     | Energy Discrimination | 5.0 V   |
| He Flow           | 3.9 mL/min | OctP Bias     | -18.0 V |                       |         |
| H2 Flow           | ---        | OctP RF       | 200 V   |                       |         |
| QP Parameters     |            |               |         |                       |         |
| Mass Gain         | 136        | Axis Gain     | 0.9979  | QP Bias               | -13.0 V |
| Mass Offset       | 130        | Axis Offset   | 0.06    |                       |         |
| Hardware Settings |            |               |         |                       |         |
| Torch             |            |               |         |                       |         |
| Torch H           | -0.6 mm    | Torch V       | 0.6 mm  |                       |         |
| EM                |            |               |         |                       |         |
| Discriminator     | 4.9 mV     | Analog HV     | 2429 V  | Pulse HV              | 2000 V  |

LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

S00

Instrumnet Name :

P7

Client Sample ID :

S0

Dilution Factor :

1

Date & Time Acquired :

2024-10-30 12:18:29

DataFile Name :

004CALB.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | -0.22   | -0.16   | 0.39    | 0.00       | N/A     | ppb   |
| Antimony   | 121-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Arsenic    | 75-2  | 0.00    | 0.01    | 0.00    | 0.00       | N/A     | ppb   |
| Barium     | 135-1 | 0.00    | 0.01    | 0.00    | 0.00       | N/A     | ppb   |
| Barium     | 137-1 | 0.00    | 0.00    | -0.01   | 0.00       | N/A     | ppb   |
| Beryllium  | 9-1   | -0.01   | 0.02    | -0.01   | 0.00       | N/A     | ppb   |
| Bismuth    | 209-1 |         |         |         | 100        |         | %     |
| Bismuth    | 209-2 |         |         |         | 100        |         | %     |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Bromine    | 81-2  |         |         |         |            |         | cps   |
| Cadmium    | 108-1 | -0.03   | -0.03   | 0.05    | 0.00       | N/A     | ppb   |
| Cadmium    | 106-1 | 0.24    | -0.41   | 0.16    | 0.00       | N/A     | ppb   |
| Cadmium    | 111-1 | 0.02    | -0.03   | 0.01    | 0.00       | N/A     | ppb   |
| Calcium    | 43-1  | 0.24    | 1.70    | -1.94   | 0.00       | N/A     | ppb   |
| Calcium    | 44-1  | -0.88   | 0.68    | 0.20    | 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    | -0.01   | -0.01   | 0.00       | N/A     | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Copper     | 63-2  | 0.00    | -0.01   | 0.01    | 0.00       | N/A     | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 100        |         | %     |
| Holmium    | 165-2 |         |         |         | 100        |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Iron       | 56-2  | 0.09    | 0.05    | -0.14   | 0.00       | N/A     | ppb   |
| Iron       | 57-2  | 1.28    | 0.02    | -1.30   | 0.00       | N/A     | ppb   |
| Iron       | 54-2  | -0.03   | 0.28    | -0.25   | 0.00       | N/A     | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : S0 Instrumnet Name : P7  
Client Sample ID : S0 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 12:18:29 DataFile Name : 004CALB.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Lead       | 206-1 | -0.01   | 0.00    | 0.01    | 0.00       | N/A     | ppb   |
| Lead       | 207-1 | 0.00    | -0.01   | 0.01    | 0.00       | N/A     | ppb   |
| Lead       | 208-1 | -0.01   | 0.00    | 0.01    | 0.00       | N/A     | ppb   |
| Lithium    | 6-1   |         |         |         | 100        |         | %     |
| Magnesium  | 24-2  | -0.08   | 0.11    | -0.03   | 0.00       | N/A     | ppb   |
| Manganese  | 55-2  | 0.00    | -0.02   | 0.02    | 0.00       | N/A     | ppb   |
| Molybdenum | 94-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 95-1  | -0.01   | 0.01    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 96-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 97-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Molybdenum | 98-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.02    | 0.00    | -0.02   | 0.00       | N/A     | ppb   |
| Phosphorus | 31-2  | -17.09  | -16.43  | -22.53  | -18.68     |         | ppb   |
| Potassium  | 39-2  | 1.39    | -0.95   | -0.44   | 0.00       | N/A     | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Rhodium    | 103-2 |         |         |         | 100        |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 100        |         | %     |
| Selenium   | 82-1  | 0.52    | -0.27   | -0.25   | 0.00       | N/A     | ppb   |
| Selenium   | 77-2  | 0.00    | 0.37    | -0.37   | 0.00       | N/A     | ppb   |
| Selenium   | 78-2  | 0.51    | -1.18   | 0.68    | 0.00       | N/A     | ppb   |
| Silicon    | 28-1  | -0.53   | 0.18    | 0.35    | 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  | 0.58    | -1.03   | 0.45    | 0.00       | N/A     | ppb   |
| Strontium  | 86-1  | -0.01   | 0.01    | 0.00    | 0.00       | N/A     | ppb   |
| Strontium  | 88-1  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Sulfur     | 34-1  | -229.27 | -232.28 | -80.27  | -180.61    |         | 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    | 0.00    | -0.01   | 0.00       | N/A     | ppb   |
| Titanium   | 47-1  | -0.03   | 0.02    | 0.01    | 0.00       | N/A     | ppb   |

LB Number :LB133210

Operator :Jaswal

Lab Sample ID :S00

Instrumnet Name :P7

Client Sample ID :S0

Dilution Factor :1

Date & Time Acquired :2024-10-30 12:18:29

DataFile Name :004CALB.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Uranium   | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Vanadium  | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Yttrium   | 89-1  |         |         |         | 100        |         | %     |
| Yttrium   | 89-2  |         |         |         | 100        |         | %     |
| Zinc      | 66-2  | -0.05   | 0.08    | -0.02   | 0.00       | N/A     | ppb   |
| Zirconium | 90-1  | 0.01    | 0.00    | 0.00    | 0.00       | N/A     | ppb   |
| Zirconium | 91-1  | 0.00    | 0.01    | -0.01   | 0.00       | N/A     | ppb   |



LB Number :  
Lab Sample ID :  
Client Sample ID :  
Date & Time Acquired :

LB133210  
S02  
S02  
2024-10-30 12:25:05

Operator :  
Instrumnet Name :  
Dilution Factor :  
DataFile Name :

Jaswal  
P7  
1  
006CALS.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 18.40   | 19.26   | 18.68   | 18.78      | 2.35    | ppb   |
| Antimony   | 121-1 | 1.86    | 1.96    | 1.90    | 1.91       | 2.50    | ppb   |
| Arsenic    | 75-2  | 0.96    | 1.29    | 1.01    | 1.09       | 16.44   | ppb   |
| Barium     | 135-1 | 8.98    | 9.25    | 9.17    | 9.14       | 1.52    | ppb   |
| Barium     | 137-1 | 9.06    | 9.12    | 9.06    | 9.08       | 0.38    | ppb   |
| Beryllium  | 9-1   | 1.08    | 1.00    | 1.01    | 1.03       | 4.20    | ppb   |
| Bismuth    | 209-1 |         |         |         | 96         |         | %     |
| Bismuth    | 209-2 |         |         |         | 97         |         | %     |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Bromine    | 81-2  |         |         |         |            |         | cps   |
| Cadmium    | 108-1 | 1.10    | 1.01    | 0.93    | 1.01       | 8.11    | ppb   |
| Cadmium    | 106-1 | 1.40    | 0.93    | 1.49    | 1.27       | 23.53   | ppb   |
| Cadmium    | 111-1 | 1.10    | 0.99    | 1.11    | 1.07       | 6.23    | ppb   |
| Calcium    | 43-1  | 488.74  | 477.27  | 494.37  | 486.79     | 1.79    | ppb   |
| Calcium    | 44-1  | 491.41  | 490.73  | 497.37  | 493.17     | 0.74    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 2.04    | 2.03    | 2.04    | 2.03       | 0.36    | ppb   |
| Cobalt     | 59-2  | 1.01    | 0.98    | 0.99    | 0.99       | 1.83    | ppb   |
| Copper     | 63-2  | 1.87    | 1.78    | 1.91    | 1.86       | 3.50    | 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 |         |         |         | 93         |         | %     |
| Holmium    | 165-2 |         |         |         | 97         |         | %     |
| Indium     | 115-1 |         |         |         | 93         |         | %     |
| Indium     | 115-2 |         |         |         | 97         |         | %     |
| Iron       | 56-2  | 51.71   | 51.19   | 51.83   | 51.58      | 0.65    | ppb   |
| Iron       | 57-2  | 51.89   | 54.23   | 59.13   | 55.09      | 6.71    | ppb   |
| Iron       | 54-2  | 56.98   | 55.12   | 55.93   | 56.01      | 1.67    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |

LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

S02

Instrumnet Name :

P7

Client Sample ID :

S02

Dilution Factor :

1

Date & Time Acquired :

2024-10-30 12:25:05

DataFile Name :

006CAL.S.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Lead       | 206-1 | 0.86    | 0.85    | 0.81    | 0.84       | 3.18    | ppb   |
| Lead       | 207-1 | 0.80    | 0.78    | 0.81    | 0.80       | 1.55    | ppb   |
| Lead       | 208-1 | 0.83    | 0.82    | 0.82    | 0.82       | 0.06    | ppb   |
| Lithium    | 6-1   |         |         |         | 92         |         | %     |
| Magnesium  | 24-2  | 509.99  | 500.80  | 507.74  | 506.18     | 0.95    | ppb   |
| Manganese  | 55-2  | 0.99    | 1.05    | 0.99    | 1.01       | 3.48    | ppb   |
| Molybdenum | 94-1  | 5.44    | 5.11    | 5.11    | 5.22       | 3.65    | ppb   |
| Molybdenum | 95-1  | 4.28    | 4.31    | 4.14    | 4.24       | 2.09    | ppb   |
| Molybdenum | 96-1  | 4.30    | 4.38    | 4.42    | 4.37       | 1.37    | ppb   |
| Molybdenum | 97-1  | 4.24    | 4.18    | 4.32    | 4.25       | 1.66    | ppb   |
| Molybdenum | 98-1  | 4.17    | 4.15    | 4.28    | 4.20       | 1.67    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.12    | 0.94    | 1.09    | 1.05       | 8.99    | ppb   |
| Phosphorus | 31-2  | 18.50   | 20.50   | 17.05   | 18.68      | 9.28    | ppb   |
| Potassium  | 39-2  | 515.06  | 511.18  | 517.48  | 514.58     | 0.62    | ppb   |
| Rhodium    | 103-1 |         |         |         | 95         |         | %     |
| Rhodium    | 103-2 |         |         |         | 96         |         | %     |
| Scandium   | 45-1  |         |         |         | 94         |         | %     |
| Scandium   | 45-2  |         |         |         | 98         |         | %     |
| Selenium   | 82-1  | 5.37    | 4.01    | 5.00    | 4.79       | 14.69   | ppb   |
| Selenium   | 77-2  | 3.75    | 6.02    | 4.87    | 4.88       | 23.31   | ppb   |
| Selenium   | 78-2  | 4.78    | 7.81    | 4.45    | 5.68       | 32.65   | ppb   |
| Silicon    | 28-1  | 5.81    | 4.97    | 5.38    | 5.38       | 7.83    | ppb   |
| Silver     | 107-1 | 0.91    | 0.98    | 0.95    | 0.95       | 3.48    | ppb   |
| Silver     | 109-1 | 0.91    | 0.99    | 1.01    | 0.97       | 5.43    | ppb   |
| Sodium     | 23-2  | 495.92  | 489.57  | 496.45  | 493.98     | 0.77    | ppb   |
| Strontium  | 86-1  | 0.96    | 1.01    | 0.96    | 0.98       | 2.95    | ppb   |
| Strontium  | 88-1  | 0.95    | 0.98    | 0.98    | 0.97       | 1.42    | ppb   |
| Sulfur     | 34-1  | 292.77  | 62.93   | 186.11  | 180.61     | 63.69   | ppb   |
| Terbium    | 159-1 |         |         |         | 94         |         | %     |
| Terbium    | 159-2 |         |         |         | 96         |         | %     |
| Thallium   | 203-1 | 0.84    | 0.84    | 0.85    | 0.84       | 0.29    | ppb   |
| Thallium   | 205-1 | 0.79    | 0.80    | 0.84    | 0.81       | 3.58    | ppb   |
| Tin        | 118-1 | 4.52    | 4.64    | 4.65    | 4.60       | 1.53    | ppb   |
| Titanium   | 47-1  | 4.36    | 4.37    | 4.48    | 4.40       | 1.59    | ppb   |

LB Number :  
Lab Sample ID :  
Client Sample ID :  
Date & Time Acquired :

LB133210  
S02  
S02  
2024-10-30 12:25:05

Operator :  
Instrumnet Name :  
Dilution Factor :  
DataFile Name :

Jaswal  
P7  
1  
006CALS.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Uranium   | 238-1 | 0.79    | 0.77    | 0.80    | 0.79       | 2.04    | ppb   |
| Vanadium  | 51-2  | 4.91    | 4.92    | 4.86    | 4.90       | 0.69    | ppb   |
| Yttrium   | 89-1  |         |         |         | 93         |         | %     |
| Yttrium   | 89-2  |         |         |         | 98         |         | %     |
| Zinc      | 66-2  | 5.02    | 4.63    | 5.01    | 4.89       | 4.64    | ppb   |
| Zirconium | 90-1  | 0.95    | 0.94    | 0.97    | 0.95       | 1.34    | ppb   |
| Zirconium | 91-1  | 0.97    | 0.99    | 0.97    | 0.98       | 1.44    | ppb   |

LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

S03

Instrumnet Name :

P7

Client Sample ID :

S03

Dilution Factor :

1

Date & Time Acquired :

2024-10-30 12:28:22

DataFile Name :

007CALS.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1016.12 | 1018.70 | 1025.25 | 1020.02    | 0.46    | ppb   |
| Antimony   | 121-1 | 49.76   | 52.06   | 51.92   | 51.25      | 2.51    | ppb   |
| Arsenic    | 75-2  | 52.44   | 53.39   | 51.98   | 52.61      | 1.37    | ppb   |
| Barium     | 135-1 | 242.79  | 254.14  | 249.77  | 248.90     | 2.30    | ppb   |
| Barium     | 137-1 | 239.94  | 251.22  | 249.56  | 246.91     | 2.47    | ppb   |
| Beryllium  | 9-1   | 53.01   | 57.20   | 57.88   | 56.03      | 4.70    | ppb   |
| Bismuth    | 209-1 |         |         |         | 96         |         | %     |
| Bismuth    | 209-2 |         |         |         | 97         |         | %     |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Bromine    | 81-2  |         |         |         |            |         | cps   |
| Cadmium    | 108-1 | 50.62   | 55.27   | 58.74   | 54.88      | 7.42    | ppb   |
| Cadmium    | 106-1 | 53.75   | 55.98   | 54.30   | 54.68      | 2.13    | ppb   |
| Cadmium    | 111-1 | 53.65   | 55.96   | 54.42   | 54.68      | 2.15    | ppb   |
| Calcium    | 43-1  | 5668.21 | 6204.18 | 5778.75 | 5883.71    | 4.81    | ppb   |
| Calcium    | 44-1  | 5443.05 | 5749.58 | 5512.58 | 5568.40    | 2.89    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 51.56   | 51.32   | 50.95   | 51.27      | 0.60    | ppb   |
| Cobalt     | 59-2  | 50.26   | 50.39   | 50.42   | 50.36      | 0.17    | ppb   |
| Copper     | 63-2  | 494.62  | 500.01  | 498.54  | 497.72     | 0.56    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 95         |         | %     |
| Holmium    | 165-2 |         |         |         | 99         |         | %     |
| Indium     | 115-1 |         |         |         | 93         |         | %     |
| Indium     | 115-2 |         |         |         | 97         |         | %     |
| Iron       | 56-2  | 2602.17 | 2592.80 | 2569.97 | 2588.31    | 0.64    | ppb   |
| Iron       | 57-2  | 2631.61 | 2653.13 | 2638.63 | 2641.12    | 0.42    | ppb   |
| Iron       | 54-2  | 2716.98 | 2701.61 | 2701.05 | 2706.55    | 0.33    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |

LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

S03

Instrumnet Name :

P7

Client Sample ID :

S03

Dilution Factor :

1

Date & Time Acquired :

2024-10-30 12:28:22

DataFile Name :

007CAL.S.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Lead       | 206-1 | 220.73  | 226.41  | 221.17  | 222.77     | 1.42    | ppb   |
| Lead       | 207-1 | 220.52  | 223.39  | 223.09  | 222.33     | 0.71    | ppb   |
| Lead       | 208-1 | 236.26  | 243.23  | 237.73  | 239.07     | 1.54    | ppb   |
| Lithium    | 6-1   |         |         |         | 93         |         | %     |
| Magnesium  | 24-2  | 4909.10 | 4875.58 | 4939.76 | 4908.15    | 0.65    | ppb   |
| Manganese  | 55-2  | 509.87  | 512.36  | 512.11  | 511.45     | 0.27    | ppb   |
| Molybdenum | 94-1  | 480.62  | 512.55  | 505.01  | 499.40     | 3.34    | ppb   |
| Molybdenum | 95-1  | 481.46  | 512.97  | 504.24  | 499.55     | 3.26    | ppb   |
| Molybdenum | 96-1  | 478.78  | 510.94  | 509.99  | 499.90     | 3.66    | ppb   |
| Molybdenum | 97-1  | 478.15  | 512.11  | 499.00  | 496.42     | 3.45    | ppb   |
| Molybdenum | 98-1  | 482.99  | 521.44  | 510.97  | 505.13     | 3.93    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 51.69   | 52.55   | 52.49   | 52.24      | 0.92    | ppb   |
| Phosphorus | 31-2  | 996.82  | 976.86  | 967.74  | 980.47     | 1.52    | ppb   |
| Potassium  | 39-2  | 2709.29 | 2713.97 | 2715.03 | 2712.76    | 0.11    | ppb   |
| Rhodium    | 103-1 |         |         |         | 95         |         | %     |
| Rhodium    | 103-2 |         |         |         | 96         |         | %     |
| Scandium   | 45-1  |         |         |         | 93         |         | %     |
| Scandium   | 45-2  |         |         |         | 98         |         | %     |
| Selenium   | 82-1  | 47.83   | 54.43   | 53.10   | 51.79      | 6.74    | ppb   |
| Selenium   | 77-2  | 51.12   | 54.57   | 50.66   | 52.12      | 4.09    | ppb   |
| Selenium   | 78-2  | 50.27   | 52.70   | 53.90   | 52.29      | 3.54    | ppb   |
| Silicon    | 28-1  | 55.89   | 60.56   | 57.24   | 57.90      | 4.15    | ppb   |
| Silver     | 107-1 | 52.76   | 55.51   | 53.99   | 54.09      | 2.55    | ppb   |
| Silver     | 109-1 | 51.87   | 54.47   | 53.59   | 53.31      | 2.48    | ppb   |
| Sodium     | 23-2  | 5086.08 | 4930.12 | 4999.46 | 5005.22    | 1.56    | ppb   |
| Strontium  | 86-1  | 1269.52 | 1321.99 | 1317.69 | 1303.07    | 2.24    | ppb   |
| Strontium  | 88-1  | 1252.34 | 1325.58 | 1302.31 | 1293.41    | 2.89    | ppb   |
| Sulfur     | 34-1  | 1271.75 | 1557.18 | 1119.25 | 1316.06    | 16.89   | ppb   |
| Terbium    | 159-1 |         |         |         | 94         |         | %     |
| Terbium    | 159-2 |         |         |         | 98         |         | %     |
| Thallium   | 203-1 | 44.38   | 44.99   | 44.32   | 44.56      | 0.83    | ppb   |
| Thallium   | 205-1 | 43.94   | 44.93   | 44.61   | 44.49      | 1.14    | ppb   |
| Tin        | 118-1 | 50.29   | 52.58   | 51.30   | 51.39      | 2.24    | ppb   |
| Titanium   | 47-1  | 504.59  | 533.26  | 508.01  | 515.29     | 3.04    | ppb   |

LB Number :LB133210

Operator :Jaswal

Lab Sample ID :S03

Instrumnet Name :P7

Client Sample ID :S03

Dilution Factor :1

Date & Time Acquired :2024-10-30 12:28:22

DataFile Name :007CALS.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Uranium   | 238-1 | 42.35   | 42.90   | 42.33   | 42.53      | 0.76    | ppb   |
| Vanadium  | 51-2  | 51.09   | 50.85   | 50.40   | 50.78      | 0.70    | ppb   |
| Yttrium   | 89-1  |         |         |         | 94         |         | %     |
| Yttrium   | 89-2  |         |         |         | 98         |         | %     |
| Zinc      | 66-2  | 493.92  | 498.73  | 497.85  | 496.83     | 0.52    | ppb   |
| Zirconium | 90-1  | 48.62   | 51.69   | 51.00   | 50.44      | 3.20    | ppb   |
| Zirconium | 91-1  | 48.61   | 51.95   | 50.58   | 50.38      | 3.33    | ppb   |

LB Number :LB133210Operator :Jaswal

Lab Sample ID :S04Instrumnet Name :P7

Client Sample ID :S04Dilution Factor :1

Date & Time Acquired :2024-10-30 12:31:33DataFile Name :008CAL.S.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 2524.36  | 2511.35  | 2489.82  | 2508.51    | 0.70    | ppb   |
| Antimony   | 121-1 | 122.96   | 124.57   | 124.94   | 124.16     | 0.85    | ppb   |
| Arsenic    | 75-2  | 126.96   | 125.40   | 126.20   | 126.19     | 0.62    | ppb   |
| Barium     | 135-1 | 601.82   | 610.17   | 608.33   | 606.77     | 0.72    | ppb   |
| Barium     | 137-1 | 592.14   | 598.13   | 597.87   | 596.05     | 0.57    | ppb   |
| Beryllium  | 9-1   | 133.89   | 132.56   | 134.82   | 133.76     | 0.85    | ppb   |
| Bismuth    | 209-1 |          |          |          | 101        |         | %     |
| Bismuth    | 209-2 |          |          |          | 101        |         | %     |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Bromine    | 81-2  |          |          |          |            |         | cps   |
| Cadmium    | 108-1 | 131.45   | 127.42   | 138.98   | 132.62     | 4.42    | ppb   |
| Cadmium    | 106-1 | 133.22   | 133.47   | 128.98   | 131.89     | 1.91    | ppb   |
| Cadmium    | 111-1 | 131.12   | 135.22   | 133.30   | 133.21     | 1.54    | ppb   |
| Calcium    | 43-1  | 14369.02 | 14487.52 | 14543.03 | 14466.52   | 0.61    | ppb   |
| Calcium    | 44-1  | 13031.68 | 13355.96 | 12979.28 | 13122.31   | 1.55    | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Carbon     | 12-2  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-2  |          |          |          |            |         | cps   |
| Chromium   | 52-2  | 127.73   | 128.09   | 126.64   | 127.49     | 0.59    | ppb   |
| Cobalt     | 59-2  | 124.80   | 125.11   | 123.83   | 124.58     | 0.54    | ppb   |
| Copper     | 63-2  | 1287.58  | 1308.25  | 1282.90  | 1292.91    | 1.04    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 97         |         | %     |
| Holmium    | 165-2 |          |          |          | 100        |         | %     |
| Indium     | 115-1 |          |          |          | 95         |         | %     |
| Indium     | 115-2 |          |          |          | 96         |         | %     |
| Iron       | 56-2  | 6462.70  | 6440.09  | 6366.90  | 6423.23    | 0.78    | ppb   |
| Iron       | 57-2  | 6710.71  | 6660.42  | 6557.38  | 6642.84    | 1.18    | ppb   |
| Iron       | 54-2  | 6810.71  | 6706.48  | 6686.35  | 6734.51    | 0.99    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |

|                        |                     |                   |            |
|------------------------|---------------------|-------------------|------------|
| LB Number :            | LB133210            | Operator :        | Jaswal     |
| Lab Sample ID :        | S04                 | Instrumnet Name : | P7         |
| Client Sample ID :     | S04                 | Dilution Factor : | 1          |
| Date & Time Acquired : | 2024-10-30 12:31:33 | DataFile Name :   | 008CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Lead       | 206-1 | 599.41   | 619.86   | 617.86   | 612.38     | 1.84    | ppb   |
| Lead       | 207-1 | 613.66   | 627.55   | 619.38   | 620.20     | 1.13    | ppb   |
| Lead       | 208-1 | 612.75   | 623.73   | 621.25   | 619.25     | 0.93    | ppb   |
| Lithium    | 6-1   |          |          |          | 100        |         | %     |
| Magnesium  | 24-2  | 12221.37 | 12195.36 | 12178.60 | 12198.45   | 0.18    | ppb   |
| Manganese  | 55-2  | 1267.41  | 1254.79  | 1240.37  | 1254.19    | 1.08    | ppb   |
| Molybdenum | 94-1  | 1228.69  | 1250.34  | 1269.12  | 1249.38    | 1.62    | ppb   |
| Molybdenum | 95-1  | 1228.21  | 1240.72  | 1263.70  | 1244.21    | 1.45    | ppb   |
| Molybdenum | 96-1  | 1220.81  | 1270.16  | 1268.22  | 1253.06    | 2.23    | ppb   |
| Molybdenum | 97-1  | 1222.51  | 1248.02  | 1264.04  | 1244.86    | 1.68    | ppb   |
| Molybdenum | 98-1  | 1227.72  | 1249.02  | 1248.95  | 1241.90    | 0.99    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 130.86   | 129.88   | 128.13   | 129.62     | 1.07    | ppb   |
| Phosphorus | 31-2  | 2481.48  | 2513.23  | 2532.08  | 2508.93    | 1.02    | ppb   |
| Potassium  | 39-2  | 6274.46  | 6347.57  | 6323.49  | 6315.17    | 0.59    | ppb   |
| Rhodium    | 103-1 |          |          |          | 95         |         | %     |
| Rhodium    | 103-2 |          |          |          | 97         |         | %     |
| Scandium   | 45-1  |          |          |          | 94         |         | %     |
| Scandium   | 45-2  |          |          |          | 96         |         | %     |
| Selenium   | 82-1  | 127.56   | 130.54   | 129.90   | 129.33     | 1.21    | ppb   |
| Selenium   | 77-2  | 119.12   | 121.86   | 110.00   | 116.99     | 5.31    | ppb   |
| Selenium   | 78-2  | 130.49   | 124.29   | 133.99   | 129.59     | 3.79    | ppb   |
| Silicon    | 28-1  | 135.19   | 137.70   | 139.56   | 137.48     | 1.60    | ppb   |
| Silver     | 107-1 | 129.89   | 130.27   | 129.93   | 130.03     | 0.16    | ppb   |
| Silver     | 109-1 | 127.46   | 129.25   | 127.87   | 128.19     | 0.73    | ppb   |
| Sodium     | 23-2  | 12329.56 | 12179.27 | 12286.57 | 12265.13   | 0.63    | ppb   |
| Strontium  | 86-1  | 3089.54  | 3192.63  | 3162.62  | 3148.26    | 1.68    | ppb   |
| Strontium  | 88-1  | 3145.21  | 3192.38  | 3155.40  | 3164.33    | 0.78    | ppb   |
| Sulfur     | 34-1  | 2725.48  | 2836.16  | 2748.71  | 2770.12    | 2.11    | ppb   |
| Terbium    | 159-1 |          |          |          | 97         |         | %     |
| Terbium    | 159-2 |          |          |          | 100        |         | %     |
| Thallium   | 203-1 | 106.55   | 108.65   | 108.57   | 107.93     | 1.11    | ppb   |
| Thallium   | 205-1 | 106.23   | 108.23   | 108.72   | 107.73     | 1.23    | ppb   |
| Tin        | 118-1 | 122.98   | 126.00   | 123.86   | 124.28     | 1.25    | ppb   |
| Titanium   | 47-1  | 1251.68  | 1276.22  | 1274.63  | 1267.51    | 1.08    | ppb   |



LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

S04

Instrumnet Name :

P7

Client Sample ID :

S04

Dilution Factor :

1

Date & Time Acquired :

2024-10-30 12:31:33

DataFile Name :

008CALS.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Uranium   | 238-1 | 103.51  | 105.06  | 119.54  | 109.37     | 8.08    | ppb   |
| Vanadium  | 51-2  | 127.08  | 125.94  | 125.83  | 126.29     | 0.55    | ppb   |
| Yttrium   | 89-1  |         |         |         | 95         |         | %     |
| Yttrium   | 89-2  |         |         |         | 98         |         | %     |
| Zinc      | 66-2  | 1246.82 | 1240.01 | 1231.68 | 1239.50    | 0.61    | ppb   |
| Zirconium | 90-1  | 121.57  | 124.76  | 125.83  | 124.05     | 1.79    | ppb   |
| Zirconium | 91-1  | 121.11  | 126.93  | 125.45  | 124.50     | 2.43    | ppb   |

LB Number :LB133210Operator :Jaswal

Lab Sample ID :S05Instrumnet Name :P7

Client Sample ID :S05Dilution Factor :1

Date & Time Acquired :2024-10-30 12:34:33DataFile Name :009CAL.S.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 4967.33  | 4960.26  | 5040.71  | 4989.44    | 0.89    | ppb   |
| Antimony   | 121-1 | 239.34   | 247.81   | 244.43   | 243.86     | 1.75    | ppb   |
| Arsenic    | 75-2  | 255.61   | 249.55   | 250.33   | 251.83     | 1.31    | ppb   |
| Barium     | 135-1 | 1257.55  | 1280.19  | 1286.55  | 1274.76    | 1.20    | ppb   |
| Barium     | 137-1 | 1252.11  | 1277.20  | 1262.88  | 1264.06    | 1.00    | ppb   |
| Beryllium  | 9-1   | 263.30   | 256.10   | 259.29   | 259.57     | 1.39    | ppb   |
| Bismuth    | 209-1 |          |          |          | 103        |         | %     |
| Bismuth    | 209-2 |          |          |          | 103        |         | %     |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Bromine    | 81-2  |          |          |          |            |         | cps   |
| Cadmium    | 108-1 | 256.29   | 266.78   | 255.99   | 259.69     | 2.37    | ppb   |
| Cadmium    | 106-1 | 257.69   | 265.37   | 258.05   | 260.37     | 1.66    | ppb   |
| Cadmium    | 111-1 | 258.34   | 264.30   | 258.92   | 260.52     | 1.26    | ppb   |
| Calcium    | 43-1  | 27930.71 | 28826.65 | 28926.59 | 28561.32   | 1.92    | ppb   |
| Calcium    | 44-1  | 25843.82 | 25930.39 | 26032.07 | 25935.43   | 0.36    | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Carbon     | 12-2  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-2  |          |          |          |            |         | cps   |
| Chromium   | 52-2  | 252.40   | 251.82   | 252.70   | 252.30     | 0.18    | ppb   |
| Cobalt     | 59-2  | 246.93   | 247.09   | 251.57   | 248.53     | 1.06    | ppb   |
| Copper     | 63-2  | 2530.06  | 2529.12  | 2550.33  | 2536.50    | 0.47    | 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 |          |          |          | 103        |         | %     |
| Indium     | 115-1 |          |          |          | 95         |         | %     |
| Indium     | 115-2 |          |          |          | 98         |         | %     |
| Iron       | 56-2  | 12792.53 | 12785.29 | 13000.52 | 12859.45   | 0.95    | ppb   |
| Iron       | 57-2  | 13187.39 | 13104.45 | 13297.94 | 13196.60   | 0.74    | ppb   |
| Iron       | 54-2  | 12978.99 | 12759.38 | 13015.70 | 12918.03   | 1.07    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |

LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

S05

Instrumnet Name :

P7

Client Sample ID :

S05

Dilution Factor :

1

Date & Time Acquired :

2024-10-30 12:34:33

DataFile Name :

009CAL.S.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Lead       | 206-1 | 1206.49  | 1261.40  | 1240.20  | 1236.03    | 2.24    | ppb   |
| Lead       | 207-1 | 1221.34  | 1276.63  | 1249.29  | 1249.09    | 2.21    | ppb   |
| Lead       | 208-1 | 1222.98  | 1258.26  | 1238.98  | 1240.07    | 1.42    | ppb   |
| Lithium    | 6-1   |          |          |          | 107        |         | %     |
| Magnesium  | 24-2  | 24354.27 | 24237.90 | 24363.21 | 24318.46   | 0.29    | ppb   |
| Manganese  | 55-2  | 2535.97  | 2506.67  | 2515.75  | 2519.46    | 0.60    | ppb   |
| Molybdenum | 94-1  | 2467.59  | 2523.42  | 2483.80  | 2491.60    | 1.15    | ppb   |
| Molybdenum | 95-1  | 2472.66  | 2491.36  | 2500.63  | 2488.22    | 0.57    | ppb   |
| Molybdenum | 96-1  | 2455.57  | 2513.34  | 2538.14  | 2502.35    | 1.69    | ppb   |
| Molybdenum | 97-1  | 2465.97  | 2547.18  | 2553.36  | 2522.17    | 1.93    | ppb   |
| Molybdenum | 98-1  | 2459.82  | 2514.42  | 2522.36  | 2498.87    | 1.36    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 255.11   | 253.19   | 259.36   | 255.89     | 1.23    | ppb   |
| Phosphorus | 31-2  | 4976.83  | 4959.25  | 5031.74  | 4989.27    | 0.76    | ppb   |
| Potassium  | 39-2  | 12337.16 | 12306.18 | 12456.50 | 12366.62   | 0.64    | ppb   |
| Rhodium    | 103-1 |          |          |          | 95         |         | %     |
| Rhodium    | 103-2 |          |          |          | 96         |         | %     |
| Scandium   | 45-1  |          |          |          | 95         |         | %     |
| Scandium   | 45-2  |          |          |          | 95         |         | %     |
| Selenium   | 82-1  | 248.52   | 255.28   | 258.70   | 254.17     | 2.04    | ppb   |
| Selenium   | 77-2  | 257.14   | 259.31   | 252.30   | 256.25     | 1.40    | ppb   |
| Selenium   | 78-2  | 249.63   | 254.49   | 244.61   | 249.58     | 1.98    | ppb   |
| Silicon    | 28-1  | 264.86   | 274.11   | 266.43   | 268.47     | 1.84    | ppb   |
| Silver     | 107-1 | 255.47   | 265.84   | 262.71   | 261.34     | 2.03    | ppb   |
| Silver     | 109-1 | 249.56   | 254.31   | 248.76   | 250.88     | 1.19    | ppb   |
| Sodium     | 23-2  | 24619.00 | 24742.94 | 24933.93 | 24765.29   | 0.64    | ppb   |
| Strontium  | 86-1  | 6223.59  | 6373.21  | 6344.58  | 6313.79    | 1.26    | ppb   |
| Strontium  | 88-1  | 6256.20  | 6340.31  | 6366.51  | 6321.01    | 0.91    | ppb   |
| Sulfur     | 34-1  | 5399.94  | 5144.55  | 5281.30  | 5275.26    | 2.42    | ppb   |
| Terbium    | 159-1 |          |          |          | 100        |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 215.16   | 220.43   | 217.34   | 217.64     | 1.22    | ppb   |
| Thallium   | 205-1 | 241.55   | 248.06   | 245.20   | 244.94     | 1.33    | ppb   |
| Tin        | 118-1 | 239.66   | 245.81   | 242.42   | 242.63     | 1.27    | ppb   |
| Titanium   | 47-1  | 2519.06  | 2539.47  | 2500.25  | 2519.60    | 0.78    | ppb   |

3

LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

S06

Instrumnet Name :

P7

Client Sample ID :

S06

Dilution Factor :

1

Date & Time Acquired :

2024-10-30 12:37:28

DataFile Name :

010CAL.S.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 10125.15 | 9774.77  | 9927.04  | 9942.32    | 1.77    | ppb   |
| Antimony   | 121-1 | 497.89   | 500.41   | 513.35   | 503.88     | 1.65    | ppb   |
| Arsenic    | 75-2  | 497.31   | 493.68   | 505.75   | 498.91     | 1.24    | ppb   |
| Barium     | 135-1 | 2497.65  | 2524.59  | 2544.54  | 2522.26    | 0.93    | ppb   |
| Barium     | 137-1 | 2508.71  | 2530.48  | 2531.40  | 2523.53    | 0.51    | ppb   |
| Beryllium  | 9-1   | 488.10   | 495.48   | 493.42   | 492.33     | 0.77    | ppb   |
| Bismuth    | 209-1 |          |          |          | 105        |         | %     |
| Bismuth    | 209-2 |          |          |          | 104        |         | %     |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Bromine    | 81-2  |          |          |          |            |         | cps   |
| Cadmium    | 108-1 | 502.72   | 499.88   | 506.79   | 503.13     | 0.69    | ppb   |
| Cadmium    | 106-1 | 494.84   | 511.14   | 512.45   | 506.14     | 1.94    | ppb   |
| Cadmium    | 111-1 | 497.48   | 509.56   | 509.80   | 505.62     | 1.39    | ppb   |
| Calcium    | 43-1  | 56422.84 | 57293.19 | 57413.51 | 57043.18   | 0.95    | ppb   |
| Calcium    | 44-1  | 50279.33 | 51852.95 | 52040.27 | 51390.85   | 1.88    | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Carbon     | 12-2  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-2  |          |          |          |            |         | cps   |
| Chromium   | 52-2  | 509.41   | 501.22   | 499.23   | 503.29     | 1.07    | ppb   |
| Cobalt     | 59-2  | 518.94   | 497.57   | 508.67   | 508.39     | 2.10    | ppb   |
| Copper     | 63-2  | 5066.10  | 5006.58  | 5086.84  | 5053.17    | 0.82    | 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 |          |          |          | 105        |         | %     |
| Indium     | 115-1 |          |          |          | 95         |         | %     |
| Indium     | 115-2 |          |          |          | 96         |         | %     |
| Iron       | 56-2  | 26049.67 | 25696.53 | 25694.27 | 25813.49   | 0.79    | ppb   |
| Iron       | 57-2  | 25589.65 | 25420.65 | 25285.20 | 25431.84   | 0.60    | ppb   |
| Iron       | 54-2  | 25998.07 | 25715.86 | 25875.29 | 25863.07   | 0.55    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |

|                        |                     |                   |            |
|------------------------|---------------------|-------------------|------------|
| LB Number :            | LB133210            | Operator :        | Jaswal     |
| Lab Sample ID :        | S06                 | Instrumnet Name : | P7         |
| Client Sample ID :     | S06                 | Dilution Factor : | 1          |
| Date & Time Acquired : | 2024-10-30 12:37:28 | DataFile Name :   | 010CAL.S.d |

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Lead       | 206-1 | 2496.37  | 2453.68  | 2530.27  | 2493.44    | 1.54    | ppb   |
| Lead       | 207-1 | 2509.27  | 2481.43  | 2524.67  | 2505.12    | 0.87    | ppb   |
| Lead       | 208-1 | 2498.37  | 2485.10  | 2505.58  | 2496.35    | 0.42    | ppb   |
| Lithium    | 6-1   |          |          |          | 115        |         | %     |
| Magnesium  | 24-2  | 49510.88 | 48903.70 | 49671.21 | 49361.93   | 0.82    | ppb   |
| Manganese  | 55-2  | 5084.53  | 4958.53  | 4968.49  | 5003.85    | 1.40    | ppb   |
| Molybdenum | 94-1  | 4882.34  | 4964.42  | 4985.82  | 4944.19    | 1.10    | ppb   |
| Molybdenum | 95-1  | 4881.49  | 4954.66  | 5046.88  | 4961.01    | 1.67    | ppb   |
| Molybdenum | 96-1  | 4880.22  | 4972.97  | 5028.72  | 4960.64    | 1.51    | ppb   |
| Molybdenum | 97-1  | 4897.72  | 4920.35  | 5076.05  | 4964.71    | 1.96    | ppb   |
| Molybdenum | 98-1  | 4888.87  | 4964.31  | 5007.34  | 4953.50    | 1.21    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 513.66   | 503.20   | 509.44   | 508.77     | 1.03    | ppb   |
| Phosphorus | 31-2  | 9947.97  | 9993.98  | 9873.19  | 9938.38    | 0.61    | ppb   |
| Potassium  | 39-2  | 24867.77 | 24847.10 | 24624.07 | 24779.64   | 0.55    | ppb   |
| Rhodium    | 103-1 |          |          |          | 95         |         | %     |
| Rhodium    | 103-2 |          |          |          | 94         |         | %     |
| Scandium   | 45-1  |          |          |          | 94         |         | %     |
| Scandium   | 45-2  |          |          |          | 93         |         | %     |
| Selenium   | 82-1  | 496.41   | 497.21   | 506.06   | 499.89     | 1.07    | ppb   |
| Selenium   | 77-2  | 501.11   | 514.45   | 524.76   | 513.44     | 2.31    | ppb   |
| Selenium   | 78-2  | 499.30   | 512.51   | 495.89   | 502.56     | 1.75    | ppb   |
| Silicon    | 28-1  | 520.06   | 512.11   | 520.27   | 517.48     | 0.90    | ppb   |
| Silver     | 107-1 | 506.76   | 510.04   | 515.13   | 510.65     | 0.83    | ppb   |
| Silver     | 109-1 | 510.80   | 511.71   | 512.20   | 511.57     | 0.14    | ppb   |
| Sodium     | 23-2  | 50323.95 | 49871.10 | 50400.82 | 50198.62   | 0.57    | ppb   |
| Strontium  | 86-1  | 12277.03 | 12580.87 | 12615.26 | 12491.05   | 1.49    | ppb   |
| Strontium  | 88-1  | 12321.03 | 12525.44 | 12647.41 | 12497.96   | 1.32    | ppb   |
| Sulfur     | 34-1  | 10224.37 | 9994.41  | 9974.81  | 10064.53   | 1.38    | ppb   |
| Terbium    | 159-1 |          |          |          | 101        |         | %     |
| Terbium    | 159-2 |          |          |          | 103        |         | %     |
| Thallium   | 203-1 | 498.20   | 498.89   | 507.39   | 501.49     | 1.02    | ppb   |
| Thallium   | 205-1 | 495.15   | 499.83   | 500.15   | 498.38     | 0.56    | ppb   |
| Tin        | 118-1 | 503.21   | 509.76   | 509.83   | 507.60     | 0.75    | ppb   |
| Titanium   | 47-1  | 4884.93  | 5005.30  | 4978.86  | 4956.36    | 1.28    | ppb   |

LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

S06

Instrumnet Name :

P7

Client Sample ID :

S06

Dilution Factor :

1

Date & Time Acquired :

2024-10-30 12:37:28

DataFile Name :

010CALS.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Uranium   | 238-1 | 494.49  | 503.21  | 503.13  | 500.28     | 1.00    | ppb   |
| Vanadium  | 51-2  | 504.20  | 502.40  | 501.77  | 502.79     | 0.25    | ppb   |
| Yttrium   | 89-1  |         |         |         | 96         |         | %     |
| Yttrium   | 89-2  |         |         |         | 96         |         | %     |
| Zinc      | 66-2  | 5160.08 | 4951.74 | 5055.59 | 5055.80    | 2.06    | ppb   |
| Zirconium | 90-1  | 489.92  | 494.80  | 499.36  | 494.69     | 0.95    | ppb   |
| Zirconium | 91-1  | 479.91  | 491.76  | 502.06  | 491.25     | 2.26    | ppb   |

LB Number :LB133210Operator :Jaswal

Lab Sample ID :S07Instrumnet Name :P7

Client Sample ID :S07Dilution Factor :1

Date & Time Acquired :2024-10-30 12:40:14DataFile Name :011CAL.S.d

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 19452.49  | 19733.27  | 19677.34  | 19621.03   | 0.76    | ppb   |
| Antimony   | 121-1 | 988.93    | 1008.93   | 1001.05   | 999.64     | 1.01    | ppb   |
| Arsenic    | 75-2  | 997.06    | 997.24    | 1005.13   | 999.81     | 0.46    | ppb   |
| Barium     | 135-1 | 4982.11   | 4994.93   | 4978.00   | 4985.02    | 0.18    | ppb   |
| Barium     | 137-1 | 4976.23   | 4979.47   | 5009.78   | 4988.50    | 0.37    | ppb   |
| Beryllium  | 9-1   | 992.26    | 996.42    | 1011.45   | 1000.05    | 1.01    | ppb   |
| Bismuth    | 209-1 |           |           |           | 108        |         | %     |
| Bismuth    | 209-2 |           |           |           | 104        |         | %     |
| Bromine    | 81-1  |           |           |           |            |         | cps   |
| Bromine    | 81-2  |           |           |           |            |         | cps   |
| Cadmium    | 108-1 | 991.91    | 995.98    | 996.57    | 994.82     | 0.26    | ppb   |
| Cadmium    | 106-1 | 974.42    | 1003.25   | 1002.06   | 993.24     | 1.64    | ppb   |
| Cadmium    | 111-1 | 980.53    | 997.67    | 1001.70   | 993.30     | 1.13    | ppb   |
| Calcium    | 43-1  | 109034.71 | 109931.99 | 112598.34 | 110521.68  | 1.68    | ppb   |
| Calcium    | 44-1  | 103572.97 | 103936.17 | 103417.83 | 103642.32  | 0.26    | ppb   |
| Carbon     | 12-1  |           |           |           |            |         | cps   |
| Carbon     | 12-2  |           |           |           |            |         | cps   |
| Chlorine   | 35-1  |           |           |           |            |         | cps   |
| Chlorine   | 35-2  |           |           |           |            |         | cps   |
| Chromium   | 52-2  | 990.04    | 996.08    | 1006.09   | 997.41     | 0.81    | ppb   |
| Cobalt     | 59-2  | 996.64    | 992.80    | 999.18    | 996.21     | 0.32    | ppb   |
| Copper     | 63-2  | 9965.17   | 9852.88   | 10059.07  | 9959.04    | 1.04    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 104        |         | %     |
| Holmium    | 165-2 |           |           |           | 106        |         | %     |
| Indium     | 115-1 |           |           |           | 95         |         | %     |
| Indium     | 115-2 |           |           |           | 94         |         | %     |
| Iron       | 56-2  | 50650.34  | 51546.51  | 51450.58  | 51215.81   | 0.96    | ppb   |
| Iron       | 57-2  | 50915.87  | 50885.19  | 51534.31  | 51111.79   | 0.72    | ppb   |
| Iron       | 54-2  | 51407.48  | 51625.61  | 51635.72  | 51556.27   | 0.25    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |



LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

S07

Instrumnet Name :

P7

Client Sample ID :

S07

Dilution Factor :

1

Date & Time Acquired :

2024-10-30 12:40:14

DataFile Name :

011CAL.S.d

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Lead       | 206-1 | 5014.18   | 5048.17   | 4966.79   | 5009.71    | 0.82    | ppb   |
| Lead       | 207-1 | 4954.96   | 5064.32   | 4979.67   | 4999.65    | 1.15    | ppb   |
| Lead       | 208-1 | 4969.25   | 5025.70   | 5021.77   | 5005.57    | 0.63    | ppb   |
| Lithium    | 6-1   |           |           |           | 116        |         | %     |
| Magnesium  | 24-2  | 97847.21  | 99578.23  | 98636.29  | 98687.24   | 0.88    | ppb   |
| Manganese  | 55-2  | 9884.08   | 9985.29   | 10106.97  | 9992.11    | 1.12    | ppb   |
| Molybdenum | 94-1  | 9943.37   | 10044.08  | 10102.88  | 10030.11   | 0.80    | ppb   |
| Molybdenum | 95-1  | 9917.98   | 10053.99  | 10097.59  | 10023.19   | 0.93    | ppb   |
| Molybdenum | 96-1  | 9847.27   | 10110.00  | 10098.88  | 10018.72   | 1.48    | ppb   |
| Molybdenum | 97-1  | 9799.29   | 10186.25  | 10053.24  | 10012.93   | 1.96    | ppb   |
| Molybdenum | 98-1  | 9941.86   | 10085.19  | 10045.81  | 10024.29   | 0.74    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 989.28    | 991.88    | 999.21    | 993.45     | 0.52    | ppb   |
| Phosphorus | 31-2  | 19935.88  | 20147.48  | 20016.69  | 20033.35   | 0.53    | ppb   |
| Potassium  | 39-2  | 49200.51  | 49548.68  | 49741.88  | 49497.02   | 0.55    | ppb   |
| Rhodium    | 103-1 |           |           |           | 94         |         | %     |
| Rhodium    | 103-2 |           |           |           | 94         |         | %     |
| Scandium   | 45-1  |           |           |           | 93         |         | %     |
| Scandium   | 45-2  |           |           |           | 93         |         | %     |
| Selenium   | 82-1  | 980.00    | 1007.05   | 1008.10   | 998.38     | 1.60    | ppb   |
| Selenium   | 77-2  | 1007.28   | 977.68    | 992.87    | 992.61     | 1.49    | ppb   |
| Selenium   | 78-2  | 998.82    | 975.47    | 1020.10   | 998.13     | 2.24    | ppb   |
| Silicon    | 28-1  | 974.03    | 986.87    | 993.30    | 984.73     | 1.00    | ppb   |
| Silver     | 107-1 | 986.35    | 997.02    | 989.65    | 991.01     | 0.55    | ppb   |
| Silver     | 109-1 | 985.04    | 1005.09   | 990.16    | 993.43     | 1.05    | ppb   |
| Sodium     | 23-2  | 100313.63 | 100565.19 | 101524.08 | 100800.97  | 0.63    | ppb   |
| Strontium  | 86-1  | 24462.78  | 25194.86  | 25291.25  | 24982.96   | 1.81    | ppb   |
| Strontium  | 88-1  | 24438.48  | 25072.53  | 25417.52  | 24976.18   | 1.99    | ppb   |
| Sulfur     | 34-1  | 19896.36  | 19944.04  | 19707.65  | 19849.35   | 0.63    | ppb   |
| Terbium    | 159-1 |           |           |           | 104        |         | %     |
| Terbium    | 159-2 |           |           |           | 104        |         | %     |
| Thallium   | 203-1 | 1011.41   | 1019.80   | 998.04    | 1009.75    | 1.09    | ppb   |
| Thallium   | 205-1 | 1003.96   | 1007.14   | 1002.44   | 1004.51    | 0.24    | ppb   |
| Tin        | 118-1 | 982.99    | 1009.11   | 1002.09   | 998.06     | 1.35    | ppb   |
| Titanium   | 47-1  | 9950.09   | 10024.81  | 10067.00  | 10013.97   | 0.59    | ppb   |

LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

S07

Instrumnet Name :

P7

Client Sample ID :

S07

Dilution Factor :

1

Date & Time Acquired :

2024-10-30 12:40:14

DataFile Name :

011CALS.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|----------|------------|---------|-------|
| Uranium   | 238-1 | 998.53  | 1008.04 | 1004.08  | 1003.55    | 0.48    | ppb   |
| Vanadium  | 51-2  | 994.55  | 990.03  | 1009.44  | 998.01     | 1.02    | ppb   |
| Yttrium   | 89-1  |         |         |          | 96         |         | %     |
| Yttrium   | 89-2  |         |         |          | 96         |         | %     |
| Zinc      | 66-2  | 9876.01 | 9966.45 | 10100.26 | 9980.91    | 1.13    | ppb   |
| Zirconium | 90-1  | 988.73  | 1003.45 | 1014.14  | 1002.11    | 1.27    | ppb   |
| Zirconium | 91-1  | 979.81  | 1016.55 | 1019.85  | 1005.40    | 2.21    | ppb   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : S08 Instrumnet Name : P7  
Client Sample ID : S08 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 12:43:00 DataFile Name : 012CALS.d

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 100621.85 | 99934.57  | 99688.60  | 100081.68  | 0.48    | ppb   |
| Antimony   | 121-1 | 0.84      | 0.79      | 0.74      | 0.79       | 6.72    | ppb   |
| Arsenic    | 75-2  | 0.71      | 0.60      | 0.54      | 0.62       | 14.16   | ppb   |
| Barium     | 135-1 | 2.15      | 2.08      | 1.86      | 2.03       | 7.58    | ppb   |
| Barium     | 137-1 | 2.03      | 2.03      | 1.95      | 2.00       | 2.53    | ppb   |
| Beryllium  | 9-1   | 0.13      | 0.14      | 0.12      | 0.13       | 9.40    | ppb   |
| Bismuth    | 209-1 |           |           |           | 101        |         | %     |
| Bismuth    | 209-2 |           |           |           | 98         |         | %     |
| Bromine    | 81-1  |           |           |           |            |         | cps   |
| Bromine    | 81-2  |           |           |           |            |         | cps   |
| Cadmium    | 108-1 | 0.46      | 0.56      | 0.18      | 0.40       | 48.55   | ppb   |
| Cadmium    | 106-1 | -0.75     | 0.00      | -0.87     | -0.54      |         | ppb   |
| Cadmium    | 111-1 | 0.18      | 0.17      | 0.08      | 0.14       | 39.73   | ppb   |
| Calcium    | 43-1  | 491753.23 | 500993.47 | 498119.18 | 496955.29  | 0.95    | ppb   |
| Calcium    | 44-1  | 495518.63 | 500845.37 | 500829.33 | 499064.44  | 0.62    | ppb   |
| Carbon     | 12-1  |           |           |           |            |         | cps   |
| Carbon     | 12-2  |           |           |           |            |         | cps   |
| Chlorine   | 35-1  |           |           |           |            |         | cps   |
| Chlorine   | 35-2  |           |           |           |            |         | cps   |
| Chromium   | 52-2  | 4.47      | 3.05      | 3.58      | 3.70       | 19.32   | ppb   |
| Cobalt     | 59-2  | 2.57      | 2.73      | 2.63      | 2.64       | 3.08    | ppb   |
| Copper     | 63-2  | 2.30      | 2.30      | 2.33      | 2.31       | 0.70    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 102        |         | %     |
| Holmium    | 165-2 |           |           |           | 105        |         | %     |
| Indium     | 115-1 |           |           |           | 93         |         | %     |
| Indium     | 115-2 |           |           |           | 95         |         | %     |
| Iron       | 56-2  | 249631.16 | 249179.32 | 250146.42 | 249652.30  | 0.19    | ppb   |
| Iron       | 57-2  | 251189.94 | 247099.86 | 250775.39 | 249688.40  | 0.90    | ppb   |
| Iron       | 54-2  | 249817.78 | 249960.95 | 248923.35 | 249567.36  | 0.23    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : S08 Instrumnet Name : P7  
Client Sample ID : S08 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 12:43:00 DataFile Name : 012CALS.d

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Lead       | 206-1 | 0.99      | 1.07      | 1.00      | 1.02       | 3.96    | ppb   |
| Lead       | 207-1 | 0.93      | 1.06      | 1.00      | 1.00       | 6.65    | ppb   |
| Lead       | 208-1 | 0.96      | 1.02      | 1.01      | 0.99       | 3.34    | ppb   |
| Lithium    | 6-1   |           |           |           | 116        |         | %     |
| Magnesium  | 24-2  | 501567.44 | 497000.29 | 502538.93 | 500368.89  | 0.59    | ppb   |
| Manganese  | 55-2  | 5.05      | 4.99      | 5.06      | 5.03       | 0.80    | ppb   |
| Molybdenum | 94-1  | 2.38      | 2.27      | 2.16      | 2.27       | 4.99    | ppb   |
| Molybdenum | 95-1  | 1.50      | 1.48      | 1.44      | 1.47       | 2.19    | ppb   |
| Molybdenum | 96-1  | 2.83      | 2.95      | 2.92      | 2.90       | 2.17    | ppb   |
| Molybdenum | 97-1  | 1.44      | 1.46      | 1.44      | 1.45       | 0.96    | ppb   |
| Molybdenum | 98-1  | 1.43      | 1.34      | 1.35      | 1.38       | 3.58    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 4.70      | 4.82      | 4.61      | 4.71       | 2.24    | ppb   |
| Phosphorus | 31-2  | -12.46    | -11.22    | -14.53    | -12.74     |         | ppb   |
| Potassium  | 39-2  | 251022.34 | 250156.87 | 249197.33 | 250125.51  | 0.36    | ppb   |
| Rhodium    | 103-1 |           |           |           | 88         |         | %     |
| Rhodium    | 103-2 |           |           |           | 90         |         | %     |
| Scandium   | 45-1  |           |           |           | 94         |         | %     |
| Scandium   | 45-2  |           |           |           | 95         |         | %     |
| Selenium   | 82-1  | 0.81      | 1.56      | 0.80      | 1.06       | 41.09   | ppb   |
| Selenium   | 77-2  | -0.37     | 0.01      | -0.37     | -0.24      |         | ppb   |
| Selenium   | 78-2  | 0.57      | -0.48     | 1.05      | 0.38       | 205.41  | ppb   |
| Silicon    | 28-1  | 8.43      | 8.97      | 8.54      | 8.65       | 3.32    | ppb   |
| Silver     | 107-1 | 0.14      | 0.10      | 0.10      | 0.11       | 19.33   | ppb   |
| Silver     | 109-1 | 0.12      | 0.12      | 0.10      | 0.11       | 13.33   | ppb   |
| Sodium     | 23-2  | 498126.85 | 501582.01 | 499803.66 | 499837.51  | 0.35    | ppb   |
| Strontium  | 86-1  | 4.12      | 4.04      | 4.05      | 4.07       | 1.14    | ppb   |
| Strontium  | 88-1  | 4.18      | 4.07      | 3.91      | 4.05       | 3.42    | ppb   |
| Sulfur     | 34-1  | -575.21   | -125.35   | 379.39    | -107.05    |         | ppb   |
| Terbium    | 159-1 |           |           |           | 104        |         | %     |
| Terbium    | 159-2 |           |           |           | 103        |         | %     |
| Thallium   | 203-1 | 0.13      | 0.14      | 0.14      | 0.14       | 6.13    | ppb   |
| Thallium   | 205-1 | 0.14      | 0.13      | 0.12      | 0.13       | 8.09    | ppb   |
| Tin        | 118-1 | 0.55      | 0.55      | 0.51      | 0.54       | 4.04    | ppb   |
| Titanium   | 47-1  | 1.35      | 1.33      | 1.38      | 1.35       | 1.59    | ppb   |

LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

S08

Instrumnet Name :

P7

Client Sample ID :

S08

Dilution Factor :

1

Date & Time Acquired :

2024-10-30 12:43:00

DataFile Name :

012CALS.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Uranium   | 238-1 | 0.06    | 0.06    | 0.05    | 0.06       | 10.77   | ppb   |
| Vanadium  | 51-2  | 0.22    | 0.21    | 0.24    | 0.22       | 8.63    | ppb   |
| Yttrium   | 89-1  |         |         |         | 94         |         | %     |
| Yttrium   | 89-2  |         |         |         | 97         |         | %     |
| Zinc      | 66-2  | 9.02    | 8.97    | 9.18    | 9.06       | 1.21    | ppb   |
| Zirconium | 90-1  | 0.54    | 0.57    | 0.54    | 0.55       | 2.79    | ppb   |
| Zirconium | 91-1  | 0.51    | 0.56    | 0.51    | 0.52       | 5.70    | ppb   |

LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

ICV007

Instrumnet Name :

P7

Client Sample ID :

ICV007

Dilution Factor :

1

Date & Time Acquired :

2024-10-30 12:59:56

DataFile Name :

013ICV.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 484.07  | 487.54  | 575.82  | 515.81     | 10.08   | ppb   |
| Antimony   | 121-1 | 193.84  | 194.98  | 197.60  | 195.47     | 0.99    | ppb   |
| Arsenic    | 75-2  | 203.32  | 201.38  | 237.07  | 213.92     | 9.38    | ppb   |
| Barium     | 135-1 | 91.54   | 92.72   | 93.91   | 92.72      | 1.27    | ppb   |
| Barium     | 137-1 | 92.04   | 92.15   | 93.77   | 92.65      | 1.04    | ppb   |
| Beryllium  | 9-1   | 104.56  | 107.30  | 107.85  | 106.57     | 1.66    | ppb   |
| Bismuth    | 209-1 |         |         |         | 97         |         | %     |
| Bismuth    | 209-2 |         |         |         | 96         |         | %     |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Bromine    | 81-2  |         |         |         |            |         | cps   |
| Cadmium    | 108-1 | 94.66   | 96.51   | 95.49   | 95.55      | 0.96    | ppb   |
| Cadmium    | 106-1 | 93.14   | 93.43   | 93.60   | 93.39      | 0.25    | ppb   |
| Cadmium    | 111-1 | 103.51  | 105.18  | 107.57  | 105.42     | 1.94    | ppb   |
| Calcium    | 43-1  | 1936.34 | 1985.87 | 2029.77 | 1983.99    | 2.36    | ppb   |
| Calcium    | 44-1  | 1984.80 | 1982.76 | 2033.07 | 2000.21    | 1.42    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 101.76  | 102.47  | 119.63  | 107.95     | 9.38    | ppb   |
| Cobalt     | 59-2  | 100.39  | 100.70  | 118.55  | 106.55     | 9.76    | ppb   |
| Copper     | 63-2  | 94.51   | 94.52   | 111.14  | 100.06     | 9.60    | 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 |         |         |         | 95         |         | %     |
| Holmium    | 165-2 |         |         |         | 96         |         | %     |
| Indium     | 115-1 |         |         |         | 94         |         | %     |
| Indium     | 115-2 |         |         |         | 92         |         | %     |
| Iron       | 56-2  | 2016.34 | 2017.64 | 2358.57 | 2130.85    | 9.26    | ppb   |
| Iron       | 57-2  | 2031.39 | 2067.38 | 2422.93 | 2173.90    | 9.96    | ppb   |
| Iron       | 54-2  | 2144.64 | 2152.15 | 2518.33 | 2271.71    | 9.40    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |

| LB Number :            | LB133210            |         |         | Operator :        | Jaswal     |         |       |
|------------------------|---------------------|---------|---------|-------------------|------------|---------|-------|
| Lab Sample ID :        | ICV007              |         |         | Instrumnet Name : | P7         |         |       |
| Client Sample ID :     | ICV007              |         |         | Dilution Factor : | 1          |         |       |
| Date & Time Acquired : | 2024-10-30 12:59:56 |         |         | DataFile Name :   | 013ICV.d   |         |       |
| Parameter              | Mass                | ConRep1 | ConRep2 | ConRep3           | Avg. Conc. | ConcRSD | Units |
| Lead                   | 206-1               | 187.54  | 195.03  | 196.89            | 193.16     | 2.56    | ppb   |
| Lead                   | 207-1               | 178.66  | 185.41  | 187.35            | 183.81     | 2.48    | ppb   |
| Lead                   | 208-1               | 181.97  | 188.69  | 191.57            | 187.41     | 2.63    | ppb   |
| Lithium                | 6-1                 |         |         |                   | 103        |         | %     |
| Magnesium              | 24-2                | 1193.89 | 1204.69 | 1414.39           | 1270.99    | 9.78    | ppb   |
| Manganese              | 55-2                | 101.18  | 101.14  | 118.27            | 106.86     | 9.25    | ppb   |
| Molybdenum             | 94-1                | 0.16    | 0.20    | 0.18              | 0.18       | 11.56   | ppb   |
| Molybdenum             | 95-1                | 0.07    | 0.07    | 0.06              | 0.06       | 8.47    | ppb   |
| Molybdenum             | 96-1                | 0.11    | 0.12    | 0.10              | 0.11       | 11.64   | ppb   |
| Molybdenum             | 97-1                | 0.04    | 0.08    | 0.07              | 0.07       | 29.70   | ppb   |
| Molybdenum             | 98-1                | 0.08    | 0.06    | 0.08              | 0.07       | 13.59   | ppb   |
| Neodymium              | 150-1               |         |         |                   |            |         | cps   |
| Neodymium              | 150-2               |         |         |                   |            |         | cps   |
| Nickel                 | 60-2                | 104.85  | 103.96  | 123.29            | 110.70     | 9.86    | ppb   |
| Phosphorus             | 31-2                | -19.00  | -18.32  | -13.68            | -17.00     |         | ppb   |
| Potassium              | 39-2                | 2041.53 | 2055.04 | 2435.75           | 2177.44    | 10.28   | ppb   |
| Rhodium                | 103-1               |         |         |                   | 94         |         | %     |
| Rhodium                | 103-2               |         |         |                   | 93         |         | %     |
| Scandium               | 45-1                |         |         |                   | 94         |         | %     |
| Scandium               | 45-2                |         |         |                   | 91         |         | %     |
| Selenium               | 82-1                | 206.63  | 215.41  | 211.42            | 211.15     | 2.08    | ppb   |
| Selenium               | 77-2                | 203.71  | 213.51  | 228.59            | 215.27     | 5.82    | ppb   |
| Selenium               | 78-2                | 206.54  | 215.09  | 249.78            | 223.80     | 10.23   | ppb   |
| Silicon                | 28-1                | 1.54    | 1.25    | 2.13              | 1.64       | 27.21   | ppb   |
| Silver                 | 107-1               | 48.05   | 48.88   | 49.92             | 48.95      | 1.91    | ppb   |
| Silver                 | 109-1               | 47.88   | 49.01   | 49.73             | 48.88      | 1.91    | ppb   |
| Sodium                 | 23-2                | 2020.70 | 2025.41 | 2373.01           | 2139.71    | 9.44    | ppb   |
| Strontium              | 86-1                | 0.35    | 0.34    | 0.31              | 0.33       | 5.50    | ppb   |
| Strontium              | 88-1                | 0.35    | 0.36    | 0.35              | 0.35       | 2.13    | ppb   |
| Sulfur                 | 34-1                | 895.47  | 649.74  | 793.42            | 779.54     | 15.84   | ppb   |
| Terbium                | 159-1               |         |         |                   | 96         |         | %     |
| Terbium                | 159-2               |         |         |                   | 95         |         | %     |
| Thallium               | 203-1               | 184.70  | 192.56  | 192.56            | 189.94     | 2.39    | ppb   |
| Thallium               | 205-1               | 213.79  | 221.80  | 222.07            | 219.22     | 2.15    | ppb   |
| Tin                    | 118-1               | 0.14    | 0.13    | 0.13              | 0.13       | 4.82    | ppb   |
| Titanium               | 47-1                | 0.11    | 0.01    | 0.08              | 0.07       | 75.25   | ppb   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : ICV007 Instrumnet Name : P7  
Client Sample ID : ICV007 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 12:59:56 DataFile Name : 013ICV.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Uranium   | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 19.89   | ppb   |
| Vanadium  | 51-2  | 98.18   | 98.18   | 115.10  | 103.82     | 9.41    | ppb   |
| Yttrium   | 89-1  |         |         |         | 93         |         | %     |
| Yttrium   | 89-2  |         |         |         | 93         |         | %     |
| Zinc      | 66-2  | 193.93  | 194.96  | 228.61  | 205.83     | 9.59    | ppb   |
| Zirconium | 90-1  | 0.06    | 0.06    | 0.06    | 0.06       | 7.56    | ppb   |
| Zirconium | 91-1  | 0.09    | 0.09    | 0.06    | 0.08       | 20.69   | ppb   |



LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

ICB007

Instrumnet Name :

P7

Client Sample ID :

ICB007

Dilution Factor :

1

Date & Time Acquired :

2024-10-30 13:04:17

DataFile Name :

014CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 0.28    | 0.40    | -0.17   | 0.17       | 176.17  | ppb   |
| Antimony   | 121-1 | 0.06    | 0.07    | 0.10    | 0.08       | 22.70   | ppb   |
| Arsenic    | 75-2  | 0.02    | 0.03    | 0.02    | 0.02       | 50.70   | ppb   |
| Barium     | 135-1 | 0.02    | 0.04    | 0.01    | 0.02       | 48.21   | ppb   |
| Barium     | 137-1 | 0.04    | 0.04    | 0.02    | 0.03       | 21.99   | ppb   |
| Beryllium  | 9-1   | 0.02    | 0.02    | 0.00    | 0.01       | 80.49   | ppb   |
| Bismuth    | 209-1 |         |         |         | 104        |         | %     |
| Bismuth    | 209-2 |         |         |         | 105        |         | %     |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Bromine    | 81-2  |         |         |         |            |         | cps   |
| Cadmium    | 108-1 | -0.07   | -0.10   | -0.06   | -0.08      |         | ppb   |
| Cadmium    | 106-1 | -1.01   | 0.00    | -1.81   | -0.94      |         | ppb   |
| Cadmium    | 111-1 | -0.05   | 0.02    | -0.10   | -0.04      |         | ppb   |
| Calcium    | 43-1  | -1.01   | -2.89   | 1.63    | -0.76      |         | ppb   |
| Calcium    | 44-1  | -6.72   | -5.38   | -5.50   | -5.87      |         | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | -0.03   | -0.03   | -0.04   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.00    | 0.00    | 0.00       |         | ppb   |
| Copper     | 63-2  | 0.04    | 0.10    | 0.03    | 0.06       | 65.68   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 100        |         | %     |
| Holmium    | 165-2 |         |         |         | 103        |         | %     |
| Indium     | 115-1 |         |         |         | 100        |         | %     |
| Indium     | 115-2 |         |         |         | 100        |         | %     |
| Iron       | 56-2  | 0.61    | 0.60    | 0.54    | 0.58       | 6.06    | ppb   |
| Iron       | 57-2  | -1.98   | -2.53   | 1.33    | -1.06      |         | ppb   |
| Iron       | 54-2  | 0.47    | 1.38    | -0.57   | 0.43       | 228.55  | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : ICB007 Instrumnet Name : P7  
Client Sample ID : ICB007 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 13:04:17 DataFile Name : 014CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Lead       | 206-1 | 0.08    | 0.06    | 0.08    | 0.07       | 12.96   | ppb   |
| Lead       | 207-1 | 0.06    | 0.06    | 0.06    | 0.06       | 2.75    | ppb   |
| Lead       | 208-1 | 0.07    | 0.06    | 0.07    | 0.06       | 6.60    | ppb   |
| Lithium    | 6-1   |         |         |         | 109        |         | %     |
| Magnesium  | 24-2  | 1.94    | 1.69    | 2.15    | 1.93       | 11.83   | ppb   |
| Manganese  | 55-2  | 0.00    | 0.01    | 0.00    | 0.00       | 364.00  | ppb   |
| Molybdenum | 94-1  | 0.04    | 0.04    | 0.06    | 0.05       | 27.25   | ppb   |
| Molybdenum | 95-1  | 0.04    | 0.04    | 0.04    | 0.04       | 6.33    | ppb   |
| Molybdenum | 96-1  | 0.05    | 0.04    | 0.05    | 0.05       | 7.11    | ppb   |
| Molybdenum | 97-1  | 0.06    | 0.03    | 0.07    | 0.05       | 37.67   | ppb   |
| Molybdenum | 98-1  | 0.04    | 0.04    | 0.04    | 0.04       | 1.45    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.01   | 0.03    | 0.01    | 0.01       | 287.57  | ppb   |
| Phosphorus | 31-2  | -19.13  | -19.77  | -19.24  | -19.38     |         | ppb   |
| Potassium  | 39-2  | -6.53   | -1.83   | 0.79    | -2.52      |         | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Rhodium    | 103-2 |         |         |         | 100        |         | %     |
| Scandium   | 45-1  |         |         |         | 98         |         | %     |
| Scandium   | 45-2  |         |         |         | 98         |         | %     |
| Selenium   | 82-1  | 0.82    | -0.38   | -0.47   | -0.01      |         | ppb   |
| Selenium   | 77-2  | -0.01   | 0.00    | 0.00    | 0.00       |         | ppb   |
| Selenium   | 78-2  | -2.82   | -0.78   | -0.35   | -1.32      |         | ppb   |
| Silicon    | 28-1  | -2.05   | -1.88   | -0.86   | -1.60      |         | ppb   |
| Silver     | 107-1 | 0.03    | 0.02    | 0.02    | 0.02       | 19.26   | ppb   |
| Silver     | 109-1 | 0.02    | 0.02    | 0.02    | 0.02       | 18.80   | ppb   |
| Sodium     | 23-2  | 17.49   | 17.45   | 16.45   | 17.13      | 3.44    | ppb   |
| Strontium  | 86-1  | 0.09    | 0.09    | 0.07    | 0.08       | 14.96   | ppb   |
| Strontium  | 88-1  | 0.08    | 0.08    | 0.09    | 0.08       | 2.56    | ppb   |
| Sulfur     | 34-1  | 242.65  | 310.88  | 439.43  | 330.99     | 30.19   | ppb   |
| Terbium    | 159-1 |         |         |         | 101        |         | %     |
| Terbium    | 159-2 |         |         |         | 102        |         | %     |
| Thallium   | 203-1 | 0.05    | 0.05    | 0.04    | 0.05       | 13.45   | ppb   |
| Thallium   | 205-1 | 0.04    | 0.05    | 0.04    | 0.04       | 12.62   | ppb   |
| Tin        | 118-1 | 0.08    | 0.10    | 0.09    | 0.09       | 8.41    | ppb   |
| Titanium   | 47-1  | -0.02   | 0.02    | 0.03    | 0.01       | 249.55  | ppb   |

LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

ICB007

Instrumnet Name :

P7

Client Sample ID :

ICB007

Dilution Factor :

1

Date & Time Acquired :

2024-10-30 13:04:17

DataFile Name :

014CCBE.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Uranium   | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 8.81    | ppb   |
| Vanadium  | 51-2  | 0.00    | 0.00    | 0.00    | 0.00       | 70.90   | ppb   |
| Yttrium   | 89-1  |         |         |         | 98         |         | %     |
| Yttrium   | 89-2  |         |         |         | 100        |         | %     |
| Zinc      | 66-2  | 0.09    | 0.17    | 0.11    | 0.12       | 34.21   | ppb   |
| Zirconium | 90-1  | 0.00    | 0.00    | 0.00    | 0.00       | 387.44  | ppb   |
| Zirconium | 91-1  | 0.00    | 0.00    | 0.00    | 0.00       | 151.55  | ppb   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : ICSA007 Instrumnet Name : P7  
Client Sample ID : ICSA007 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 13:07:36 DataFile Name : 015ICSA.d

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 92431.76  | 92903.94  | 92683.41  | 92673.04   | 0.25    | ppb   |
| Antimony   | 121-1 | 1.09      | 1.06      | 1.13      | 1.09       | 2.82    | ppb   |
| Arsenic    | 75-2  | 0.43      | 0.51      | 0.34      | 0.43       | 19.39   | ppb   |
| Barium     | 135-1 | 1.35      | 1.32      | 1.53      | 1.40       | 8.02    | ppb   |
| Barium     | 137-1 | 1.38      | 1.45      | 1.38      | 1.40       | 2.95    | ppb   |
| Beryllium  | 9-1   | 0.28      | 0.31      | 0.38      | 0.33       | 16.11   | ppb   |
| Bismuth    | 209-1 |           |           |           | 99         |         | %     |
| Bismuth    | 209-2 |           |           |           | 101        |         | %     |
| Bromine    | 81-1  |           |           |           |            |         | cps   |
| Bromine    | 81-2  |           |           |           |            |         | cps   |
| Cadmium    | 108-1 | 5.36      | 5.08      | 4.13      | 4.86       | 13.29   | ppb   |
| Cadmium    | 106-1 | -0.78     | -1.71     | -1.33     | -1.27      |         | ppb   |
| Cadmium    | 111-1 | 0.13      | 0.10      | 0.11      | 0.11       | 11.89   | ppb   |
| Calcium    | 43-1  | 95836.07  | 96182.11  | 96450.00  | 96156.06   | 0.32    | ppb   |
| Calcium    | 44-1  | 94560.78  | 95812.89  | 96969.15  | 95780.94   | 1.26    | ppb   |
| Carbon     | 12-1  |           |           |           |            |         | cps   |
| Carbon     | 12-2  |           |           |           |            |         | cps   |
| Chlorine   | 35-1  |           |           |           |            |         | cps   |
| Chlorine   | 35-2  |           |           |           |            |         | cps   |
| Chromium   | 52-2  | 20.08     | 20.63     | 20.09     | 20.27      | 1.53    | ppb   |
| Cobalt     | 59-2  | 1.23      | 1.23      | 1.21      | 1.22       | 0.79    | ppb   |
| Copper     | 63-2  | 7.50      | 7.41      | 7.35      | 7.42       | 0.96    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 102        |         | %     |
| Holmium    | 165-2 |           |           |           | 105        |         | %     |
| Indium     | 115-1 |           |           |           | 95         |         | %     |
| Indium     | 115-2 |           |           |           | 95         |         | %     |
| Iron       | 56-2  | 102189.56 | 102189.07 | 101840.65 | 102073.10  | 0.20    | ppb   |
| Iron       | 57-2  | 101477.75 | 101350.51 | 102201.67 | 101676.64  | 0.45    | ppb   |
| Iron       | 54-2  | 102380.25 | 101323.64 | 101520.51 | 101741.47  | 0.55    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : ICSA007 Instrumnet Name : P7  
Client Sample ID : ICSA007 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 13:07:36 DataFile Name : 015ICSA.d

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Lead       | 206-1 | 4.14      | 4.17      | 4.41      | 4.24       | 3.51    | ppb   |
| Lead       | 207-1 | 3.72      | 3.84      | 3.94      | 3.83       | 2.90    | ppb   |
| Lead       | 208-1 | 3.87      | 3.92      | 4.09      | 3.96       | 2.94    | ppb   |
| Lithium    | 6-1   |           |           |           | 106        |         | %     |
| Magnesium  | 24-2  | 97994.03  | 97708.49  | 98900.44  | 98200.99   | 0.63    | ppb   |
| Manganese  | 55-2  | 8.81      | 8.74      | 8.86      | 8.81       | 0.66    | ppb   |
| Molybdenum | 94-1  | 1479.48   | 1494.13   | 1460.65   | 1478.09    | 1.14    | ppb   |
| Molybdenum | 95-1  | 1726.07   | 1778.23   | 1779.32   | 1761.20    | 1.73    | ppb   |
| Molybdenum | 96-1  | 1712.93   | 1766.17   | 1770.83   | 1749.98    | 1.84    | ppb   |
| Molybdenum | 97-1  | 1762.80   | 1835.04   | 1848.14   | 1815.33    | 2.53    | ppb   |
| Molybdenum | 98-1  | 1738.76   | 1804.98   | 1792.38   | 1778.71    | 1.98    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 5.60      | 5.80      | 5.45      | 5.62       | 3.19    | ppb   |
| Phosphorus | 31-2  | 101577.88 | 102464.11 | 102268.65 | 102103.55  | 0.46    | ppb   |
| Potassium  | 39-2  | 98639.62  | 97072.00  | 97678.91  | 97796.84   | 0.81    | ppb   |
| Rhodium    | 103-1 |           |           |           | 92         |         | %     |
| Rhodium    | 103-2 |           |           |           | 93         |         | %     |
| Scandium   | 45-1  |           |           |           | 95         |         | %     |
| Scandium   | 45-2  |           |           |           | 95         |         | %     |
| Selenium   | 82-1  | 0.06      | 0.42      | -0.13     | 0.12       | 240.81  | ppb   |
| Selenium   | 77-2  | 0.01      | 0.40      | -0.37     | 0.01       | 3171.57 | ppb   |
| Selenium   | 78-2  | -0.12     | 1.23      | -0.99     | 0.04       | 2565.06 | ppb   |
| Silicon    | 28-1  | 6.63      | 7.05      | 7.51      | 7.06       | 6.24    | ppb   |
| Silver     | 107-1 | 0.07      | 0.06      | 0.06      | 0.06       | 13.38   | ppb   |
| Silver     | 109-1 | 0.08      | 0.06      | 0.05      | 0.06       | 24.07   | ppb   |
| Sodium     | 23-2  | 99618.41  | 99382.64  | 99286.08  | 99429.04   | 0.17    | ppb   |
| Strontium  | 86-1  | 34.09     | 34.28     | 33.22     | 33.87      | 1.67    | ppb   |
| Strontium  | 88-1  | 34.02     | 34.55     | 34.31     | 34.29      | 0.77    | ppb   |
| Sulfur     | 34-1  | 96609.16  | 100021.53 | 99309.58  | 98646.76   | 1.82    | ppb   |
| Terbium    | 159-1 |           |           |           | 100        |         | %     |
| Terbium    | 159-2 |           |           |           | 102        |         | %     |
| Thallium   | 203-1 | 0.12      | 0.13      | 0.15      | 0.14       | 11.17   | ppb   |
| Thallium   | 205-1 | 0.11      | 0.12      | 0.12      | 0.12       | 8.51    | ppb   |
| Tin        | 118-1 | 0.23      | 0.28      | 0.22      | 0.25       | 13.10   | ppb   |
| Titanium   | 47-1  | 1779.42   | 1802.61   | 1824.11   | 1802.04    | 1.24    | ppb   |

LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

ICSA007

Instrumnet Name :

P7

Client Sample ID :

ICSA007

Dilution Factor :

1

Date & Time Acquired :

2024-10-30 13:07:36

DataFile Name :

015ICSA.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Uranium   | 238-1 | 0.02    | 0.02    | 0.02    | 0.02       | 14.12   | ppb   |
| Vanadium  | 51-2  | 0.17    | 0.20    | 0.18    | 0.18       | 8.02    | ppb   |
| Yttrium   | 89-1  |         |         |         | 94         |         | %     |
| Yttrium   | 89-2  |         |         |         | 98         |         | %     |
| Zinc      | 66-2  | 12.62   | 12.74   | 12.59   | 12.65      | 0.62    | ppb   |
| Zirconium | 90-1  | 0.04    | 0.02    | 0.02    | 0.03       | 32.92   | ppb   |
| Zirconium | 91-1  | 0.04    | 0.04    | 0.04    | 0.04       | 4.64    | ppb   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : ICSAB007 Instrumnet Name : P7  
Client Sample ID : ICSAB007 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 13:10:40 DataFile Name : 016ICSB.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 84143.30 | 84706.52 | 83553.22 | 84134.34   | 0.69    | ppb   |
| Antimony   | 121-1 | 19.31    | 19.78    | 21.23    | 20.11      | 4.99    | ppb   |
| Arsenic    | 75-2  | 18.59    | 20.12    | 19.94    | 19.55      | 4.29    | ppb   |
| Barium     | 135-1 | 18.88    | 19.28    | 21.01    | 19.72      | 5.76    | ppb   |
| Barium     | 137-1 | 18.66    | 19.16    | 20.22    | 19.35      | 4.13    | ppb   |
| Beryllium  | 9-1   | 20.27    | 21.06    | 21.46    | 20.93      | 2.90    | ppb   |
| Bismuth    | 209-1 |          |          |          | 104        |         | %     |
| Bismuth    | 209-2 |          |          |          | 106        |         | %     |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Bromine    | 81-2  |          |          |          |            |         | cps   |
| Cadmium    | 108-1 | 21.79    | 22.32    | 22.43    | 22.18      | 1.55    | ppb   |
| Cadmium    | 106-1 | 16.13    | 15.80    | 17.28    | 16.40      | 4.73    | ppb   |
| Cadmium    | 111-1 | 18.71    | 19.14    | 21.31    | 19.72      | 7.07    | ppb   |
| Calcium    | 43-1  | 91647.70 | 87672.26 | 94875.43 | 91398.46   | 3.95    | ppb   |
| Calcium    | 44-1  | 88058.17 | 88940.05 | 95126.27 | 90708.17   | 4.25    | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Carbon     | 12-2  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-2  |          |          |          |            |         | cps   |
| Chromium   | 52-2  | 38.35    | 38.12    | 37.53    | 38.00      | 1.11    | ppb   |
| Cobalt     | 59-2  | 20.15    | 19.90    | 19.67    | 19.90      | 1.20    | ppb   |
| Copper     | 63-2  | 24.56    | 24.56    | 24.38    | 24.50      | 0.42    | 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 |          |          |          | 108        |         | %     |
| Indium     | 115-1 |          |          |          | 98         |         | %     |
| Indium     | 115-2 |          |          |          | 100        |         | %     |
| Iron       | 56-2  | 93590.21 | 93566.23 | 92082.21 | 93079.55   | 0.93    | ppb   |
| Iron       | 57-2  | 93513.93 | 92194.13 | 91265.47 | 92324.51   | 1.22    | ppb   |
| Iron       | 54-2  | 93799.65 | 93479.43 | 92075.77 | 93118.28   | 0.98    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |

LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

ICSAB007

Instrumnet Name :

P7

Client Sample ID :

ICSAB007

Dilution Factor :

1

Date & Time Acquired :

2024-10-30 13:10:40

DataFile Name :

016ICSB.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Lead       | 206-1 | 22.30    | 23.44    | 24.68    | 23.47      | 5.08    | ppb   |
| Lead       | 207-1 | 21.57    | 22.07    | 23.55    | 22.40      | 4.59    | ppb   |
| Lead       | 208-1 | 21.72    | 22.35    | 23.83    | 22.64      | 4.79    | ppb   |
| Lithium    | 6-1   |          |          |          | 109        |         | %     |
| Magnesium  | 24-2  | 89759.12 | 89847.21 | 88612.95 | 89406.43   | 0.77    | ppb   |
| Manganese  | 55-2  | 26.73    | 26.59    | 26.18    | 26.50      | 1.09    | ppb   |
| Molybdenum | 94-1  | 1302.21  | 1366.38  | 1455.23  | 1374.61    | 5.59    | ppb   |
| Molybdenum | 95-1  | 1569.07  | 1634.56  | 1757.43  | 1653.69    | 5.78    | ppb   |
| Molybdenum | 96-1  | 1535.06  | 1591.76  | 1722.93  | 1616.58    | 5.96    | ppb   |
| Molybdenum | 97-1  | 1577.20  | 1655.66  | 1733.84  | 1655.57    | 4.73    | ppb   |
| Molybdenum | 98-1  | 1581.57  | 1625.25  | 1736.97  | 1647.93    | 4.86    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 24.44    | 24.51    | 24.47    | 24.47      | 0.13    | ppb   |
| Phosphorus | 31-2  | 94223.13 | 93725.40 | 92735.61 | 93561.38   | 0.81    | ppb   |
| Potassium  | 39-2  | 89849.68 | 89618.53 | 89325.68 | 89597.96   | 0.29    | ppb   |
| Rhodium    | 103-1 |          |          |          | 95         |         | %     |
| Rhodium    | 103-2 |          |          |          | 98         |         | %     |
| Scandium   | 45-1  |          |          |          | 96         |         | %     |
| Scandium   | 45-2  |          |          |          | 98         |         | %     |
| Selenium   | 82-1  | 18.07    | 18.91    | 22.38    | 19.79      | 11.54   | ppb   |
| Selenium   | 77-2  | 17.83    | 20.09    | 21.99    | 19.97      | 10.43   | ppb   |
| Selenium   | 78-2  | 18.57    | 16.03    | 21.39    | 18.66      | 14.35   | ppb   |
| Silicon    | 28-1  | 5.38     | 5.82     | 8.51     | 6.57       | 25.79   | ppb   |
| Silver     | 107-1 | 17.35    | 17.68    | 19.23    | 18.09      | 5.53    | ppb   |
| Silver     | 109-1 | 17.22    | 17.75    | 19.10    | 18.02      | 5.40    | ppb   |
| Sodium     | 23-2  | 91096.34 | 91223.68 | 90193.50 | 90837.84   | 0.62    | ppb   |
| Strontium  | 86-1  | 30.06    | 30.54    | 34.34    | 31.65      | 7.42    | ppb   |
| Strontium  | 88-1  | 30.24    | 31.01    | 33.64    | 31.63      | 5.64    | ppb   |
| Sulfur     | 34-1  | 90315.54 | 90788.46 | 98070.11 | 93058.04   | 4.67    | ppb   |
| Terbium    | 159-1 |          |          |          | 104        |         | %     |
| Terbium    | 159-2 |          |          |          | 105        |         | %     |
| Thallium   | 203-1 | 19.49    | 19.98    | 21.38    | 20.28      | 4.83    | ppb   |
| Thallium   | 205-1 | 19.72    | 20.11    | 21.40    | 20.41      | 4.32    | ppb   |
| Tin        | 118-1 | 0.18     | 0.23     | 0.25     | 0.22       | 15.27   | ppb   |
| Titanium   | 47-1  | 1652.51  | 1674.16  | 1806.68  | 1711.12    | 4.88    | ppb   |



LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

ICSAB007

Instrumnet Name :

P7

Client Sample ID :

ICSAB007

Dilution Factor :

1

Date & Time Acquired :

2024-10-30 13:10:40

DataFile Name :

016ICSB.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Uranium   | 238-1 | 0.02    | 0.02    | 0.02    | 0.02       | 12.01   | ppb   |
| Vanadium  | 51-2  | 19.26   | 18.98   | 19.13   | 19.12      | 0.73    | ppb   |
| Yttrium   | 89-1  |         |         |         | 98         |         | %     |
| Yttrium   | 89-2  |         |         |         | 101        |         | %     |
| Zinc      | 66-2  | 31.50   | 31.24   | 31.92   | 31.55      | 1.09    | ppb   |
| Zirconium | 90-1  | 0.01    | 0.02    | 0.02    | 0.02       | 42.91   | ppb   |
| Zirconium | 91-1  | 0.00    | 0.00    | 0.02    | 0.01       | 134.55  | ppb   |

|                        |                     |                   |          |
|------------------------|---------------------|-------------------|----------|
| LB Number :            | LB133210            | Operator :        | Jaswal   |
| Lab Sample ID :        | CCV035              | Instrumnet Name : | P7       |
| Client Sample ID :     | CCV035              | Dilution Factor : | 1        |
| Date & Time Acquired : | 2024-10-30 13:13:48 | DataFile Name :   | 017CCV.d |

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 48688.64  | 49935.31  | 52038.10  | 50220.68   | 3.37    | ppb   |
| Antimony   | 121-1 | 484.98    | 498.61    | 503.13    | 495.57     | 1.91    | ppb   |
| Arsenic    | 75-2  | 525.29    | 527.05    | 562.90    | 538.41     | 3.94    | ppb   |
| Barium     | 135-1 | 2421.31   | 2450.37   | 2536.12   | 2469.26    | 2.42    | ppb   |
| Barium     | 137-1 | 2446.38   | 2457.13   | 2513.77   | 2472.43    | 1.46    | ppb   |
| Beryllium  | 9-1   | 500.97    | 504.70    | 516.78    | 507.48     | 1.63    | ppb   |
| Bismuth    | 209-1 |           |           |           | 104        |         | %     |
| Bismuth    | 209-2 |           |           |           | 99         |         | %     |
| Bromine    | 81-1  |           |           |           |            |         | cps   |
| Bromine    | 81-2  |           |           |           |            |         | cps   |
| Cadmium    | 108-1 | 505.08    | 496.90    | 513.38    | 505.12     | 1.63    | ppb   |
| Cadmium    | 106-1 | 500.55    | 517.12    | 519.55    | 512.41     | 2.02    | ppb   |
| Cadmium    | 111-1 | 501.86    | 513.25    | 518.76    | 511.29     | 1.68    | ppb   |
| Calcium    | 43-1  | 236506.54 | 245301.36 | 242360.36 | 241389.42  | 1.85    | ppb   |
| Calcium    | 44-1  | 236136.49 | 241358.20 | 241773.83 | 239756.17  | 1.31    | ppb   |
| Carbon     | 12-1  |           |           |           |            |         | cps   |
| Carbon     | 12-2  |           |           |           |            |         | cps   |
| Chlorine   | 35-1  |           |           |           |            |         | cps   |
| Chlorine   | 35-2  |           |           |           |            |         | cps   |
| Chromium   | 52-2  | 484.91    | 492.83    | 521.68    | 499.80     | 3.87    | ppb   |
| Cobalt     | 59-2  | 509.55    | 512.07    | 546.62    | 522.75     | 3.96    | ppb   |
| Copper     | 63-2  | 5031.99   | 5042.09   | 5280.82   | 5118.30    | 2.75    | ppb   |
| Dysprosium | 156-1 |           |           |           |            |         | cps   |
| Dysprosium | 156-2 |           |           |           |            |         | cps   |
| Erbium     | 164-1 |           |           |           |            |         | cps   |
| Erbium     | 164-2 |           |           |           |            |         | cps   |
| Gadolinium | 160-1 |           |           |           |            |         | cps   |
| Gadolinium | 160-2 |           |           |           |            |         | cps   |
| Holmium    | 165-1 |           |           |           | 104        |         | %     |
| Holmium    | 165-2 |           |           |           | 103        |         | %     |
| Indium     | 115-1 |           |           |           | 97         |         | %     |
| Indium     | 115-2 |           |           |           | 94         |         | %     |
| Iron       | 56-2  | 123921.32 | 125630.64 | 132414.75 | 127322.24  | 3.53    | ppb   |
| Iron       | 57-2  | 123317.41 | 124924.36 | 131293.37 | 126511.71  | 3.33    | ppb   |
| Iron       | 54-2  | 124231.62 | 126314.89 | 130573.53 | 127040.01  | 2.54    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |

LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

CCV035

Instrumnet Name :

P7

Client Sample ID :

CCV035

Dilution Factor :

1

Date & Time Acquired :

2024-10-30 13:13:48

DataFile Name :

017CCV.d

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Lead       | 206-1 | 2394.58   | 2437.04   | 2484.68   | 2438.77    | 1.85    | ppb   |
| Lead       | 207-1 | 2432.81   | 2487.45   | 2483.15   | 2467.80    | 1.23    | ppb   |
| Lead       | 208-1 | 2423.20   | 2462.49   | 2482.65   | 2456.11    | 1.23    | ppb   |
| Lithium    | 6-1   |           |           |           | 106        |         | %     |
| Magnesium  | 24-2  | 236665.38 | 242928.41 | 252365.47 | 243986.42  | 3.24    | ppb   |
| Manganese  | 55-2  | 4817.25   | 4944.84   | 5149.61   | 4970.57    | 3.37    | ppb   |
| Molybdenum | 94-1  | 4868.71   | 4913.22   | 4987.33   | 4923.09    | 1.22    | ppb   |
| Molybdenum | 95-1  | 4849.37   | 4883.11   | 5012.96   | 4915.15    | 1.76    | ppb   |
| Molybdenum | 96-1  | 4870.82   | 4903.72   | 5031.17   | 4935.23    | 1.72    | ppb   |
| Molybdenum | 97-1  | 4852.18   | 4866.53   | 4977.48   | 4898.73    | 1.40    | ppb   |
| Molybdenum | 98-1  | 4807.50   | 4882.31   | 4988.64   | 4892.82    | 1.86    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 504.76    | 512.03    | 537.73    | 518.17     | 3.34    | ppb   |
| Phosphorus | 31-2  | 9732.27   | 9931.36   | 10514.15  | 10059.26   | 4.04    | ppb   |
| Potassium  | 39-2  | 122342.48 | 124533.17 | 130976.07 | 125950.57  | 3.56    | ppb   |
| Rhodium    | 103-1 |           |           |           | 94         |         | %     |
| Rhodium    | 103-2 |           |           |           | 92         |         | %     |
| Scandium   | 45-1  |           |           |           | 98         |         | %     |
| Scandium   | 45-2  |           |           |           | 96         |         | %     |
| Selenium   | 82-1  | 510.66    | 511.36    | 520.38    | 514.13     | 1.06    | ppb   |
| Selenium   | 77-2  | 538.32    | 520.82    | 568.90    | 542.68     | 4.48    | ppb   |
| Selenium   | 78-2  | 520.45    | 530.92    | 558.60    | 536.66     | 3.67    | ppb   |
| Silicon    | 28-1  | 2466.43   | 2483.69   | 2419.88   | 2456.67    | 1.34    | ppb   |
| Silver     | 107-1 | 499.58    | 509.64    | 511.68    | 506.97     | 1.28    | ppb   |
| Silver     | 109-1 | 513.08    | 509.01    | 510.70    | 510.93     | 0.40    | ppb   |
| Sodium     | 23-2  | 244051.38 | 248326.68 | 259070.45 | 250482.84  | 3.09    | ppb   |
| Strontium  | 86-1  | 12118.04  | 12389.25  | 12524.98  | 12344.09   | 1.68    | ppb   |
| Strontium  | 88-1  | 12172.46  | 12254.96  | 12677.54  | 12368.32   | 2.19    | ppb   |
| Sulfur     | 34-1  | 9182.06   | 9361.77   | 9284.98   | 9276.27    | 0.97    | ppb   |
| Terbium    | 159-1 |           |           |           | 104        |         | %     |
| Terbium    | 159-2 |           |           |           | 102        |         | %     |
| Thallium   | 203-1 | 484.20    | 493.08    | 500.18    | 492.49     | 1.63    | ppb   |
| Thallium   | 205-1 | 489.41    | 486.70    | 509.73    | 495.28     | 2.54    | ppb   |
| Tin        | 118-1 | 464.93    | 471.69    | 488.72    | 475.11     | 2.58    | ppb   |
| Titanium   | 47-1  | 4781.45   | 4836.53   | 4949.09   | 4855.69    | 1.76    | ppb   |

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LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

CCB035

Instrumnet Name :

P7

Client Sample ID :

CCB035

Dilution Factor :

1

Date & Time Acquired :

2024-10-30 13:16:34

DataFile Name :

018CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 2.24    | 1.98    | 2.21    | 2.15       | 6.71    | ppb   |
| Antimony   | 121-1 | 0.36    | 0.35    | 0.34    | 0.35       | 2.23    | ppb   |
| Arsenic    | 75-2  | 0.01    | 0.00    | 0.03    | 0.01       | 121.88  | ppb   |
| Barium     | 135-1 | 0.12    | 0.11    | 0.07    | 0.10       | 24.89   | ppb   |
| Barium     | 137-1 | 0.16    | 0.09    | 0.11    | 0.12       | 26.80   | ppb   |
| Beryllium  | 9-1   | 0.08    | 0.06    | 0.08    | 0.07       | 19.49   | ppb   |
| Bismuth    | 209-1 |         |         |         | 110        |         | %     |
| Bismuth    | 209-2 |         |         |         | 108        |         | %     |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Bromine    | 81-2  |         |         |         |            |         | cps   |
| Cadmium    | 108-1 | -0.07   | -0.07   | 0.01    | -0.04      |         | ppb   |
| Cadmium    | 106-1 | 0.38    | -1.04   | -1.36   | -0.67      |         | ppb   |
| Cadmium    | 111-1 | 0.09    | -0.02   | -0.08   | 0.00       |         | ppb   |
| Calcium    | 43-1  | 14.08   | 17.69   | 4.80    | 12.19      | 54.53   | ppb   |
| Calcium    | 44-1  | 6.92    | 4.17    | 2.58    | 4.56       | 48.15   | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 0.00    | 0.04    | -0.01   | 0.01       | 358.34  | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.01    | 0.01    | 0.01       | 52.03   | ppb   |
| Copper     | 63-2  | 0.28    | 0.27    | 0.24    | 0.26       | 7.25    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 103        |         | %     |
| Holmium    | 165-2 |         |         |         | 105        |         | %     |
| Indium     | 115-1 |         |         |         | 102        |         | %     |
| Indium     | 115-2 |         |         |         | 102        |         | %     |
| Iron       | 56-2  | 4.51    | 4.21    | 4.00    | 4.24       | 6.07    | ppb   |
| Iron       | 57-2  | -1.32   | 1.88    | 3.07    | 1.21       | 187.56  | ppb   |
| Iron       | 54-2  | 3.39    | 2.49    | 3.63    | 3.17       | 18.93   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : CCB035 Instrumnet Name : P7  
Client Sample ID : CCB035 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 13:16:34 DataFile Name : 018CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Lead       | 206-1 | 0.23    | 0.19    | 0.17    | 0.20       | 15.42   | ppb   |
| Lead       | 207-1 | 0.21    | 0.19    | 0.16    | 0.19       | 11.40   | ppb   |
| Lead       | 208-1 | 0.21    | 0.18    | 0.17    | 0.19       | 13.27   | ppb   |
| Lithium    | 6-1   |         |         |         | 104        |         | %     |
| Magnesium  | 24-2  | 9.43    | 8.67    | 8.28    | 8.79       | 6.65    | ppb   |
| Manganese  | 55-2  | 0.11    | 0.09    | 0.10    | 0.10       | 12.86   | ppb   |
| Molybdenum | 94-1  | 0.43    | 0.39    | 0.30    | 0.37       | 17.08   | ppb   |
| Molybdenum | 95-1  | 0.43    | 0.38    | 0.37    | 0.39       | 8.78    | ppb   |
| Molybdenum | 96-1  | 0.47    | 0.38    | 0.36    | 0.40       | 14.76   | ppb   |
| Molybdenum | 97-1  | 0.46    | 0.37    | 0.39    | 0.41       | 10.88   | ppb   |
| Molybdenum | 98-1  | 0.48    | 0.40    | 0.33    | 0.40       | 18.96   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.02    | -0.01   | 0.00    | 0.00       | 1171.21 | ppb   |
| Phosphorus | 31-2  | -18.03  | -20.90  | -15.76  | -18.23     |         | ppb   |
| Potassium  | 39-2  | 13.55   | 13.17   | 16.84   | 14.52      | 13.92   | ppb   |
| Rhodium    | 103-1 |         |         |         | 101        |         | %     |
| Rhodium    | 103-2 |         |         |         | 101        |         | %     |
| Scandium   | 45-1  |         |         |         | 98         |         | %     |
| Scandium   | 45-2  |         |         |         | 100        |         | %     |
| Selenium   | 82-1  | -0.27   | -0.17   | -0.50   | -0.31      |         | ppb   |
| Selenium   | 77-2  | -0.01   | -0.37   | -0.37   | -0.25      |         | ppb   |
| Selenium   | 78-2  | -1.04   | 1.40    | -0.28   | 0.03       | 4131.78 | ppb   |
| Silicon    | 28-1  | -1.60   | -1.31   | -1.33   | -1.41      |         | ppb   |
| Silver     | 107-1 | 0.06    | 0.05    | 0.04    | 0.05       | 22.79   | ppb   |
| Silver     | 109-1 | 0.08    | 0.06    | 0.04    | 0.06       | 27.80   | ppb   |
| Sodium     | 23-2  | 71.96   | 69.43   | 68.18   | 69.86      | 2.75    | ppb   |
| Strontium  | 86-1  | 0.60    | 0.41    | 0.39    | 0.46       | 24.71   | ppb   |
| Strontium  | 88-1  | 0.60    | 0.48    | 0.41    | 0.50       | 19.57   | ppb   |
| Sulfur     | 34-1  | -581.60 | -399.71 | -430.63 | -470.65    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 104        |         | %     |
| Terbium    | 159-2 |         |         |         | 105        |         | %     |
| Thallium   | 203-1 | 0.09    | 0.10    | 0.10    | 0.09       | 4.80    | ppb   |
| Thallium   | 205-1 | 0.09    | 0.09    | 0.08    | 0.08       | 9.79    | ppb   |
| Tin        | 118-1 | 0.19    | 0.18    | 0.18    | 0.18       | 3.04    | ppb   |
| Titanium   | 47-1  | 0.37    | 0.25    | 0.22    | 0.28       | 28.45   | ppb   |

LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

CCB035

Instrumnet Name :

P7

Client Sample ID :

CCB035

Dilution Factor :

1

Date & Time Acquired :

2024-10-30 13:16:34

DataFile Name :

018CCBE.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Uranium   | 238-1 | 0.02    | 0.02    | 0.02    | 0.02       | 18.83   | ppb   |
| Vanadium  | 51-2  | 0.02    | 0.01    | 0.02    | 0.02       | 21.12   | ppb   |
| Yttrium   | 89-1  |         |         |         | 100        |         | %     |
| Yttrium   | 89-2  |         |         |         | 102        |         | %     |
| Zinc      | 66-2  | 0.17    | 0.00    | 0.20    | 0.12       | 85.11   | ppb   |
| Zirconium | 90-1  | 0.04    | 0.04    | 0.04    | 0.04       | 3.51    | ppb   |
| Zirconium | 91-1  | 0.05    | 0.05    | 0.06    | 0.05       | 12.39   | ppb   |

LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

PB164277BL

Instrumnet Name :

P7

Client Sample ID :

PBS277

Dilution Factor :

1

Date & Time Acquired :

2024-10-30 13:19:54

DataFile Name :

019CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 1.20    | 0.92    | 0.71    | 0.94       | 26.03   | ppb   |
| Antimony   | 121-1 | 0.07    | 0.08    | 0.09    | 0.08       | 10.53   | ppb   |
| Arsenic    | 75-2  | 0.03    | 0.00    | 0.02    | 0.02       | 104.72  | ppb   |
| Barium     | 135-1 | 0.05    | 0.03    | 0.06    | 0.05       | 30.39   | ppb   |
| Barium     | 137-1 | 0.04    | 0.04    | 0.06    | 0.05       | 30.85   | ppb   |
| Beryllium  | 9-1   | 0.12    | 0.03    | 0.01    | 0.05       | 108.25  | ppb   |
| Bismuth    | 209-1 |         |         |         | 109        |         | %     |
| Bismuth    | 209-2 |         |         |         | 107        |         | %     |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Bromine    | 81-2  |         |         |         |            |         | cps   |
| Cadmium    | 108-1 | -0.07   | -0.03   | -0.10   | -0.07      |         | ppb   |
| Cadmium    | 106-1 | -0.75   | -0.80   | 0.09    | -0.48      |         | ppb   |
| Cadmium    | 111-1 | -0.01   | -0.04   | 0.04    | -0.01      |         | ppb   |
| Calcium    | 43-1  | 61.43   | 3.46    | 4.44    | 23.11      | 143.62  | ppb   |
| Calcium    | 44-1  | 36.89   | -3.22   | -5.80   | 9.29       | 257.63  | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 0.00    | -0.06   | -0.02   | -0.03      |         | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.01    | 0.00    | 0.01       | 63.63   | ppb   |
| Copper     | 63-2  | 0.18    | 0.19    | 0.11    | 0.16       | 28.24   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 103        |         | %     |
| Holmium    | 165-2 |         |         |         | 105        |         | %     |
| Indium     | 115-1 |         |         |         | 102        |         | %     |
| Indium     | 115-2 |         |         |         | 102        |         | %     |
| Iron       | 56-2  | 1.83    | 1.79    | 1.93    | 1.85       | 3.74    | ppb   |
| Iron       | 57-2  | -1.73   | -1.36   | 1.69    | -0.46      |         | ppb   |
| Iron       | 54-2  | 1.15    | 1.83    | 1.85    | 1.61       | 24.64   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |



LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : PB164277BL Instrumnet Name : P7  
Client Sample ID : PBS277 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 13:19:54 DataFile Name : 019CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Lead       | 206-1 | 0.11    | 0.09    | 0.09    | 0.10       | 15.23   | ppb   |
| Lead       | 207-1 | 0.11    | 0.10    | 0.09    | 0.10       | 7.53    | ppb   |
| Lead       | 208-1 | 0.11    | 0.10    | 0.10    | 0.10       | 5.46    | ppb   |
| Lithium    | 6-1   |         |         |         | 104        |         | %     |
| Magnesium  | 24-2  | 3.60    | 4.01    | 3.73    | 3.78       | 5.58    | ppb   |
| Manganese  | 55-2  | 0.02    | 0.01    | 0.02    | 0.02       | 38.13   | ppb   |
| Molybdenum | 94-1  | 0.25    | 0.12    | 0.14    | 0.17       | 40.74   | ppb   |
| Molybdenum | 95-1  | 0.20    | 0.12    | 0.11    | 0.14       | 35.94   | ppb   |
| Molybdenum | 96-1  | 0.18    | 0.12    | 0.12    | 0.14       | 24.15   | ppb   |
| Molybdenum | 97-1  | 0.17    | 0.12    | 0.11    | 0.13       | 23.69   | ppb   |
| Molybdenum | 98-1  | 0.17    | 0.10    | 0.10    | 0.12       | 33.31   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | -0.02   | -0.01   | 0.02    | 0.00       |         | ppb   |
| Phosphorus | 31-2  | -19.52  | -20.30  | -21.07  | -20.30     |         | ppb   |
| Potassium  | 39-2  | 6.15    | 4.61    | 5.82    | 5.52       | 14.71   | ppb   |
| Rhodium    | 103-1 |         |         |         | 101        |         | %     |
| Rhodium    | 103-2 |         |         |         | 102        |         | %     |
| Scandium   | 45-1  |         |         |         | 99         |         | %     |
| Scandium   | 45-2  |         |         |         | 99         |         | %     |
| Selenium   | 82-1  | 0.16    | 0.43    | 0.40    | 0.33       | 45.23   | ppb   |
| Selenium   | 77-2  | -0.37   | -0.37   | -0.37   | -0.37      |         | ppb   |
| Selenium   | 78-2  | 0.77    | -0.14   | -1.24   | -0.20      |         | ppb   |
| Silicon    | 28-1  | -2.96   | -2.72   | -2.63   | -2.77      |         | ppb   |
| Silver     | 107-1 | 0.03    | 0.02    | 0.02    | 0.02       | 21.07   | ppb   |
| Silver     | 109-1 | 0.02    | 0.02    | 0.02    | 0.02       | 8.22    | ppb   |
| Sodium     | 23-2  | 44.92   | 46.73   | 46.95   | 46.20      | 2.42    | ppb   |
| Strontium  | 86-1  | 0.33    | 0.15    | 0.19    | 0.22       | 41.62   | ppb   |
| Strontium  | 88-1  | 0.39    | 0.16    | 0.16    | 0.24       | 55.42   | ppb   |
| Sulfur     | 34-1  | -635.92 | -491.96 | -526.88 | -551.58    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 104        |         | %     |
| Terbium    | 159-2 |         |         |         | 104        |         | %     |
| Thallium   | 203-1 | 0.04    | 0.04    | 0.03    | 0.04       | 17.04   | ppb   |
| Thallium   | 205-1 | 0.04    | 0.04    | 0.04    | 0.04       | 8.50    | ppb   |
| Tin        | 118-1 | 0.16    | 0.08    | 0.11    | 0.12       | 33.49   | ppb   |
| Titanium   | 47-1  | 0.44    | 0.09    | 0.11    | 0.22       | 90.46   | ppb   |

LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

PB164277BL

Instrumnet Name :

P7

Client Sample ID :

PBS277

Dilution Factor :

1

Date & Time Acquired :

2024-10-30 13:19:54

DataFile Name :

019CCBE.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Uranium   | 238-1 | 0.02    | 0.01    | 0.01    | 0.01       | 68.75   | ppb   |
| Vanadium  | 51-2  | 0.01    | 0.00    | 0.01    | 0.01       | 47.43   | ppb   |
| Yttrium   | 89-1  |         |         |         | 100        |         | %     |
| Yttrium   | 89-2  |         |         |         | 102        |         | %     |
| Zinc      | 66-2  | 0.10    | 0.11    | 0.01    | 0.07       | 75.54   | ppb   |
| Zirconium | 90-1  | 0.03    | 0.02    | 0.01    | 0.02       | 44.96   | ppb   |
| Zirconium | 91-1  | 0.01    | -0.01   | 0.00    | 0.00       | 247.55  | ppb   |

LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

PB164277BS

Instrumnet Name :

P7

Client Sample ID :

LCS277

Dilution Factor :

1

Date & Time Acquired :

2024-10-30 13:23:11

DataFile Name :

020LCSE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 38.47   | 39.24   | 38.08   | 38.59      | 1.53    | ppb   |
| Antimony   | 121-1 | 3.79    | 3.80    | 3.95    | 3.85       | 2.31    | ppb   |
| Arsenic    | 75-2  | 1.82    | 1.83    | 1.96    | 1.87       | 4.12    | ppb   |
| Barium     | 135-1 | 17.76   | 17.90   | 18.22   | 17.96      | 1.31    | ppb   |
| Barium     | 137-1 | 17.29   | 17.59   | 17.59   | 17.49      | 0.99    | ppb   |
| Beryllium  | 9-1   | 1.97    | 1.70    | 2.15    | 1.94       | 11.50   | ppb   |
| Bismuth    | 209-1 |         |         |         | 109        |         | %     |
| Bismuth    | 209-2 |         |         |         | 107        |         | %     |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Bromine    | 81-2  |         |         |         |            |         | cps   |
| Cadmium    | 108-1 | 2.75    | 2.70    | 2.01    | 2.49       | 16.54   | ppb   |
| Cadmium    | 106-1 | 2.75    | 2.05    | 1.43    | 2.08       | 31.80   | ppb   |
| Cadmium    | 111-1 | 2.54    | 2.48    | 2.53    | 2.52       | 1.25    | ppb   |
| Calcium    | 43-1  | 935.29  | 923.68  | 952.43  | 937.13     | 1.54    | ppb   |
| Calcium    | 44-1  | 924.64  | 940.78  | 950.72  | 938.71     | 1.40    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 4.33    | 4.49    | 4.47    | 4.43       | 1.95    | ppb   |
| Cobalt     | 59-2  | 1.91    | 1.96    | 1.97    | 1.95       | 1.78    | ppb   |
| Copper     | 63-2  | 4.03    | 4.02    | 4.26    | 4.11       | 3.27    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 103        |         | %     |
| Holmium    | 165-2 |         |         |         | 106        |         | %     |
| Indium     | 115-1 |         |         |         | 102        |         | %     |
| Indium     | 115-2 |         |         |         | 102        |         | %     |
| Iron       | 56-2  | 410.52  | 415.10  | 419.81  | 415.15     | 1.12    | ppb   |
| Iron       | 57-2  | 413.98  | 416.82  | 414.41  | 415.07     | 0.37    | ppb   |
| Iron       | 54-2  | 417.31  | 413.68  | 417.97  | 416.32     | 0.56    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : PB164277BS Instrumnet Name : P7  
Client Sample ID : LCS277 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 13:23:11 DataFile Name : 020LCSE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Lead       | 206-1 | 1.73    | 1.83    | 1.71    | 1.76       | 3.61    | ppb   |
| Lead       | 207-1 | 1.67    | 1.85    | 1.72    | 1.75       | 5.39    | ppb   |
| Lead       | 208-1 | 1.71    | 1.78    | 1.70    | 1.73       | 2.49    | ppb   |
| Lithium    | 6-1   |         |         |         | 105        |         | %     |
| Magnesium  | 24-2  | 1024.51 | 1031.22 | 1048.44 | 1034.72    | 1.19    | ppb   |
| Manganese  | 55-2  | 2.00    | 2.12    | 2.10    | 2.07       | 2.98    | ppb   |
| Molybdenum | 94-1  | 10.13   | 10.71   | 10.48   | 10.44      | 2.83    | ppb   |
| Molybdenum | 95-1  | 8.64    | 8.90    | 8.76    | 8.77       | 1.54    | ppb   |
| Molybdenum | 96-1  | 8.68    | 8.86    | 8.77    | 8.77       | 1.05    | ppb   |
| Molybdenum | 97-1  | 8.59    | 8.70    | 8.87    | 8.72       | 1.58    | ppb   |
| Molybdenum | 98-1  | 8.28    | 8.57    | 8.62    | 8.49       | 2.15    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 2.24    | 2.29    | 2.26    | 2.26       | 1.09    | ppb   |
| Phosphorus | 31-2  | -16.75  | -20.17  | -20.36  | -19.10     |         | ppb   |
| Potassium  | 39-2  | 999.27  | 1023.10 | 1037.45 | 1019.94    | 1.89    | ppb   |
| Rhodium    | 103-1 |         |         |         | 100        |         | %     |
| Rhodium    | 103-2 |         |         |         | 101        |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 98         |         | %     |
| Selenium   | 82-1  | 10.37   | 9.54    | 10.41   | 10.11      | 4.85    | ppb   |
| Selenium   | 77-2  | 7.30    | 13.44   | 9.64    | 10.13      | 30.59   | ppb   |
| Selenium   | 78-2  | 10.67   | 13.30   | 8.89    | 10.95      | 20.26   | ppb   |
| Silicon    | 28-1  | 3.48    | 3.97    | 4.20    | 3.88       | 9.39    | ppb   |
| Silver     | 107-1 | 1.86    | 1.90    | 1.92    | 1.90       | 1.65    | ppb   |
| Silver     | 109-1 | 1.78    | 1.87    | 1.90    | 1.85       | 3.29    | ppb   |
| Sodium     | 23-2  | 1000.56 | 1022.29 | 1035.56 | 1019.47    | 1.73    | ppb   |
| Strontium  | 86-1  | 1.88    | 1.92    | 2.02    | 1.94       | 3.96    | ppb   |
| Strontium  | 88-1  | 1.94    | 2.00    | 2.01    | 1.98       | 1.93    | ppb   |
| Sulfur     | 34-1  | -497.23 | -490.99 | -402.57 | -463.60    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 104        |         | %     |
| Terbium    | 159-2 |         |         |         | 103        |         | %     |
| Thallium   | 203-1 | 1.65    | 1.72    | 1.65    | 1.67       | 2.55    | ppb   |
| Thallium   | 205-1 | 1.68    | 1.69    | 1.70    | 1.69       | 0.35    | ppb   |
| Tin        | 118-1 | 0.18    | 0.15    | 0.10    | 0.15       | 26.61   | ppb   |
| Titanium   | 47-1  | 8.54    | 8.60    | 8.90    | 8.68       | 2.20    | ppb   |

LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

PB164277BS

Instrumnet Name :

P7

Client Sample ID :

LCS277

Dilution Factor :

1

Date & Time Acquired :

2024-10-30 13:23:11

DataFile Name :

020LCSE.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Uranium   | 238-1 | 1.57    | 1.61    | 1.59    | 1.59       | 1.19    | ppb   |
| Vanadium  | 51-2  | 9.66    | 9.53    | 10.00   | 9.73       | 2.47    | ppb   |
| Yttrium   | 89-1  |         |         |         | 99         |         | %     |
| Yttrium   | 89-2  |         |         |         | 100        |         | %     |
| Zinc      | 66-2  | 9.76    | 10.26   | 9.93    | 9.98       | 2.54    | ppb   |
| Zirconium | 90-1  | 1.90    | 1.98    | 1.95    | 1.94       | 2.12    | ppb   |
| Zirconium | 91-1  | 1.95    | 1.87    | 1.96    | 1.93       | 2.65    | ppb   |

LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

PB164277BSD

Instrumnet Name :

P7

Client Sample ID :

LCSD277

Dilution Factor :

1

Date & Time Acquired :

2024-10-30 13:26:30

DataFile Name :

021LLCC.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 20.53   | 20.62   | 19.90   | 20.35      | 1.93    | ppb   |
| Antimony   | 121-1 | 1.98    | 1.95    | 1.94    | 1.96       | 1.09    | ppb   |
| Arsenic    | 75-2  | 0.91    | 1.02    | 1.07    | 1.00       | 8.09    | ppb   |
| Barium     | 135-1 | 8.93    | 8.76    | 9.03    | 8.91       | 1.51    | ppb   |
| Barium     | 137-1 | 8.84    | 9.05    | 8.81    | 8.90       | 1.46    | ppb   |
| Beryllium  | 9-1   | 0.88    | 1.07    | 1.14    | 1.03       | 12.74   | ppb   |
| Bismuth    | 209-1 |         |         |         | 109        |         | %     |
| Bismuth    | 209-2 |         |         |         | 108        |         | %     |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Bromine    | 81-2  |         |         |         |            |         | cps   |
| Cadmium    | 108-1 | 1.18    | 1.54    | 1.10    | 1.28       | 18.20   | ppb   |
| Cadmium    | 106-1 | 0.86    | -0.23   | 0.34    | 0.32       | 170.21  | ppb   |
| Cadmium    | 111-1 | 1.21    | 1.20    | 1.32    | 1.24       | 5.24    | ppb   |
| Calcium    | 43-1  | 470.66  | 476.97  | 479.61  | 475.75     | 0.97    | ppb   |
| Calcium    | 44-1  | 463.03  | 471.90  | 477.99  | 470.97     | 1.60    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 2.19    | 2.08    | 2.21    | 2.16       | 3.24    | ppb   |
| Cobalt     | 59-2  | 0.98    | 0.90    | 0.95    | 0.94       | 4.44    | ppb   |
| Copper     | 63-2  | 2.22    | 2.16    | 2.21    | 2.20       | 1.42    | 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 |         |         |         | 105        |         | %     |
| Indium     | 115-1 |         |         |         | 102        |         | %     |
| Indium     | 115-2 |         |         |         | 102        |         | %     |
| Iron       | 56-2  | 210.31  | 207.47  | 208.27  | 208.69     | 0.70    | ppb   |
| Iron       | 57-2  | 205.71  | 207.80  | 202.90  | 205.47     | 1.20    | ppb   |
| Iron       | 54-2  | 215.74  | 204.47  | 210.04  | 210.09     | 2.68    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : PB164277BSD Instrumnet Name : P7  
Client Sample ID : LCSD277 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 13:26:30 DataFile Name : 021LLCC.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Lead       | 206-1 | 0.92    | 0.96    | 0.91    | 0.93       | 3.24    | ppb   |
| Lead       | 207-1 | 0.84    | 0.92    | 0.92    | 0.89       | 4.99    | ppb   |
| Lead       | 208-1 | 0.91    | 0.95    | 0.93    | 0.93       | 2.44    | ppb   |
| Lithium    | 6-1   |         |         |         | 105        |         | %     |
| Magnesium  | 24-2  | 525.10  | 515.26  | 521.38  | 520.58     | 0.95    | ppb   |
| Manganese  | 55-2  | 1.11    | 1.17    | 1.09    | 1.12       | 3.65    | ppb   |
| Molybdenum | 94-1  | 5.38    | 5.11    | 5.42    | 5.30       | 3.17    | ppb   |
| Molybdenum | 95-1  | 4.33    | 4.28    | 4.39    | 4.33       | 1.27    | ppb   |
| Molybdenum | 96-1  | 4.49    | 4.38    | 4.41    | 4.42       | 1.27    | ppb   |
| Molybdenum | 97-1  | 4.34    | 4.38    | 4.43    | 4.38       | 0.95    | ppb   |
| Molybdenum | 98-1  | 4.26    | 4.36    | 4.44    | 4.35       | 2.14    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 1.10    | 1.12    | 1.17    | 1.13       | 3.11    | ppb   |
| Phosphorus | 31-2  | -20.22  | -19.99  | -14.36  | -18.19     |         | ppb   |
| Potassium  | 39-2  | 513.35  | 504.88  | 504.91  | 507.71     | 0.96    | ppb   |
| Rhodium    | 103-1 |         |         |         | 101        |         | %     |
| Rhodium    | 103-2 |         |         |         | 102        |         | %     |
| Scandium   | 45-1  |         |         |         | 99         |         | %     |
| Scandium   | 45-2  |         |         |         | 99         |         | %     |
| Selenium   | 82-1  | 5.67    | 5.52    | 5.44    | 5.54       | 2.07    | ppb   |
| Selenium   | 77-2  | 3.97    | 2.88    | 6.45    | 4.43       | 41.31   | ppb   |
| Selenium   | 78-2  | 4.22    | 4.50    | 2.59    | 3.77       | 27.47   | ppb   |
| Silicon    | 28-1  | 0.18    | 0.69    | 0.79    | 0.55       | 59.94   | ppb   |
| Silver     | 107-1 | 0.96    | 0.92    | 0.98    | 0.95       | 3.49    | ppb   |
| Silver     | 109-1 | 0.92    | 0.93    | 0.94    | 0.93       | 0.97    | ppb   |
| Sodium     | 23-2  | 526.95  | 513.61  | 525.10  | 521.89     | 1.39    | ppb   |
| Strontium  | 86-1  | 0.93    | 1.05    | 0.99    | 0.99       | 6.00    | ppb   |
| Strontium  | 88-1  | 1.03    | 1.04    | 1.04    | 1.04       | 0.48    | ppb   |
| Sulfur     | 34-1  | -466.49 | -257.15 | -163.55 | -295.73    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 105        |         | %     |
| Terbium    | 159-2 |         |         |         | 105        |         | %     |
| Thallium   | 203-1 | 0.83    | 0.86    | 0.87    | 0.85       | 2.57    | ppb   |
| Thallium   | 205-1 | 0.85    | 0.90    | 0.88    | 0.88       | 2.65    | ppb   |
| Tin        | 118-1 | 0.11    | 0.07    | 0.12    | 0.10       | 28.47   | ppb   |
| Titanium   | 47-1  | 4.21    | 4.48    | 4.58    | 4.43       | 4.33    | ppb   |

LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

PB164277BSD

Instrumnet Name :

P7

Client Sample ID :

LCSD277

Dilution Factor :

1

Date & Time Acquired :

2024-10-30 13:26:30

DataFile Name :

021LLCC.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Uranium   | 238-1 | 0.80    | 0.81    | 0.80    | 0.80       | 0.90    | ppb   |
| Vanadium  | 51-2  | 4.86    | 4.86    | 4.88    | 4.87       | 0.24    | ppb   |
| Yttrium   | 89-1  |         |         |         | 99         |         | %     |
| Yttrium   | 89-2  |         |         |         | 102        |         | %     |
| Zinc      | 66-2  | 5.18    | 5.49    | 4.89    | 5.19       | 5.83    | ppb   |
| Zirconium | 90-1  | 0.97    | 0.96    | 0.97    | 0.97       | 0.62    | ppb   |
| Zirconium | 91-1  | 0.91    | 0.92    | 0.94    | 0.92       | 1.66    | ppb   |



LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : P4331-04DLX4 Instrumnet Name : P7  
Client Sample ID : MYDBB7 Dilution Factor : 4  
Date & Time Acquired : 2024-10-30 13:29:47 DataFile Name : 022SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 16632.38 | 16386.67 | 16260.35 | 16426.47   | 1.15    | ppb   |
| Antimony   | 121-1 | 0.98     | 1.03     | 1.00     | 1.00       | 2.43    | ppb   |
| Arsenic    | 75-2  | 33.53    | 33.38    | 33.37    | 33.43      | 0.28    | ppb   |
| Barium     | 135-1 | 523.96   | 524.73   | 529.35   | 526.01     | 0.55    | ppb   |
| Barium     | 137-1 | 519.53   | 523.23   | 526.24   | 523.00     | 0.64    | ppb   |
| Beryllium  | 9-1   | 0.91     | 0.77     | 0.88     | 0.86       | 8.72    | ppb   |
| Bismuth    | 209-1 |          |          |          | 109        |         | %     |
| Bismuth    | 209-2 |          |          |          | 109        |         | %     |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Bromine    | 81-2  |          |          |          |            |         | cps   |
| Cadmium    | 108-1 | 4.10     | 4.11     | 3.66     | 3.96       | 6.49    | ppb   |
| Cadmium    | 106-1 | 4.43     | 3.68     | 3.58     | 3.90       | 11.94   | ppb   |
| Cadmium    | 111-1 | 3.58     | 3.51     | 3.52     | 3.54       | 1.17    | ppb   |
| Calcium    | 43-1  | 6985.35  | 7080.87  | 7152.85  | 7073.02    | 1.19    | ppb   |
| Calcium    | 44-1  | 6676.06  | 6727.58  | 6751.84  | 6718.49    | 0.58    | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Carbon     | 12-2  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-2  |          |          |          |            |         | cps   |
| Chromium   | 52-2  | 38.87    | 38.72    | 38.13    | 38.57      | 1.01    | ppb   |
| Cobalt     | 59-2  | 18.69    | 18.74    | 18.57    | 18.67      | 0.47    | ppb   |
| Copper     | 63-2  | 432.02   | 433.43   | 428.47   | 431.31     | 0.59    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 102        |         | %     |
| Holmium    | 165-2 |          |          |          | 105        |         | %     |
| Indium     | 115-1 |          |          |          | 101        |         | %     |
| Indium     | 115-2 |          |          |          | 100        |         | %     |
| Iron       | 56-2  | 24359.24 | 24426.75 | 23966.35 | 24250.78   | 1.03    | ppb   |
| Iron       | 57-2  | 23906.52 | 23815.33 | 23446.07 | 23722.64   | 1.03    | ppb   |
| Iron       | 54-2  | 24541.85 | 24315.06 | 24304.19 | 24387.03   | 0.55    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : P4331-04DLX4 Instrumnet Name : P7  
Client Sample ID : MYDBB7 Dilution Factor : 4  
Date & Time Acquired : 2024-10-30 13:29:47 DataFile Name : 022SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Lead       | 206-1 | 77.14   | 78.09   | 79.12   | 78.11      | 1.27    | ppb   |
| Lead       | 207-1 | 77.73   | 77.46   | 78.88   | 78.03      | 0.97    | ppb   |
| Lead       | 208-1 | 76.58   | 77.13   | 78.37   | 77.36      | 1.18    | ppb   |
| Lithium    | 6-1   |         |         |         | 106        |         | %     |
| Magnesium  | 24-2  | 5827.12 | 5629.95 | 5701.89 | 5719.65    | 1.74    | ppb   |
| Manganese  | 55-2  | 4542.51 | 4584.53 | 4505.70 | 4544.25    | 0.87    | ppb   |
| Molybdenum | 94-1  | 12.32   | 12.15   | 12.15   | 12.21      | 0.84    | ppb   |
| Molybdenum | 95-1  | 0.52    | 0.52    | 0.50    | 0.51       | 2.55    | ppb   |
| Molybdenum | 96-1  | 1.76    | 1.82    | 1.79    | 1.79       | 1.52    | ppb   |
| Molybdenum | 97-1  | 0.42    | 0.46    | 0.48    | 0.45       | 6.66    | ppb   |
| Molybdenum | 98-1  | 0.43    | 0.43    | 0.42    | 0.42       | 1.42    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 58.24   | 56.67   | 57.28   | 57.39      | 1.38    | ppb   |
| Phosphorus | 31-2  | 1464.69 | 1464.62 | 1468.98 | 1466.09    | 0.17    | ppb   |
| Potassium  | 39-2  | 3091.89 | 3082.85 | 3066.15 | 3080.30    | 0.42    | ppb   |
| Rhodium    | 103-1 |         |         |         | 99         |         | %     |
| Rhodium    | 103-2 |         |         |         | 99         |         | %     |
| Scandium   | 45-1  |         |         |         | 99         |         | %     |
| Scandium   | 45-2  |         |         |         | 101        |         | %     |
| Selenium   | 82-1  | 0.73    | 0.71    | 1.95    | 1.13       | 62.96   | ppb   |
| Selenium   | 77-2  | 7.11    | 7.75    | 7.60    | 7.49       | 4.44    | ppb   |
| Selenium   | 78-2  | 0.01    | 0.96    | 0.97    | 0.65       | 85.66   | ppb   |
| Silicon    | 28-1  | 730.03  | 731.99  | 745.84  | 735.95     | 1.17    | ppb   |
| Silver     | 107-1 | 1.14    | 1.11    | 1.08    | 1.11       | 3.01    | ppb   |
| Silver     | 109-1 | 1.09    | 1.14    | 1.12    | 1.12       | 2.37    | ppb   |
| Sodium     | 23-2  | 148.44  | 147.20  | 142.74  | 146.13     | 2.05    | ppb   |
| Strontium  | 86-1  | 81.43   | 81.31   | 81.46   | 81.40      | 0.10    | ppb   |
| Strontium  | 88-1  | 81.67   | 82.17   | 82.44   | 82.09      | 0.48    | ppb   |
| Sulfur     | 34-1  | -180.04 | -476.50 | -452.57 | -369.70    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 103        |         | %     |
| Terbium    | 159-2 |         |         |         | 104        |         | %     |
| Thallium   | 203-1 | 0.26    | 0.27    | 0.26    | 0.27       | 2.88    | ppb   |
| Thallium   | 205-1 | 0.26    | 0.27    | 0.28    | 0.27       | 3.32    | ppb   |
| Tin        | 118-1 | 2.54    | 2.52    | 2.57    | 2.54       | 0.93    | ppb   |
| Titanium   | 47-1  | 494.21  | 493.79  | 505.86  | 497.96     | 1.38    | ppb   |

LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

P4331-04DLX4

Instrumnet Name :

P7

Client Sample ID :

MYDBB7

Dilution Factor :

4

Date & Time Acquired :

2024-10-30 13:29:47

DataFile Name :

022SMPL.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Uranium   | 238-1 | 0.52    | 0.55    | 0.55    | 0.54       | 2.94    | ppb   |
| Vanadium  | 51-2  | 42.38   | 41.95   | 41.34   | 41.89      | 1.24    | ppb   |
| Yttrium   | 89-1  |         |         |         | 101        |         | %     |
| Yttrium   | 89-2  |         |         |         | 103        |         | %     |
| Zinc      | 66-2  | 276.75  | 277.97  | 272.92  | 275.88     | 0.96    | ppb   |
| Zirconium | 90-1  | 7.05    | 7.25    | 7.15    | 7.15       | 1.39    | ppb   |
| Zirconium | 91-1  | 6.93    | 7.19    | 7.19    | 7.11       | 2.10    | ppb   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : P4331-05DLX4 Instrumnet Name : P7  
Client Sample ID : MYDBB7D Dilution Factor : 4  
Date & Time Acquired : 2024-10-30 13:33:05 DataFile Name : 023SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 16481.84 | 16611.63 | 16422.63 | 16505.37   | 0.59    | ppb   |
| Antimony   | 121-1 | 1.00     | 1.00     | 0.98     | 0.99       | 1.24    | ppb   |
| Arsenic    | 75-2  | 32.66    | 34.16    | 34.08    | 33.63      | 2.52    | ppb   |
| Barium     | 135-1 | 484.31   | 488.01   | 496.97   | 489.76     | 1.33    | ppb   |
| Barium     | 137-1 | 479.30   | 488.11   | 492.43   | 486.61     | 1.38    | ppb   |
| Beryllium  | 9-1   | 0.89     | 0.91     | 0.83     | 0.88       | 5.17    | ppb   |
| Bismuth    | 209-1 |          |          |          | 109        |         | %     |
| Bismuth    | 209-2 |          |          |          | 107        |         | %     |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Bromine    | 81-2  |          |          |          |            |         | cps   |
| Cadmium    | 108-1 | 3.74     | 3.56     | 4.19     | 3.83       | 8.47    | ppb   |
| Cadmium    | 106-1 | 3.65     | 3.37     | 3.58     | 3.53       | 4.11    | ppb   |
| Cadmium    | 111-1 | 3.53     | 3.42     | 3.75     | 3.57       | 4.74    | ppb   |
| Calcium    | 43-1  | 6869.19  | 7008.74  | 7060.65  | 6979.52    | 1.42    | ppb   |
| Calcium    | 44-1  | 6713.28  | 6676.82  | 6805.96  | 6732.02    | 0.99    | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Carbon     | 12-2  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-2  |          |          |          |            |         | cps   |
| Chromium   | 52-2  | 37.97    | 38.63    | 38.71    | 38.44      | 1.05    | ppb   |
| Cobalt     | 59-2  | 18.10    | 18.43    | 17.97    | 18.17      | 1.28    | ppb   |
| Copper     | 63-2  | 427.00   | 432.11   | 427.83   | 428.98     | 0.64    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 103        |         | %     |
| Holmium    | 165-2 |          |          |          | 104        |         | %     |
| Indium     | 115-1 |          |          |          | 100        |         | %     |
| Indium     | 115-2 |          |          |          | 100        |         | %     |
| Iron       | 56-2  | 24292.60 | 24559.38 | 24471.29 | 24441.09   | 0.56    | ppb   |
| Iron       | 57-2  | 23852.59 | 23887.54 | 23298.59 | 23679.57   | 1.40    | ppb   |
| Iron       | 54-2  | 24176.13 | 24399.44 | 24454.16 | 24343.24   | 0.61    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |

|                        |                     |                   |           |
|------------------------|---------------------|-------------------|-----------|
| LB Number :            | LB133210            | Operator :        | Jaswal    |
| Lab Sample ID :        | P4331-05DLX4        | Instrumnet Name : | P7        |
| Client Sample ID :     | MYDBB7D             | Dilution Factor : | 4         |
| Date & Time Acquired : | 2024-10-30 13:33:05 | DataFile Name :   | 023SMPL.d |

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Lead       | 206-1 | 76.34   | 79.64   | 77.65   | 77.88      | 2.14    | ppb   |
| Lead       | 207-1 | 77.26   | 79.99   | 77.86   | 78.37      | 1.83    | ppb   |
| Lead       | 208-1 | 76.29   | 79.23   | 77.46   | 77.66      | 1.90    | ppb   |
| Lithium    | 6-1   |         |         |         | 106        |         | %     |
| Magnesium  | 24-2  | 5536.11 | 5673.33 | 5657.16 | 5622.20    | 1.33    | ppb   |
| Manganese  | 55-2  | 4048.95 | 4060.34 | 4071.30 | 4060.20    | 0.28    | ppb   |
| Molybdenum | 94-1  | 12.03   | 12.30   | 12.12   | 12.15      | 1.10    | ppb   |
| Molybdenum | 95-1  | 0.46    | 0.52    | 0.52    | 0.50       | 6.62    | ppb   |
| Molybdenum | 96-1  | 1.73    | 1.85    | 1.85    | 1.81       | 3.92    | ppb   |
| Molybdenum | 97-1  | 0.48    | 0.39    | 0.45    | 0.44       | 10.27   | ppb   |
| Molybdenum | 98-1  | 0.43    | 0.42    | 0.44    | 0.43       | 2.89    | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 57.23   | 57.46   | 57.45   | 57.38      | 0.23    | ppb   |
| Phosphorus | 31-2  | 1411.75 | 1399.36 | 1408.46 | 1406.52    | 0.46    | ppb   |
| Potassium  | 39-2  | 3070.46 | 3095.79 | 3103.85 | 3090.03    | 0.56    | ppb   |
| Rhodium    | 103-1 |         |         |         | 98         |         | %     |
| Rhodium    | 103-2 |         |         |         | 99         |         | %     |
| Scandium   | 45-1  |         |         |         | 100        |         | %     |
| Scandium   | 45-2  |         |         |         | 100        |         | %     |
| Selenium   | 82-1  | 0.74    | 0.53    | 1.49    | 0.92       | 55.07   | ppb   |
| Selenium   | 77-2  | 5.39    | 9.36    | 6.48    | 7.07       | 28.96   | ppb   |
| Selenium   | 78-2  | 3.07    | 2.42    | 0.36    | 1.95       | 72.34   | ppb   |
| Silicon    | 28-1  | 727.38  | 745.61  | 734.83  | 735.94     | 1.25    | ppb   |
| Silver     | 107-1 | 1.08    | 1.08    | 1.08    | 1.08       | 0.12    | ppb   |
| Silver     | 109-1 | 1.05    | 1.05    | 1.05    | 1.05       | 0.22    | ppb   |
| Sodium     | 23-2  | 141.70  | 143.59  | 145.35  | 143.55     | 1.27    | ppb   |
| Strontium  | 86-1  | 78.74   | 78.00   | 79.56   | 78.77      | 0.99    | ppb   |
| Strontium  | 88-1  | 79.11   | 78.47   | 80.23   | 79.27      | 1.12    | ppb   |
| Sulfur     | 34-1  | -730.01 | -746.12 | -838.62 | -771.58    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 103        |         | %     |
| Terbium    | 159-2 |         |         |         | 104        |         | %     |
| Thallium   | 203-1 | 0.25    | 0.25    | 0.22    | 0.24       | 8.37    | ppb   |
| Thallium   | 205-1 | 0.24    | 0.25    | 0.24    | 0.24       | 2.52    | ppb   |
| Tin        | 118-1 | 2.53    | 2.55    | 2.51    | 2.53       | 0.84    | ppb   |
| Titanium   | 47-1  | 492.94  | 501.31  | 504.66  | 499.63     | 1.21    | ppb   |

LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

P4331-05DLX4

Instrumnet Name :

P7

Client Sample ID :

MYDBB7D

Dilution Factor :

4

Date & Time Acquired :

2024-10-30 13:33:05

DataFile Name :

023SMPL.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Uranium   | 238-1 | 0.52    | 0.56    | 0.53    | 0.54       | 4.13    | ppb   |
| Vanadium  | 51-2  | 41.91   | 41.79   | 42.23   | 41.98      | 0.54    | ppb   |
| Yttrium   | 89-1  |         |         |         | 101        |         | %     |
| Yttrium   | 89-2  |         |         |         | 102        |         | %     |
| Zinc      | 66-2  | 276.54  | 274.86  | 277.93  | 276.44     | 0.56    | ppb   |
| Zirconium | 90-1  | 6.96    | 7.00    | 7.27    | 7.08       | 2.39    | ppb   |
| Zirconium | 91-1  | 7.26    | 6.94    | 7.41    | 7.20       | 3.36    | ppb   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : P4331-04LDLX20 Instrumnet Name : P7  
Client Sample ID : MYDBB7L Dilution Factor : 20  
Date & Time Acquired : 2024-10-30 13:36:14 DataFile Name : 024SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 3363.47 | 3395.18 | 3408.31 | 3388.99    | 0.68    | ppb   |
| Antimony   | 121-1 | 0.19    | 0.21    | 0.21    | 0.21       | 4.94    | ppb   |
| Arsenic    | 75-2  | 6.69    | 6.95    | 7.13    | 6.92       | 3.18    | ppb   |
| Barium     | 135-1 | 103.95  | 105.10  | 105.91  | 104.99     | 0.94    | ppb   |
| Barium     | 137-1 | 101.88  | 104.39  | 105.46  | 103.91     | 1.77    | ppb   |
| Beryllium  | 9-1   | 0.20    | 0.16    | 0.20    | 0.19       | 10.96   | ppb   |
| Bismuth    | 209-1 |         |         |         | 107        |         | %     |
| Bismuth    | 209-2 |         |         |         | 106        |         | %     |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Bromine    | 81-2  |         |         |         |            |         | cps   |
| Cadmium    | 108-1 | 0.65    | 0.77    | 0.63    | 0.68       | 11.13   | ppb   |
| Cadmium    | 106-1 | -0.37   | -0.48   | -0.75   | -0.53      |         | ppb   |
| Cadmium    | 111-1 | 0.71    | 0.56    | 0.61    | 0.63       | 12.26   | ppb   |
| Calcium    | 43-1  | 1428.62 | 1470.21 | 1470.94 | 1456.59    | 1.66    | ppb   |
| Calcium    | 44-1  | 1388.13 | 1440.73 | 1465.61 | 1431.49    | 2.76    | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 7.96    | 7.83    | 7.84    | 7.87       | 0.91    | ppb   |
| Cobalt     | 59-2  | 3.84    | 3.96    | 3.90    | 3.90       | 1.52    | ppb   |
| Copper     | 63-2  | 88.68   | 88.73   | 88.22   | 88.54      | 0.32    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 101        |         | %     |
| Holmium    | 165-2 |         |         |         | 104        |         | %     |
| Indium     | 115-1 |         |         |         | 99         |         | %     |
| Indium     | 115-2 |         |         |         | 98         |         | %     |
| Iron       | 56-2  | 4924.73 | 4985.46 | 4941.46 | 4950.55    | 0.63    | ppb   |
| Iron       | 57-2  | 5029.03 | 5076.32 | 5008.78 | 5038.05    | 0.69    | ppb   |
| Iron       | 54-2  | 5105.86 | 5107.21 | 5092.87 | 5101.98    | 0.16    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : P4331-04LDLX20 Instrumnet Name : P7  
Client Sample ID : MYDBB7L Dilution Factor : 20  
Date & Time Acquired : 2024-10-30 13:36:14 DataFile Name : 024SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Lead       | 206-1 | 15.67    | 15.52    | 15.84    | 15.68      | 1.04    | ppb   |
| Lead       | 207-1 | 15.71    | 15.87    | 15.94    | 15.84      | 0.73    | ppb   |
| Lead       | 208-1 | 15.75    | 15.59    | 15.78    | 15.71      | 0.66    | ppb   |
| Lithium    | 6-1   |          |          |          | 106        |         | %     |
| Magnesium  | 24-2  | 1183.43  | 1199.93  | 1185.20  | 1189.52    | 0.76    | ppb   |
| Manganese  | 55-2  | 924.00   | 934.71   | 910.48   | 923.06     | 1.32    | ppb   |
| Molybdenum | 94-1  | 2.59     | 2.68     | 2.64     | 2.64       | 1.69    | ppb   |
| Molybdenum | 95-1  | 0.14     | 0.14     | 0.13     | 0.13       | 5.18    | ppb   |
| Molybdenum | 96-1  | 0.42     | 0.41     | 0.42     | 0.42       | 2.18    | ppb   |
| Molybdenum | 97-1  | 0.13     | 0.15     | 0.13     | 0.14       | 7.90    | ppb   |
| Molybdenum | 98-1  | 0.12     | 0.12     | 0.10     | 0.12       | 10.48   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 12.30    | 11.58    | 11.70    | 11.86      | 3.27    | ppb   |
| Phosphorus | 31-2  | 296.47   | 284.43   | 288.95   | 289.95     | 2.10    | ppb   |
| Potassium  | 39-2  | 625.20   | 631.55   | 629.47   | 628.74     | 0.52    | ppb   |
| Rhodium    | 103-1 |          |          |          | 99         |         | %     |
| Rhodium    | 103-2 |          |          |          | 98         |         | %     |
| Scandium   | 45-1  |          |          |          | 97         |         | %     |
| Scandium   | 45-2  |          |          |          | 96         |         | %     |
| Selenium   | 82-1  | -0.16    | 0.63     | 0.27     | 0.25       | 158.45  | ppb   |
| Selenium   | 77-2  | 1.84     | 0.73     | 0.74     | 1.10       | 58.00   | ppb   |
| Selenium   | 78-2  | -0.13    | -1.87    | -0.90    | -0.97      |         | ppb   |
| Silicon    | 28-1  | 150.45   | 152.72   | 154.99   | 152.72     | 1.49    | ppb   |
| Silver     | 107-1 | 0.23     | 0.23     | 0.24     | 0.23       | 3.50    | ppb   |
| Silver     | 109-1 | 0.20     | 0.23     | 0.22     | 0.22       | 7.58    | ppb   |
| Sodium     | 23-2  | 42.93    | 44.35    | 45.62    | 44.30      | 3.04    | ppb   |
| Strontium  | 86-1  | 16.45    | 16.69    | 17.15    | 16.76      | 2.12    | ppb   |
| Strontium  | 88-1  | 16.66    | 16.91    | 17.17    | 16.91      | 1.51    | ppb   |
| Sulfur     | 34-1  | -1357.76 | -1275.31 | -1137.06 | -1256.71   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 102        |         | %     |
| Terbium    | 159-2 |          |          |          | 102        |         | %     |
| Thallium   | 203-1 | 0.06     | 0.07     | 0.07     | 0.07       | 6.50    | ppb   |
| Thallium   | 205-1 | 0.06     | 0.06     | 0.06     | 0.06       | 2.15    | ppb   |
| Tin        | 118-1 | 0.51     | 0.53     | 0.51     | 0.52       | 2.56    | ppb   |
| Titanium   | 47-1  | 98.45    | 101.20   | 102.91   | 100.86     | 2.23    | ppb   |



LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

P4331-04LDLX20

Instrumnet Name :

P7

Client Sample ID :

MYDBB7L

Dilution Factor :

20

Date & Time Acquired :

2024-10-30 13:36:14

DataFile Name :

024SMPL.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Uranium   | 238-1 | 0.11    | 0.12    | 0.12    | 0.11       | 5.34    | ppb   |
| Vanadium  | 51-2  | 8.54    | 8.61    | 8.83    | 8.66       | 1.75    | ppb   |
| Yttrium   | 89-1  |         |         |         | 97         |         | %     |
| Yttrium   | 89-2  |         |         |         | 100        |         | %     |
| Zinc      | 66-2  | 56.58   | 57.32   | 56.29   | 56.73      | 0.94    | ppb   |
| Zirconium | 90-1  | 1.36    | 1.52    | 1.46    | 1.45       | 5.53    | ppb   |
| Zirconium | 91-1  | 1.42    | 1.45    | 1.48    | 1.45       | 2.10    | ppb   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : P4331-06REDLX4 Instrumnet Name : P7  
Client Sample ID : MYDBB7S Dilution Factor : 4  
Date & Time Acquired : 2024-10-30 13:39:32 DataFile Name : 025SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 5.82    | 5.93    | 5.94    | 5.90       | 1.10    | ppb   |
| Antimony   | 121-1 | 0.01    | 0.01    | 0.01    | 0.01       | 34.46   | ppb   |
| Arsenic    | 75-2  | 0.02    | 0.01    | 0.01    | 0.01       | 52.17   | ppb   |
| Barium     | 135-1 | 0.17    | 0.16    | 0.15    | 0.16       | 4.45    | ppb   |
| Barium     | 137-1 | 0.17    | 0.18    | 0.16    | 0.17       | 8.34    | ppb   |
| Beryllium  | 9-1   | 0.00    | 0.00    | 0.00    | 0.00       | 283.28  | ppb   |
| Bismuth    | 209-1 |         |         |         | 105        |         | %     |
| Bismuth    | 209-2 |         |         |         | 105        |         | %     |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Bromine    | 81-2  |         |         |         |            |         | cps   |
| Cadmium    | 108-1 | -0.03   | 0.05    | -0.03   | 0.00       |         | ppb   |
| Cadmium    | 106-1 | -0.75   | -0.77   | -0.72   | -0.74      |         | ppb   |
| Cadmium    | 111-1 | -0.05   | -0.05   | -0.04   | -0.05      |         | ppb   |
| Calcium    | 43-1  | 5.96    | 6.00    | 3.24    | 5.07       | 31.18   | ppb   |
| Calcium    | 44-1  | -3.10   | -5.27   | -4.60   | -4.32      |         | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 0.01    | 0.03    | 0.01    | 0.01       | 69.93   | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.01    | 0.01    | 0.01       | 69.47   | ppb   |
| Copper     | 63-2  | 0.34    | 0.27    | 0.30    | 0.30       | 11.71   | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 101        |         | %     |
| Holmium    | 165-2 |         |         |         | 102        |         | %     |
| Indium     | 115-1 |         |         |         | 99         |         | %     |
| Indium     | 115-2 |         |         |         | 99         |         | %     |
| Iron       | 56-2  | 8.28    | 8.07    | 8.28    | 8.21       | 1.50    | ppb   |
| Iron       | 57-2  | 8.31    | 1.95    | 5.23    | 5.16       | 61.54   | ppb   |
| Iron       | 54-2  | 7.37    | 8.15    | 7.50    | 7.67       | 5.44    | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : P4331-06REDLX4 Instrumnet Name : P7  
Client Sample ID : MYDBB7S Dilution Factor : 4  
Date & Time Acquired : 2024-10-30 13:39:32 DataFile Name : 025SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Lead       | 206-1 | 0.12     | 0.10     | 0.09     | 0.10       | 13.66   | ppb   |
| Lead       | 207-1 | 0.06     | 0.10     | 0.09     | 0.08       | 21.00   | ppb   |
| Lead       | 208-1 | 0.09     | 0.09     | 0.08     | 0.09       | 7.19    | ppb   |
| Lithium    | 6-1   |          |          |          | 103        |         | %     |
| Magnesium  | 24-2  | 4.39     | 3.81     | 3.82     | 4.01       | 8.22    | ppb   |
| Manganese  | 55-2  | 1.39     | 1.39     | 1.36     | 1.38       | 1.48    | ppb   |
| Molybdenum | 94-1  | 0.07     | 0.05     | 0.04     | 0.05       | 24.91   | ppb   |
| Molybdenum | 95-1  | 0.06     | 0.05     | 0.05     | 0.05       | 5.84    | ppb   |
| Molybdenum | 96-1  | 0.05     | 0.05     | 0.04     | 0.05       | 15.31   | ppb   |
| Molybdenum | 97-1  | 0.03     | 0.05     | 0.05     | 0.05       | 25.07   | ppb   |
| Molybdenum | 98-1  | 0.04     | 0.04     | 0.05     | 0.04       | 10.99   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.08     | 0.05     | 0.00     | 0.04       | 96.44   | ppb   |
| Phosphorus | 31-2  | -17.50   | -15.68   | -19.58   | -17.58     |         | ppb   |
| Potassium  | 39-2  | -0.19    | 1.90     | 1.64     | 1.12       | 102.05  | ppb   |
| Rhodium    | 103-1 |          |          |          | 98         |         | %     |
| Rhodium    | 103-2 |          |          |          | 98         |         | %     |
| Scandium   | 45-1  |          |          |          | 96         |         | %     |
| Scandium   | 45-2  |          |          |          | 95         |         | %     |
| Selenium   | 82-1  | 0.08     | -0.14    | 0.37     | 0.11       | 242.29  | ppb   |
| Selenium   | 77-2  | -0.37    | 0.01     | -0.37    | -0.24      |         | ppb   |
| Selenium   | 78-2  | 0.66     | -0.14    | -1.24    | -0.24      |         | ppb   |
| Silicon    | 28-1  | -1.48    | -1.38    | -1.16    | -1.34      |         | ppb   |
| Silver     | 107-1 | 0.01     | 0.01     | 0.01     | 0.01       | 23.62   | ppb   |
| Silver     | 109-1 | 0.01     | 0.01     | 0.00     | 0.01       | 34.09   | ppb   |
| Sodium     | 23-2  | 18.65    | 18.27    | 14.05    | 16.99      | 15.04   | ppb   |
| Strontium  | 86-1  | 0.12     | 0.12     | 0.12     | 0.12       | 1.15    | ppb   |
| Strontium  | 88-1  | 0.12     | 0.12     | 0.11     | 0.12       | 2.60    | ppb   |
| Sulfur     | 34-1  | -1190.30 | -1298.86 | -1131.78 | -1206.98   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 101        |         | %     |
| Terbium    | 159-2 |          |          |          | 101        |         | %     |
| Thallium   | 203-1 | 0.02     | 0.02     | 0.02     | 0.02       | 7.20    | ppb   |
| Thallium   | 205-1 | 0.01     | 0.02     | 0.01     | 0.01       | 23.87   | ppb   |
| Tin        | 118-1 | 0.00     | -0.02    | 0.00     | -0.01      |         | ppb   |
| Titanium   | 47-1  | 0.13     | 0.16     | 0.22     | 0.17       | 27.04   | ppb   |

LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

P4331-06REDLX4

Instrumnet Name :

P7

Client Sample ID :

MYDBB7S

Dilution Factor :

4

Date & Time Acquired :

2024-10-30 13:39:32

DataFile Name :

025SMPL.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Uranium   | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 9.35    | ppb   |
| Vanadium  | 51-2  | 0.03    | 0.03    | 0.01    | 0.02       | 49.50   | ppb   |
| Yttrium   | 89-1  |         |         |         | 96         |         | %     |
| Yttrium   | 89-2  |         |         |         | 98         |         | %     |
| Zinc      | 66-2  | 0.21    | 0.37    | 0.20    | 0.26       | 35.50   | ppb   |
| Zirconium | 90-1  | 0.01    | 0.01    | 0.02    | 0.02       | 22.18   | ppb   |
| Zirconium | 91-1  | 0.02    | 0.01    | 0.02    | 0.02       | 18.16   | ppb   |

LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

P4331-04REMSDLX4

Instrumnet Name :

P7

Client Sample ID :

MYDBB7SRE

Dilution Factor :

4

Date & Time Acquired :

2024-10-30 13:42:49

DataFile Name :

026SMPL.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 3.82    | 3.28    | 2.88    | 3.33       | 14.05   | ppb   |
| Antimony   | 121-1 | 0.01    | 0.01    | 0.01    | 0.01       | 24.52   | ppb   |
| Arsenic    | 75-2  | 0.02    | 0.00    | -0.01   | 0.00       | 7683.26 | ppb   |
| Barium     | 135-1 | 0.05    | 0.06    | 0.04    | 0.05       | 19.43   | ppb   |
| Barium     | 137-1 | 0.08    | 0.05    | 0.07    | 0.07       | 17.23   | ppb   |
| Beryllium  | 9-1   | 0.01    | 0.00    | 0.01    | 0.01       | 52.70   | ppb   |
| Bismuth    | 209-1 |         |         |         | 107        |         | %     |
| Bismuth    | 209-2 |         |         |         | 105        |         | %     |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Bromine    | 81-2  |         |         |         |            |         | cps   |
| Cadmium    | 108-1 | -0.10   | -0.03   | -0.14   | -0.09      |         | ppb   |
| Cadmium    | 106-1 | -1.29   | -0.46   | -0.13   | -0.63      |         | ppb   |
| Cadmium    | 111-1 | -0.09   | -0.02   | 0.01    | -0.03      |         | ppb   |
| Calcium    | 43-1  | 6.26    | 0.48    | 4.67    | 3.80       | 78.55   | ppb   |
| Calcium    | 44-1  | -5.77   | -6.28   | -5.77   | -5.94      |         | 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       | 76.15   | ppb   |
| Cobalt     | 59-2  | 0.00    | 0.01    | 0.00    | 0.00       | 150.86  | ppb   |
| Copper     | 63-2  | 0.16    | 0.15    | 0.14    | 0.15       | 6.11    | ppb   |
| Dysprosium | 156-1 |         |         |         |            |         | cps   |
| Dysprosium | 156-2 |         |         |         |            |         | cps   |
| Erbium     | 164-1 |         |         |         |            |         | cps   |
| Erbium     | 164-2 |         |         |         |            |         | cps   |
| Gadolinium | 160-1 |         |         |         |            |         | cps   |
| Gadolinium | 160-2 |         |         |         |            |         | cps   |
| Holmium    | 165-1 |         |         |         | 101        |         | %     |
| Holmium    | 165-2 |         |         |         | 102        |         | %     |
| Indium     | 115-1 |         |         |         | 98         |         | %     |
| Indium     | 115-2 |         |         |         | 99         |         | %     |
| Iron       | 56-2  | 3.30    | 3.64    | 3.39    | 3.44       | 5.09    | ppb   |
| Iron       | 57-2  | 0.52    | 1.54    | 0.95    | 1.00       | 51.14   | ppb   |
| Iron       | 54-2  | 4.48    | 2.84    | 2.40    | 3.24       | 33.89   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : P4331-04REMSDLX4 Instrumnet Name : P7  
Client Sample ID : MYDBB7SRE Dilution Factor : 4  
Date & Time Acquired : 2024-10-30 13:42:49 DataFile Name : 026SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Lead       | 206-1 | 0.07     | 0.05     | 0.08     | 0.06       | 22.19   | ppb   |
| Lead       | 207-1 | 0.05     | 0.07     | 0.06     | 0.06       | 10.93   | ppb   |
| Lead       | 208-1 | 0.06     | 0.06     | 0.06     | 0.06       | 2.73    | ppb   |
| Lithium    | 6-1   |          |          |          | 104        |         | %     |
| Magnesium  | 24-2  | 2.89     | 2.54     | 3.07     | 2.83       | 9.55    | ppb   |
| Manganese  | 55-2  | 0.46     | 0.38     | 0.38     | 0.41       | 10.80   | ppb   |
| Molybdenum | 94-1  | 0.05     | 0.06     | 0.05     | 0.05       | 8.11    | ppb   |
| Molybdenum | 95-1  | 0.04     | 0.06     | 0.05     | 0.05       | 21.34   | ppb   |
| Molybdenum | 96-1  | 0.05     | 0.04     | 0.05     | 0.05       | 8.31    | ppb   |
| Molybdenum | 97-1  | 0.05     | 0.06     | 0.04     | 0.05       | 25.03   | ppb   |
| Molybdenum | 98-1  | 0.05     | 0.04     | 0.04     | 0.04       | 15.34   | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 0.03     | 0.04     | 0.00     | 0.02       | 89.17   | ppb   |
| Phosphorus | 31-2  | -16.19   | -21.84   | -16.30   | -18.11     |         | ppb   |
| Potassium  | 39-2  | -3.65    | -0.73    | -4.54    | -2.97      |         | ppb   |
| Rhodium    | 103-1 |          |          |          | 98         |         | %     |
| Rhodium    | 103-2 |          |          |          | 98         |         | %     |
| Scandium   | 45-1  |          |          |          | 97         |         | %     |
| Scandium   | 45-2  |          |          |          | 95         |         | %     |
| Selenium   | 82-1  | -0.55    | -0.72    | -0.15    | -0.47      |         | ppb   |
| Selenium   | 77-2  | -0.37    | -0.37    | -0.37    | -0.37      |         | ppb   |
| Selenium   | 78-2  | 0.00     | -3.14    | -2.29    | -1.81      |         | ppb   |
| Silicon    | 28-1  | -2.36    | -1.85    | -2.06    | -2.09      |         | ppb   |
| Silver     | 107-1 | 0.01     | 0.01     | 0.01     | 0.01       | 8.92    | ppb   |
| Silver     | 109-1 | 0.01     | 0.01     | 0.01     | 0.01       | 8.03    | ppb   |
| Sodium     | 23-2  | 16.19    | 17.44    | 14.51    | 16.05      | 9.18    | ppb   |
| Strontium  | 86-1  | 0.09     | 0.10     | 0.09     | 0.09       | 4.43    | ppb   |
| Strontium  | 88-1  | 0.10     | 0.09     | 0.09     | 0.09       | 2.45    | ppb   |
| Sulfur     | 34-1  | -1220.30 | -1101.41 | -1249.16 | -1190.29   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 101        |         | %     |
| Terbium    | 159-2 |          |          |          | 102        |         | %     |
| Thallium   | 203-1 | 0.02     | 0.02     | 0.02     | 0.02       | 10.89   | ppb   |
| Thallium   | 205-1 | 0.01     | 0.01     | 0.02     | 0.01       | 24.36   | ppb   |
| Tin        | 118-1 | 0.03     | 0.00     | 0.01     | 0.01       | 103.71  | ppb   |
| Titanium   | 47-1  | 0.08     | 0.06     | 0.11     | 0.08       | 30.56   | ppb   |

LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

P4331-04REMSDLX4

Instrumnet Name :

P7

Client Sample ID :

MYDBB7SRE

Dilution Factor :

4

Date & Time Acquired :

2024-10-30 13:42:49

DataFile Name :

026SMPL.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Uranium   | 238-1 | 0.00    | 0.00    | 0.00    | 0.00       | 11.58   | ppb   |
| Vanadium  | 51-2  | 0.01    | 0.01    | 0.01    | 0.01       | 23.71   | ppb   |
| Yttrium   | 89-1  |         |         |         | 96         |         | %     |
| Yttrium   | 89-2  |         |         |         | 99         |         | %     |
| Zinc      | 66-2  | 0.15    | 0.17    | 0.17    | 0.16       | 6.65    | ppb   |
| Zirconium | 90-1  | 0.01    | 0.01    | 0.00    | 0.01       | 76.87   | ppb   |
| Zirconium | 91-1  | 0.00    | 0.01    | -0.01   | 0.00       | 1565.62 | ppb   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : P4331-06DLX4 Instrumnet Name : P7  
Client Sample ID : MYDBB7S Dilution Factor : 4  
Date & Time Acquired : 2024-10-30 13:48:15 DataFile Name : 027SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 17584.21 | 17226.28 | 17151.25 | 17320.58   | 1.34    | ppb   |
| Antimony   | 121-1 | 18.58    | 18.90    | 19.63    | 19.04      | 2.82    | ppb   |
| Arsenic    | 75-2  | 41.40    | 41.51    | 40.85    | 41.25      | 0.85    | ppb   |
| Barium     | 135-1 | 842.01   | 850.86   | 878.00   | 856.96     | 2.19    | ppb   |
| Barium     | 137-1 | 917.12   | 929.38   | 937.41   | 927.97     | 1.10    | ppb   |
| Beryllium  | 9-1   | 10.01    | 10.35    | 10.43    | 10.26      | 2.17    | ppb   |
| Bismuth    | 209-1 |          |          |          | 110        |         | %     |
| Bismuth    | 209-2 |          |          |          | 107        |         | %     |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Bromine    | 81-2  |          |          |          |            |         | cps   |
| Cadmium    | 108-1 | 11.78    | 11.38    | 12.24    | 11.80      | 3.68    | ppb   |
| Cadmium    | 106-1 | 11.21    | 10.26    | 11.55    | 11.01      | 6.07    | ppb   |
| Cadmium    | 111-1 | 12.68    | 13.06    | 13.30    | 13.01      | 2.43    | ppb   |
| Calcium    | 43-1  | 6843.38  | 7212.23  | 7381.06  | 7145.56    | 3.85    | ppb   |
| Calcium    | 44-1  | 6611.97  | 6813.00  | 7081.90  | 6835.62    | 3.45    | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Carbon     | 12-2  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-2  |          |          |          |            |         | cps   |
| Chromium   | 52-2  | 76.35    | 75.55    | 75.56    | 75.82      | 0.60    | ppb   |
| Cobalt     | 59-2  | 106.90   | 106.61   | 107.60   | 107.04     | 0.48    | ppb   |
| Copper     | 63-2  | 490.24   | 490.01   | 489.92   | 490.06     | 0.03    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 104        |         | %     |
| Holmium    | 165-2 |          |          |          | 104        |         | %     |
| Indium     | 115-1 |          |          |          | 101        |         | %     |
| Indium     | 115-2 |          |          |          | 101        |         | %     |
| Iron       | 56-2  | 25338.82 | 25353.15 | 25383.18 | 25358.38   | 0.09    | ppb   |
| Iron       | 57-2  | 25117.49 | 25055.75 | 25108.00 | 25093.74   | 0.13    | ppb   |
| Iron       | 54-2  | 25780.36 | 25642.03 | 25186.01 | 25536.14   | 1.22    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |



LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : P4331-06DLX4 Instrumnet Name : P7  
Client Sample ID : MYDBB7S Dilution Factor : 4  
Date & Time Acquired : 2024-10-30 13:48:15 DataFile Name : 027SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Lead       | 206-1 | 81.99    | 83.64    | 83.97    | 83.20      | 1.28    | ppb   |
| Lead       | 207-1 | 82.49    | 85.01    | 83.61    | 83.70      | 1.51    | ppb   |
| Lead       | 208-1 | 82.10    | 83.61    | 83.67    | 83.12      | 1.07    | ppb   |
| Lithium    | 6-1   |          |          |          | 109        |         | %     |
| Magnesium  | 24-2  | 6020.46  | 5909.07  | 5790.07  | 5906.53    | 1.95    | ppb   |
| Manganese  | 55-2  | 4438.64  | 4431.01  | 4439.93  | 4436.53    | 0.11    | ppb   |
| Molybdenum | 94-1  | 11.53    | 11.92    | 11.89    | 11.78      | 1.82    | ppb   |
| Molybdenum | 95-1  | 0.55     | 0.58     | 0.53     | 0.55       | 4.47    | ppb   |
| Molybdenum | 96-1  | 1.81     | 1.84     | 1.77     | 1.81       | 2.09    | ppb   |
| Molybdenum | 97-1  | 0.51     | 0.50     | 0.47     | 0.50       | 4.14    | ppb   |
| Molybdenum | 98-1  | 0.44     | 0.46     | 0.49     | 0.46       | 5.33    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 149.88   | 149.42   | 151.29   | 150.20     | 0.65    | ppb   |
| Phosphorus | 31-2  | 1579.04  | 1543.83  | 1521.53  | 1548.13    | 1.87    | ppb   |
| Potassium  | 39-2  | 3175.70  | 3153.85  | 3162.48  | 3164.01    | 0.35    | ppb   |
| Rhodium    | 103-1 |          |          |          | 100        |         | %     |
| Rhodium    | 103-2 |          |          |          | 99         |         | %     |
| Scandium   | 45-1  |          |          |          | 102        |         | %     |
| Scandium   | 45-2  |          |          |          | 100        |         | %     |
| Selenium   | 82-1  | 19.58    | 18.34    | 18.97    | 18.96      | 3.25    | ppb   |
| Selenium   | 77-2  | 20.46    | 28.69    | 28.43    | 25.86      | 18.10   | ppb   |
| Selenium   | 78-2  | 18.97    | 22.21    | 23.18    | 21.45      | 10.27   | ppb   |
| Silicon    | 28-1  | 625.43   | 650.27   | 655.86   | 643.86     | 2.52    | ppb   |
| Silver     | 107-1 | 8.63     | 8.69     | 9.15     | 8.82       | 3.20    | ppb   |
| Silver     | 109-1 | 8.64     | 8.92     | 9.06     | 8.88       | 2.39    | ppb   |
| Sodium     | 23-2  | 137.05   | 136.10   | 136.08   | 136.41     | 0.41    | ppb   |
| Strontium  | 86-1  | 81.04    | 81.14    | 82.35    | 81.51      | 0.89    | ppb   |
| Strontium  | 88-1  | 81.60    | 82.46    | 82.92    | 82.33      | 0.82    | ppb   |
| Sulfur     | 34-1  | -1354.01 | -1332.38 | -1372.49 | -1352.96   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 104        |         | %     |
| Terbium    | 159-2 |          |          |          | 104        |         | %     |
| Thallium   | 203-1 | 7.73     | 7.93     | 8.02     | 7.89       | 1.90    | ppb   |
| Thallium   | 205-1 | 7.66     | 7.89     | 7.94     | 7.83       | 1.87    | ppb   |
| Tin        | 118-1 | 2.61     | 2.65     | 2.87     | 2.71       | 5.30    | ppb   |
| Titanium   | 47-1  | 477.31   | 495.52   | 504.82   | 492.55     | 2.84    | ppb   |

LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

P4331-06DLX4

Instrumnet Name :

P7

Client Sample ID :

MYDBB7S

Dilution Factor :

4

Date & Time Acquired :

2024-10-30 13:48:15

DataFile Name :

027SMPL.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Uranium   | 238-1 | 0.56    | 0.57    | 0.55    | 0.56       | 2.15    | ppb   |
| Vanadium  | 51-2  | 130.91  | 131.35  | 130.63  | 130.96     | 0.28    | ppb   |
| Yttrium   | 89-1  |         |         |         | 102        |         | %     |
| Yttrium   | 89-2  |         |         |         | 103        |         | %     |
| Zinc      | 66-2  | 373.70  | 372.32  | 373.43  | 373.15     | 0.20    | ppb   |
| Zirconium | 90-1  | 6.95    | 7.05    | 6.99    | 7.00       | 0.70    | ppb   |
| Zirconium | 91-1  | 6.79    | 6.89    | 7.27    | 6.98       | 3.62    | ppb   |

LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

P4331-04MSDLX4

Instrumnet Name :

P7

Client Sample ID :

MYDBB7SRE

Dilution Factor :

4

Date & Time Acquired :

2024-10-30 13:51:25

DataFile Name :

028SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 17570.74 | 17722.03 | 17745.39 | 17679.39   | 0.54    | ppb   |
| Antimony   | 121-1 | 71.98    | 83.09    | 75.62    | 76.90      | 7.37    | ppb   |
| Arsenic    | 75-2  | 63.55    | 62.24    | 62.99    | 62.93      | 1.04    | ppb   |
| Barium     | 135-1 | 1992.23  | 2288.77  | 2127.26  | 2136.09    | 6.95    | ppb   |
| Barium     | 137-1 | 1997.18  | 2268.35  | 2096.76  | 2120.76    | 6.47    | ppb   |
| Beryllium  | 9-1   | 38.96    | 43.60    | 40.90    | 41.15      | 5.66    | ppb   |
| Bismuth    | 209-1 |          |          |          | 104        |         | %     |
| Bismuth    | 209-2 |          |          |          | 108        |         | %     |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Bromine    | 81-2  |          |          |          |            |         | cps   |
| Cadmium    | 108-1 | 38.85    | 41.88    | 40.74    | 40.49      | 3.77    | ppb   |
| Cadmium    | 106-1 | 36.12    | 43.39    | 37.15    | 38.89      | 10.12   | ppb   |
| Cadmium    | 111-1 | 40.55    | 46.39    | 42.72    | 43.22      | 6.83    | ppb   |
| Calcium    | 43-1  | 6944.18  | 7962.86  | 7134.64  | 7347.23    | 7.37    | ppb   |
| Calcium    | 44-1  | 6718.52  | 7565.10  | 6697.73  | 6993.78    | 7.08    | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Carbon     | 12-2  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-2  |          |          |          |            |         | cps   |
| Chromium   | 52-2  | 188.49   | 190.33   | 191.41   | 190.08     | 0.78    | ppb   |
| Cobalt     | 59-2  | 392.51   | 403.25   | 398.76   | 398.17     | 1.35    | ppb   |
| Copper     | 63-2  | 629.34   | 631.08   | 638.15   | 632.85     | 0.74    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 100        |         | %     |
| Holmium    | 165-2 |          |          |          | 105        |         | %     |
| Indium     | 115-1 |          |          |          | 96         |         | %     |
| Indium     | 115-2 |          |          |          | 101        |         | %     |
| Iron       | 56-2  | 25005.03 | 25265.26 | 25240.52 | 25170.27   | 0.57    | ppb   |
| Iron       | 57-2  | 24559.10 | 24868.55 | 24744.32 | 24723.99   | 0.63    | ppb   |
| Iron       | 54-2  | 24825.57 | 25276.90 | 25601.44 | 25234.64   | 1.54    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : P4331-04MSDLX4 Instrumnet Name : P7  
Client Sample ID : MYDBB7SRE Dilution Factor : 4  
Date & Time Acquired : 2024-10-30 13:51:25 DataFile Name : 028SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2 | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|---------|----------|------------|---------|-------|
| Lead       | 206-1 | 91.49    | 103.05  | 94.11    | 96.22      | 6.30    | ppb   |
| Lead       | 207-1 | 90.53    | 102.84  | 92.48    | 95.28      | 6.94    | ppb   |
| Lead       | 208-1 | 90.27    | 102.15  | 92.80    | 95.07      | 6.58    | ppb   |
| Lithium    | 6-1   |          |         |          | 105        |         | %     |
| Magnesium  | 24-2  | 5565.34  | 5681.38 | 5721.26  | 5655.99    | 1.43    | ppb   |
| Manganese  | 55-2  | 4625.70  | 4668.50 | 4649.07  | 4647.76    | 0.46    | ppb   |
| Molybdenum | 94-1  | 11.64    | 12.62   | 11.35    | 11.87      | 5.61    | ppb   |
| Molybdenum | 95-1  | 0.54     | 0.62    | 0.59     | 0.58       | 6.46    | ppb   |
| Molybdenum | 96-1  | 1.89     | 1.89    | 1.77     | 1.85       | 3.68    | ppb   |
| Molybdenum | 97-1  | 0.46     | 0.51    | 0.51     | 0.49       | 5.88    | ppb   |
| Molybdenum | 98-1  | 0.47     | 0.51    | 0.48     | 0.48       | 4.44    | ppb   |
| Neodymium  | 150-1 |          |         |          |            |         | cps   |
| Neodymium  | 150-2 |          |         |          |            |         | cps   |
| Nickel     | 60-2  | 436.87   | 438.19  | 442.15   | 439.07     | 0.63    | ppb   |
| Phosphorus | 31-2  | 1459.58  | 1403.90 | 1464.08  | 1442.52    | 2.32    | ppb   |
| Potassium  | 39-2  | 3047.01  | 3066.55 | 3104.29  | 3072.62    | 0.95    | ppb   |
| Rhodium    | 103-1 |          |         |          | 96         |         | %     |
| Rhodium    | 103-2 |          |         |          | 99         |         | %     |
| Scandium   | 45-1  |          |         |          | 96         |         | %     |
| Scandium   | 45-2  |          |         |          | 98         |         | %     |
| Selenium   | 82-1  | 81.43    | 90.71   | 81.64    | 84.60      | 6.26    | ppb   |
| Selenium   | 77-2  | 83.43    | 89.66   | 91.76    | 88.28      | 4.91    | ppb   |
| Selenium   | 78-2  | 82.68    | 78.25   | 78.91    | 79.94      | 2.99    | ppb   |
| Silicon    | 28-1  | 623.86   | 710.25  | 649.33   | 661.15     | 6.71    | ppb   |
| Silver     | 107-1 | 29.27    | 32.98   | 31.63    | 31.29      | 5.99    | ppb   |
| Silver     | 109-1 | 28.73    | 33.54   | 31.05    | 31.11      | 7.74    | ppb   |
| Sodium     | 23-2  | 135.24   | 142.09  | 140.32   | 139.22     | 2.56    | ppb   |
| Strontium  | 86-1  | 80.27    | 90.45   | 81.38    | 84.03      | 6.65    | ppb   |
| Strontium  | 88-1  | 80.95    | 89.79   | 82.31    | 84.35      | 5.65    | ppb   |
| Sulfur     | 34-1  | -1627.08 | -937.88 | -1527.42 | -1364.13   |         | ppb   |
| Terbium    | 159-1 |          |         |          | 101        |         | %     |
| Terbium    | 159-2 |          |         |          | 103        |         | %     |
| Thallium   | 203-1 | 32.12    | 35.68   | 32.67    | 33.49      | 5.73    | ppb   |
| Thallium   | 205-1 | 31.89    | 36.24   | 32.57    | 33.57      | 6.98    | ppb   |
| Tin        | 118-1 | 2.67     | 3.01    | 2.77     | 2.81       | 6.26    | ppb   |
| Titanium   | 47-1  | 474.26   | 543.96  | 494.47   | 504.23     | 7.11    | ppb   |

LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

P4331-04MSDLX4

Instrumnet Name :

P7

Client Sample ID :

MYDBB7SRE

Dilution Factor :

4

Date & Time Acquired :

2024-10-30 13:51:25

DataFile Name :

028SMPL.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Uranium   | 238-1 | 0.56    | 0.61    | 0.57    | 0.58       | 4.70    | ppb   |
| Vanadium  | 51-2  | 405.25  | 410.87  | 415.60  | 410.57     | 1.26    | ppb   |
| Yttrium   | 89-1  |         |         |         | 97         |         | %     |
| Yttrium   | 89-2  |         |         |         | 103        |         | %     |
| Zinc      | 66-2  | 640.29  | 646.93  | 655.96  | 647.73     | 1.21    | ppb   |
| Zirconium | 90-1  | 6.87    | 7.76    | 7.06    | 7.23       | 6.49    | ppb   |
| Zirconium | 91-1  | 6.60    | 7.60    | 6.93    | 7.04       | 7.27    | ppb   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : P4331-04A Instrumnet Name : P7  
Client Sample ID : MYDBB7ARE Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 13:54:30 DataFile Name : 029SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Aluminium  | 27-2  | 61752.83 | 60628.49 | 60732.05 | 61037.79   | 1.02    | ppb   |
| Antimony   | 121-1 | 3.71     | 4.00     | 3.77     | 3.83       | 3.88    | ppb   |
| Arsenic    | 75-2  | 125.43   | 127.02   | 123.06   | 125.17     | 1.60    | ppb   |
| Barium     | 135-1 | 2151.20  | 2211.57  | 2192.98  | 2185.25    | 1.41    | ppb   |
| Barium     | 137-1 | 2139.36  | 2220.78  | 2214.18  | 2191.44    | 2.06    | ppb   |
| Beryllium  | 9-1   | 3.15     | 3.60     | 3.69     | 3.48       | 8.37    | ppb   |
| Bismuth    | 209-1 |          |          |          | 111        |         | %     |
| Bismuth    | 209-2 |          |          |          | 109        |         | %     |
| Bromine    | 81-1  |          |          |          |            |         | cps   |
| Bromine    | 81-2  |          |          |          |            |         | cps   |
| Cadmium    | 108-1 | 13.95    | 13.31    | 14.86    | 14.04      | 5.53    | ppb   |
| Cadmium    | 106-1 | 16.05    | 15.23    | 13.15    | 14.81      | 10.09   | ppb   |
| Cadmium    | 111-1 | 13.18    | 13.95    | 13.62    | 13.58      | 2.81    | ppb   |
| Calcium    | 43-1  | 24933.43 | 25856.56 | 26467.24 | 25752.41   | 3.00    | ppb   |
| Calcium    | 44-1  | 24023.61 | 24816.04 | 25183.92 | 24674.52   | 2.40    | ppb   |
| Carbon     | 12-1  |          |          |          |            |         | cps   |
| Carbon     | 12-2  |          |          |          |            |         | cps   |
| Chlorine   | 35-1  |          |          |          |            |         | cps   |
| Chlorine   | 35-2  |          |          |          |            |         | cps   |
| Chromium   | 52-2  | 145.91   | 144.43   | 144.80   | 145.05     | 0.53    | ppb   |
| Cobalt     | 59-2  | 70.17    | 69.52    | 69.42    | 69.70      | 0.59    | ppb   |
| Copper     | 63-2  | 1663.56  | 1659.56  | 1641.38  | 1654.83    | 0.71    | ppb   |
| Dysprosium | 156-1 |          |          |          |            |         | cps   |
| Dysprosium | 156-2 |          |          |          |            |         | cps   |
| Erbium     | 164-1 |          |          |          |            |         | cps   |
| Erbium     | 164-2 |          |          |          |            |         | cps   |
| Gadolinium | 160-1 |          |          |          |            |         | cps   |
| Gadolinium | 160-2 |          |          |          |            |         | cps   |
| Holmium    | 165-1 |          |          |          | 104        |         | %     |
| Holmium    | 165-2 |          |          |          | 105        |         | %     |
| Indium     | 115-1 |          |          |          | 100        |         | %     |
| Indium     | 115-2 |          |          |          | 100        |         | %     |
| Iron       | 56-2  | 91663.73 | 90899.01 | 90573.52 | 91045.42   | 0.61    | ppb   |
| Iron       | 57-2  | 89815.08 | 89888.24 | 88991.15 | 89564.82   | 0.56    | ppb   |
| Iron       | 54-2  | 90717.04 | 90218.30 | 90213.73 | 90383.02   | 0.32    | ppb   |
| Krypton    | 83-1  |          |          |          |            |         | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : P4331-04A Instrumnet Name : P7  
Client Sample ID : MYDBB7ARE Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 13:54:30 DataFile Name : 029SMPL.d

| Parameter  | Mass  | ConRep1  | ConRep2  | ConRep3  | Avg. Conc. | ConcRSD | Units |
|------------|-------|----------|----------|----------|------------|---------|-------|
| Lead       | 206-1 | 292.30   | 300.44   | 301.72   | 298.15     | 1.71    | ppb   |
| Lead       | 207-1 | 295.81   | 302.28   | 299.35   | 299.14     | 1.08    | ppb   |
| Lead       | 208-1 | 316.32   | 324.81   | 324.57   | 321.90     | 1.50    | ppb   |
| Lithium    | 6-1   |          |          |          | 107        |         | %     |
| Magnesium  | 24-2  | 21258.83 | 21169.92 | 21181.40 | 21203.39   | 0.23    | ppb   |
| Manganese  | 55-2  | 16919.14 | 16831.88 | 16834.04 | 16861.69   | 0.30    | ppb   |
| Molybdenum | 94-1  | 45.55    | 48.20    | 48.64    | 47.46      | 3.52    | ppb   |
| Molybdenum | 95-1  | 1.73     | 1.84     | 1.76     | 1.77       | 3.07    | ppb   |
| Molybdenum | 96-1  | 6.54     | 6.77     | 7.20     | 6.84       | 4.89    | ppb   |
| Molybdenum | 97-1  | 1.50     | 1.46     | 1.48     | 1.48       | 1.26    | ppb   |
| Molybdenum | 98-1  | 1.44     | 1.48     | 1.54     | 1.49       | 3.47    | ppb   |
| Neodymium  | 150-1 |          |          |          |            |         | cps   |
| Neodymium  | 150-2 |          |          |          |            |         | cps   |
| Nickel     | 60-2  | 215.69   | 214.18   | 213.59   | 214.49     | 0.51    | ppb   |
| Phosphorus | 31-2  | 5449.99  | 5490.54  | 5341.32  | 5427.29    | 1.42    | ppb   |
| Potassium  | 39-2  | 11099.13 | 10954.58 | 10823.43 | 10959.05   | 1.26    | ppb   |
| Rhodium    | 103-1 |          |          |          | 98         |         | %     |
| Rhodium    | 103-2 |          |          |          | 98         |         | %     |
| Scandium   | 45-1  |          |          |          | 106        |         | %     |
| Scandium   | 45-2  |          |          |          | 104        |         | %     |
| Selenium   | 82-1  | 2.38     | 3.40     | 3.90     | 3.23       | 23.88   | ppb   |
| Selenium   | 77-2  | 26.85    | 29.78    | 37.28    | 31.30      | 17.18   | ppb   |
| Selenium   | 78-2  | 7.80     | 6.07     | 6.20     | 6.69       | 14.39   | ppb   |
| Silicon    | 28-1  | 2652.68  | 2684.49  | 2745.07  | 2694.08    | 1.74    | ppb   |
| Silver     | 107-1 | 8.23     | 8.64     | 8.54     | 8.47       | 2.50    | ppb   |
| Silver     | 109-1 | 8.34     | 8.52     | 8.51     | 8.46       | 1.24    | ppb   |
| Sodium     | 23-2  | 489.75   | 492.34   | 492.13   | 491.41     | 0.29    | ppb   |
| Strontium  | 86-1  | 290.96   | 300.53   | 304.03   | 298.50     | 2.27    | ppb   |
| Strontium  | 88-1  | 299.38   | 313.41   | 314.20   | 309.00     | 2.70    | ppb   |
| Sulfur     | 34-1  | -1201.00 | -1289.98 | -1119.16 | -1203.38   |         | ppb   |
| Terbium    | 159-1 |          |          |          | 104        |         | %     |
| Terbium    | 159-2 |          |          |          | 105        |         | %     |
| Thallium   | 203-1 | 0.87     | 0.91     | 0.92     | 0.90       | 3.35    | ppb   |
| Thallium   | 205-1 | 0.87     | 0.88     | 0.91     | 0.89       | 2.84    | ppb   |
| Tin        | 118-1 | 9.61     | 9.95     | 9.74     | 9.76       | 1.77    | ppb   |
| Titanium   | 47-1  | 1796.80  | 1859.57  | 1886.89  | 1847.75    | 2.50    | ppb   |

LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

P4331-04A

Instrumnet Name :

P7

Client Sample ID :

MYDBB7ARE

Dilution Factor :

1

Date & Time Acquired :

2024-10-30 13:54:30

DataFile Name :

029SMPL.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Uranium   | 238-1 | 2.02    | 2.13    | 2.14    | 2.10       | 3.15    | ppb   |
| Vanadium  | 51-2  | 159.87  | 158.95  | 157.26  | 158.69     | 0.83    | ppb   |
| Yttrium   | 89-1  |         |         |         | 107        |         | %     |
| Yttrium   | 89-2  |         |         |         | 108        |         | %     |
| Zinc      | 66-2  | 1048.17 | 1027.85 | 1026.46 | 1034.16    | 1.18    | ppb   |
| Zirconium | 90-1  | 27.12   | 28.27   | 28.47   | 27.95      | 2.62    | ppb   |
| Zirconium | 91-1  | 27.42   | 27.75   | 28.73   | 27.97      | 2.43    | ppb   |



LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

CCV036

Instrumnet Name :

P7

Client Sample ID :

CCV036

Dilution Factor :

1

Date & Time Acquired :

2024-10-30 13:57:36

DataFile Name :

030CCV.d

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Aluminium  | 27-2  | 48983.05  | 49427.03  | 48638.36  | 49016.14   | 0.81    | ppb   |
| Antimony   | 121-1 | 476.57    | 482.86    | 500.83    | 486.75     | 2.59    | ppb   |
| Arsenic    | 75-2  | 529.24    | 522.51    | 518.75    | 523.50     | 1.02    | ppb   |
| Barium     | 135-1 | 2417.91   | 2410.79   | 2512.23   | 2446.98    | 2.31    | ppb   |
| Barium     | 137-1 | 2364.38   | 2400.97   | 2471.62   | 2412.32    | 2.26    | ppb   |
| Beryllium  | 9-1   | 499.39    | 497.06    | 507.78    | 501.41     | 1.12    | ppb   |
| Bismuth    | 209-1 |           |           |           | 106        |         | %     |
| Bismuth    | 209-2 |           |           |           | 104        |         | %     |
| Bromine    | 81-1  |           |           |           |            |         | cps   |
| Bromine    | 81-2  |           |           |           |            |         | cps   |
| Cadmium    | 108-1 | 495.21    | 499.97    | 517.73    | 504.30     | 2.35    | ppb   |
| Cadmium    | 106-1 | 499.03    | 501.01    | 514.93    | 504.99     | 1.72    | ppb   |
| Cadmium    | 111-1 | 493.91    | 501.20    | 513.90    | 503.00     | 2.01    | ppb   |
| Calcium    | 43-1  | 241359.65 | 239921.50 | 248323.77 | 243201.64  | 1.85    | ppb   |
| Calcium    | 44-1  | 238496.67 | 238114.66 | 243343.98 | 239985.10  | 1.21    | ppb   |
| Carbon     | 12-1  |           |           |           |            |         | cps   |
| Carbon     | 12-2  |           |           |           |            |         | cps   |
| Chlorine   | 35-1  |           |           |           |            |         | cps   |
| Chlorine   | 35-2  |           |           |           |            |         | cps   |
| Chromium   | 52-2  | 479.86    | 491.92    | 482.39    | 484.73     | 1.31    | ppb   |
| Cobalt     | 59-2  | 516.96    | 518.32    | 510.74    | 515.34     | 0.78    | ppb   |
| Copper     | 63-2  | 5008.94   | 5027.00   | 4979.88   | 5005.27    | 0.47    | 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 |           |           |           | 108        |         | %     |
| Indium     | 115-1 |           |           |           | 98         |         | %     |
| Indium     | 115-2 |           |           |           | 97         |         | %     |
| Iron       | 56-2  | 123399.02 | 124569.28 | 123364.21 | 123777.50  | 0.55    | ppb   |
| Iron       | 57-2  | 123014.41 | 124140.73 | 122501.48 | 123218.87  | 0.68    | ppb   |
| Iron       | 54-2  | 124098.02 | 123966.66 | 123587.30 | 123884.00  | 0.21    | ppb   |
| Krypton    | 83-1  |           |           |           |            |         | cps   |

LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

CCV036

Instrumnet Name :

P7

Client Sample ID :

CCV036

Dilution Factor :

1

Date & Time Acquired :

2024-10-30 13:57:36

DataFile Name :

030CCV.d

| Parameter  | Mass  | ConRep1   | ConRep2   | ConRep3   | Avg. Conc. | ConcRSD | Units |
|------------|-------|-----------|-----------|-----------|------------|---------|-------|
| Lead       | 206-1 | 2442.94   | 2424.37   | 2444.35   | 2437.22    | 0.46    | ppb   |
| Lead       | 207-1 | 2473.11   | 2452.01   | 2464.18   | 2463.10    | 0.43    | ppb   |
| Lead       | 208-1 | 2450.69   | 2445.17   | 2442.77   | 2446.21    | 0.17    | ppb   |
| Lithium    | 6-1   |           |           |           | 108        |         | %     |
| Magnesium  | 24-2  | 239595.89 | 241173.03 | 236217.44 | 238995.45  | 1.06    | ppb   |
| Manganese  | 55-2  | 4854.31   | 4837.26   | 4814.52   | 4835.36    | 0.41    | ppb   |
| Molybdenum | 94-1  | 4834.60   | 4934.13   | 4950.58   | 4906.44    | 1.28    | ppb   |
| Molybdenum | 95-1  | 4848.33   | 4833.21   | 4934.13   | 4871.89    | 1.12    | ppb   |
| Molybdenum | 96-1  | 4831.15   | 4812.83   | 4948.75   | 4864.24    | 1.52    | ppb   |
| Molybdenum | 97-1  | 4802.42   | 4855.49   | 4904.86   | 4854.26    | 1.06    | ppb   |
| Molybdenum | 98-1  | 4784.00   | 4819.42   | 4906.19   | 4836.54    | 1.30    | ppb   |
| Neodymium  | 150-1 |           |           |           |            |         | cps   |
| Neodymium  | 150-2 |           |           |           |            |         | cps   |
| Nickel     | 60-2  | 508.79    | 511.12    | 506.48    | 508.80     | 0.46    | ppb   |
| Phosphorus | 31-2  | 9763.61   | 9655.07   | 9796.68   | 9738.45    | 0.76    | ppb   |
| Potassium  | 39-2  | 120757.38 | 122675.45 | 121226.17 | 121553.00  | 0.82    | ppb   |
| Rhodium    | 103-1 |           |           |           | 96         |         | %     |
| Rhodium    | 103-2 |           |           |           | 95         |         | %     |
| Scandium   | 45-1  |           |           |           | 98         |         | %     |
| Scandium   | 45-2  |           |           |           | 99         |         | %     |
| Selenium   | 82-1  | 498.63    | 505.43    | 514.35    | 506.14     | 1.56    | ppb   |
| Selenium   | 77-2  | 521.91    | 523.39    | 524.04    | 523.11     | 0.21    | ppb   |
| Selenium   | 78-2  | 542.20    | 521.83    | 530.64    | 531.56     | 1.92    | ppb   |
| Silicon    | 28-1  | 2409.23   | 2436.43   | 2486.43   | 2444.03    | 1.60    | ppb   |
| Silver     | 107-1 | 497.90    | 503.78    | 512.02    | 504.57     | 1.41    | ppb   |
| Silver     | 109-1 | 495.80    | 502.27    | 518.65    | 505.57     | 2.33    | ppb   |
| Sodium     | 23-2  | 245000.34 | 246134.17 | 243125.30 | 244753.27  | 0.62    | ppb   |
| Strontium  | 86-1  | 11898.86  | 12079.64  | 12162.99  | 12047.16   | 1.12    | ppb   |
| Strontium  | 88-1  | 11962.12  | 12146.61  | 12326.14  | 12144.96   | 1.50    | ppb   |
| Sulfur     | 34-1  | 9030.19   | 8928.26   | 9417.18   | 9125.21    | 2.83    | ppb   |
| Terbium    | 159-1 |           |           |           | 105        |         | %     |
| Terbium    | 159-2 |           |           |           | 106        |         | %     |
| Thallium   | 203-1 | 490.85    | 486.72    | 497.61    | 491.72     | 1.12    | ppb   |
| Thallium   | 205-1 | 487.36    | 489.82    | 486.14    | 487.77     | 0.38    | ppb   |
| Tin        | 118-1 | 459.81    | 469.39    | 491.15    | 473.45     | 3.39    | ppb   |
| Titanium   | 47-1  | 4787.33   | 4802.38   | 4936.21   | 4841.97    | 1.69    | ppb   |

LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

CCV036

Instrumnet Name :

P7

Client Sample ID :

CCV036

Dilution Factor :

1

Date & Time Acquired :

2024-10-30 13:57:36

DataFile Name :

030CCV.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Uranium   | 238-1 | 500.48  | 495.08  | 492.29  | 495.95     | 0.84    | ppb   |
| Vanadium  | 51-2  | 497.32  | 495.58  | 488.26  | 493.72     | 0.97    | ppb   |
| Yttrium   | 89-1  |         |         |         | 100        |         | %     |
| Yttrium   | 89-2  |         |         |         | 100        |         | %     |
| Zinc      | 66-2  | 5005.63 | 5076.57 | 4947.13 | 5009.78    | 1.29    | ppb   |
| Zirconium | 90-1  | 488.47  | 491.03  | 501.39  | 493.63     | 1.39    | ppb   |
| Zirconium | 91-1  | 478.83  | 484.12  | 493.95  | 485.64     | 1.58    | ppb   |

LB Number :LB133210Operator :Jaswal

Lab Sample ID :CCB036Instrumnet Name :P7

Client Sample ID :CCB036Dilution Factor :1

Date & Time Acquired :2024-10-30 14:00:36DataFile Name :031CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Aluminium  | 27-2  | 3.12    | 1.80    | 2.04    | 2.32       | 30.45   | ppb   |
| Antimony   | 121-1 | 0.28    | 0.26    | 0.31    | 0.28       | 7.68    | ppb   |
| Arsenic    | 75-2  | 0.04    | 0.01    | 0.03    | 0.03       | 69.75   | ppb   |
| Barium     | 135-1 | 0.14    | 0.14    | 0.10    | 0.12       | 19.88   | ppb   |
| Barium     | 137-1 | 0.15    | 0.14    | 0.09    | 0.13       | 24.36   | ppb   |
| Beryllium  | 9-1   | 0.04    | 0.04    | 0.01    | 0.03       | 62.56   | ppb   |
| Bismuth    | 209-1 |         |         |         | 111        |         | %     |
| Bismuth    | 209-2 |         |         |         | 110        |         | %     |
| Bromine    | 81-1  |         |         |         |            |         | cps   |
| Bromine    | 81-2  |         |         |         |            |         | cps   |
| Cadmium    | 108-1 | -0.07   | -0.03   | 0.16    | 0.02       | 657.64  | ppb   |
| Cadmium    | 106-1 | -0.61   | -1.16   | -1.16   | -0.98      |         | ppb   |
| Cadmium    | 111-1 | 0.03    | -0.04   | -0.04   | -0.02      |         | ppb   |
| Calcium    | 43-1  | 12.35   | 6.68    | 8.03    | 9.02       | 32.84   | ppb   |
| Calcium    | 44-1  | -0.69   | -3.55   | -3.23   | -2.49      |         | ppb   |
| Carbon     | 12-1  |         |         |         |            |         | cps   |
| Carbon     | 12-2  |         |         |         |            |         | cps   |
| Chlorine   | 35-1  |         |         |         |            |         | cps   |
| Chlorine   | 35-2  |         |         |         |            |         | cps   |
| Chromium   | 52-2  | 0.01    | 0.03    | 0.02    | 0.02       | 27.94   | ppb   |
| Cobalt     | 59-2  | 0.01    | 0.02    | 0.01    | 0.01       | 46.11   | ppb   |
| Copper     | 63-2  | 0.29    | 0.33    | 0.25    | 0.29       | 12.60   | 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 |         |         |         | 104        |         | %     |
| Holmium    | 165-2 |         |         |         | 106        |         | %     |
| Indium     | 115-1 |         |         |         | 103        |         | %     |
| Indium     | 115-2 |         |         |         | 101        |         | %     |
| Iron       | 56-2  | 4.52    | 4.41    | 4.36    | 4.43       | 1.88    | ppb   |
| Iron       | 57-2  | -0.01   | 0.08    | -0.12   | -0.02      |         | ppb   |
| Iron       | 54-2  | 8.39    | 3.64    | 3.75    | 5.26       | 51.49   | ppb   |
| Krypton    | 83-1  |         |         |         |            |         | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : CCB036 Instrumnet Name : P7  
Client Sample ID : CCB036 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 14:00:36 DataFile Name : 031CCBE.d

| Parameter  | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|------------|-------|---------|---------|---------|------------|---------|-------|
| Lead       | 206-1 | 0.18    | 0.19    | 0.12    | 0.16       | 22.00   | ppb   |
| Lead       | 207-1 | 0.18    | 0.16    | 0.13    | 0.16       | 16.23   | ppb   |
| Lead       | 208-1 | 0.18    | 0.16    | 0.14    | 0.16       | 13.53   | ppb   |
| Lithium    | 6-1   |         |         |         | 106        |         | %     |
| Magnesium  | 24-2  | 70.10   | 7.94    | 7.09    | 28.38      | 127.34  | ppb   |
| Manganese  | 55-2  | 0.32    | 0.26    | 0.31    | 0.29       | 11.63   | ppb   |
| Molybdenum | 94-1  | 0.42    | 0.31    | 0.33    | 0.35       | 16.49   | ppb   |
| Molybdenum | 95-1  | 0.38    | 0.29    | 0.26    | 0.31       | 20.53   | ppb   |
| Molybdenum | 96-1  | 0.37    | 0.29    | 0.29    | 0.32       | 13.72   | ppb   |
| Molybdenum | 97-1  | 0.37    | 0.28    | 0.33    | 0.32       | 12.67   | ppb   |
| Molybdenum | 98-1  | 0.39    | 0.31    | 0.30    | 0.34       | 15.38   | ppb   |
| Neodymium  | 150-1 |         |         |         |            |         | cps   |
| Neodymium  | 150-2 |         |         |         |            |         | cps   |
| Nickel     | 60-2  | 0.02    | 0.03    | -0.03   | 0.01       | 426.06  | ppb   |
| Phosphorus | 31-2  | -24.07  | -16.49  | -17.65  | -19.40     |         | ppb   |
| Potassium  | 39-2  | 0.91    | 3.18    | 3.06    | 2.38       | 53.77   | ppb   |
| Rhodium    | 103-1 |         |         |         | 101        |         | %     |
| Rhodium    | 103-2 |         |         |         | 101        |         | %     |
| Scandium   | 45-1  |         |         |         | 99         |         | %     |
| Scandium   | 45-2  |         |         |         | 99         |         | %     |
| Selenium   | 82-1  | 0.82    | 0.60    | -0.13   | 0.43       | 116.61  | ppb   |
| Selenium   | 77-2  | -0.01   | -0.37   | 0.00    | -0.13      |         | ppb   |
| Selenium   | 78-2  | -1.52   | 0.98    | -2.10   | -0.88      |         | ppb   |
| Silicon    | 28-1  | -2.68   | -2.59   | -2.50   | -2.59      |         | ppb   |
| Silver     | 107-1 | 0.06    | 0.05    | 0.04    | 0.05       | 21.28   | ppb   |
| Silver     | 109-1 | 0.06    | 0.06    | 0.05    | 0.06       | 13.67   | ppb   |
| Sodium     | 23-2  | 52.10   | 51.36   | 47.70   | 50.39      | 4.68    | ppb   |
| Strontium  | 86-1  | 0.54    | 0.42    | 0.34    | 0.44       | 23.33   | ppb   |
| Strontium  | 88-1  | 0.59    | 0.44    | 0.39    | 0.47       | 22.03   | ppb   |
| Sulfur     | 34-1  | -601.49 | -460.93 | -397.89 | -486.77    |         | ppb   |
| Terbium    | 159-1 |         |         |         | 105        |         | %     |
| Terbium    | 159-2 |         |         |         | 103        |         | %     |
| Thallium   | 203-1 | 0.08    | 0.08    | 0.06    | 0.07       | 19.58   | ppb   |
| Thallium   | 205-1 | 0.09    | 0.08    | 0.06    | 0.08       | 16.56   | ppb   |
| Tin        | 118-1 | 0.13    | 0.16    | 0.18    | 0.16       | 17.03   | ppb   |
| Titanium   | 47-1  | 0.16    | 0.21    | 0.25    | 0.21       | 23.58   | ppb   |

LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

CCB036

Instrumnet Name :

P7

Client Sample ID :

CCB036

Dilution Factor :

1

Date & Time Acquired :

2024-10-30 14:00:36

DataFile Name :

031CCBE.d

| Parameter | Mass  | ConRep1 | ConRep2 | ConRep3 | Avg. Conc. | ConcRSD | Units |
|-----------|-------|---------|---------|---------|------------|---------|-------|
| Uranium   | 238-1 | 0.02    | 0.02    | 0.02    | 0.02       | 15.51   | ppb   |
| Vanadium  | 51-2  | 0.01    | 0.02    | 0.01    | 0.01       | 41.80   | ppb   |
| Yttrium   | 89-1  |         |         |         | 100        |         | %     |
| Yttrium   | 89-2  |         |         |         | 102        |         | %     |
| Zinc      | 66-2  | 0.17    | 0.20    | 0.15    | 0.17       | 14.81   | ppb   |
| Zirconium | 90-1  | 0.05    | 0.04    | 0.03    | 0.04       | 25.68   | ppb   |
| Zirconium | 91-1  | 0.03    | 0.03    | 0.03    | 0.03       | 8.06    | ppb   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : S0 Instrumnet Name : P7  
Client Sample ID : S0 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 12:18:29 DataFile Name : 004CALB.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 190     | 200     | 277     | 222     | 21.34  | cps   |
| Antimony   | 121-1 | 30      | 43      | 27      | 33      | 26.45  | cps   |
| Arsenic    | 75-2  | 7       | 10      | 7       | 8       | 24.71  | cps   |
| Barium     | 135-1 | 43      | 53      | 40      | 46      | 15.23  | cps   |
| Barium     | 137-1 | 77      | 77      | 50      | 68      | 22.72  | cps   |
| Beryllium  | 9-1   | 10      | 23      | 10      | 14      | 53.28  | cps   |
| Bismuth    | 209-1 | 3413168 | 3312563 | 3259263 | 3328331 | 2.35   | cps   |
| Bismuth    | 209-2 | 2517669 | 2546793 | 2549595 | 2538019 | 0.70   | cps   |
| Bromine    | 81-1  | 5925    | 5798    | 5701    | 5808    | 1.93   | cps   |
| Bromine    | 81-2  | 100     | 83      | 83      | 89      | 10.83  | cps   |
| Cadmium    | 108-1 | 10      | 10      | 17      | 12      | 31.50  | cps   |
| Cadmium    | 106-1 | 1233    | 1120    | 1173    | 1176    | 4.82   | cps   |
| Cadmium    | 111-1 | 866     | 780     | 816     | 821     | 5.26   | cps   |
| Calcium    | 43-1  | 197     | 213     | 163     | 191     | 13.32  | cps   |
| Calcium    | 44-1  | 13216   | 13343   | 13196   | 13252   | 0.60   | cps   |
| Carbon     | 12-1  |         |         |         |         |        | cps   |
| Carbon     | 12-2  |         |         |         |         |        | cps   |
| Chlorine   | 35-1  |         |         |         |         |        | cps   |
| Chlorine   | 35-2  |         |         |         |         |        | cps   |
| Chromium   | 52-2  | 667     | 590     | 590     | 616     | 7.19   | cps   |
| Cobalt     | 59-2  | 87      | 107     | 113     | 102     | 13.57  | cps   |
| Copper     | 63-2  | 1010    | 997     | 1067    | 1024    | 3.63   | cps   |
| Dysprosium | 156-1 | 307     | 287     | 240     | 278     | 12.32  | cps   |
| Dysprosium | 156-2 | 90      | 103     | 67      | 87      | 21.41  | cps   |
| Erbium     | 164-1 | 40      | 33      | 27      | 33      | 20.00  | cps   |
| Erbium     | 164-2 | 27      | 43      | 17      | 29      | 46.62  | cps   |
| Gadolinium | 160-1 | 33      | 17      | 20      | 23      | 37.78  | cps   |
| Gadolinium | 160-2 | 170     | 200     | 143     | 171     | 16.57  | cps   |
| Holmium    | 165-1 | 5655611 | 5598975 | 5488237 | 5580941 | 1.53   | cps   |
| Holmium    | 165-2 | 3722298 | 3769213 | 3703884 | 3731798 | 0.90   | cps   |
| Indium     | 115-1 | 4709048 | 4662466 | 4580898 | 4650804 | 1.39   | cps   |
| Indium     | 115-2 | 1751344 | 1733212 | 1723226 | 1735927 | 0.82   | cps   |
| Iron       | 56-2  | 10177   | 10184   | 9723    | 10028   | 2.63   | cps   |
| Iron       | 57-2  | 2930    | 2884    | 2800    | 2871    | 2.29   | cps   |
| Iron       | 54-2  | 1313    | 1363    | 1293    | 1323    | 2.72   | cps   |
| Krypton    | 83-1  | 137     | 230     | 200     | 189     | 25.22  | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : S0 Instrumnet Name : P7  
Client Sample ID : S0 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 12:18:29 DataFile Name : 004CALB.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Lead       | 206-1 | 130     | 160     | 183     | 158     | 16.95  | cps   |
| Lead       | 207-1 | 163     | 147     | 187     | 166     | 12.14  | cps   |
| Lead       | 208-1 | 617     | 697     | 760     | 691     | 10.39  | cps   |
| Lithium    | 6-1   | 550637  | 539715  | 528106  | 539486  | 2.09   | cps   |
| Magnesium  | 24-2  | 283     | 330     | 297     | 303     | 7.92   | cps   |
| Manganese  | 55-2  | 340     | 293     | 367     | 333     | 11.14  | cps   |
| Molybdenum | 94-1  | 107     | 110     | 120     | 112     | 6.18   | cps   |
| Molybdenum | 95-1  | 17      | 67      | 40      | 41      | 60.85  | cps   |
| Molybdenum | 96-1  | 40      | 60      | 53      | 51      | 19.92  | cps   |
| Molybdenum | 97-1  | 27      | 23      | 20      | 23      | 14.29  | cps   |
| Molybdenum | 98-1  | 60      | 63      | 63      | 62      | 3.09   | cps   |
| Neodymium  | 150-1 | 0       | 10      | 0       | 3       | 173.21 | cps   |
| Neodymium  | 150-2 | 0       | 13      | 0       | 4       | 173.21 | cps   |
| Nickel     | 60-2  | 110     | 90      | 73      | 91      | 20.15  | cps   |
| Phosphorus | 31-2  | 147     | 153     | 103     | 134     | 20.20  | cps   |
| Potassium  | 39-2  | 82013   | 81999   | 81939   | 81984   | 0.05   | cps   |
| Rhodium    | 103-1 | 4467097 | 4418077 | 4383408 | 4422860 | 0.95   | cps   |
| Rhodium    | 103-2 | 2907522 | 2930032 | 2917453 | 2918336 | 0.39   | cps   |
| Scandium   | 45-1  | 2619959 | 2576782 | 2568934 | 2588559 | 1.06   | cps   |
| Scandium   | 45-2  | 297196  | 299820  | 299016  | 298677  | 0.45   | cps   |
| Selenium   | 82-1  | 284     | 221     | 216     | 240     | 15.88  | cps   |
| Selenium   | 77-2  | 3       | 7       | 0       | 3       | 100.05 | cps   |
| Selenium   | 78-2  | 370     | 323     | 380     | 358     | 8.45   | cps   |
| Silicon    | 28-1  | 190409  | 191614  | 192046  | 191356  | 0.44   | cps   |
| Silver     | 107-1 | 43      | 33      | 30      | 36      | 19.51  | cps   |
| Silver     | 109-1 | 37      | 7       | 17      | 20      | 76.36  | cps   |
| Sodium     | 23-2  | 31522   | 31152   | 31663   | 31445   | 0.84   | cps   |
| Strontium  | 86-1  | 320     | 347     | 330     | 332     | 4.05   | cps   |
| Strontium  | 88-1  | 147     | 90      | 143     | 127     | 25.11  | cps   |
| Sulfur     | 34-1  | 132639  | 130403  | 132508  | 131850  | 0.95   | cps   |
| Terbium    | 159-1 | 5900916 | 5734665 | 5659876 | 5765152 | 2.14   | cps   |
| Terbium    | 159-2 | 3806642 | 3780486 | 3794982 | 3794037 | 0.35   | cps   |
| Thallium   | 203-1 | 70      | 33      | 60      | 54      | 34.82  | cps   |
| Thallium   | 205-1 | 160     | 147     | 150     | 152     | 4.56   | cps   |
| Tin        | 118-1 | 977     | 913     | 887     | 926     | 4.99   | cps   |
| Titanium   | 47-1  | 77      | 113     | 110     | 100     | 20.28  | cps   |



LB Number :LB133210

Operator :Jaswal

Lab Sample ID :S00

Instrumnet Name :P7

Client Sample ID :S0

Dilution Factor :1

Date & Time Acquired :2024-10-30 12:18:29

DataFile Name :004CALB.d

| Parameter | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|-------|---------|---------|---------|---------|--------|-------|
| Uranium   | 238-1 | 20      | 37      | 7       | 21      | 71.19  | cps   |
| Vanadium  | 51-2  | 7       | 10      | 20      | 12      | 56.76  | cps   |
| Yttrium   | 89-1  | 8007705 | 7959142 | 7754193 | 7907013 | 1.70   | cps   |
| Yttrium   | 89-2  | 2275808 | 2301174 | 2305233 | 2294072 | 0.70   | cps   |
| Zinc      | 66-2  | 347     | 413     | 363     | 374     | 9.27   | cps   |
| Zirconium | 90-1  | 330     | 223     | 217     | 257     | 24.78  | cps   |
| Zirconium | 91-1  | 63      | 73      | 50      | 62      | 18.81  | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : S02 Instrumnet Name : P7  
Client Sample ID : S02 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 12:25:05 DataFile Name : 006CALS.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 2734    | 2857    | 2760    | 2784    | 2.33   | cps   |
| Antimony   | 121-1 | 9260    | 9777    | 9443    | 9493    | 2.76   | cps   |
| Arsenic    | 75-2  | 343     | 457     | 360     | 387     | 15.83  | cps   |
| Barium     | 135-1 | 11124   | 11511   | 11351   | 11329   | 1.72   | cps   |
| Barium     | 137-1 | 19450   | 19670   | 19430   | 19517   | 0.68   | cps   |
| Beryllium  | 9-1   | 550     | 520     | 520     | 530     | 3.27   | cps   |
| Bismuth    | 209-1 | 3152539 | 3204174 | 3194309 | 3183674 | 0.86   | cps   |
| Bismuth    | 209-2 | 2472299 | 2479808 | 2456455 | 2469521 | 0.48   | cps   |
| Bromine    | 81-1  | 5058    | 5314    | 5108    | 5160    | 2.64   | cps   |
| Bromine    | 81-2  | 40      | 43      | 47      | 43      | 7.70   | cps   |
| Cadmium    | 108-1 | 100     | 93      | 87      | 93      | 7.14   | cps   |
| Cadmium    | 106-1 | 1257    | 1210    | 1267    | 1245    | 2.43   | cps   |
| Cadmium    | 111-1 | 1996    | 1888    | 2016    | 1967    | 3.49   | cps   |
| Calcium    | 43-1  | 6365    | 6388    | 6581    | 6445    | 1.85   | cps   |
| Calcium    | 44-1  | 113427  | 116355  | 117245  | 115676  | 1.73   | cps   |
| Carbon     | 12-1  |         |         |         |         |        | cps   |
| Carbon     | 12-2  |         |         |         |         |        | cps   |
| Chlorine   | 35-1  |         |         |         |         |        | cps   |
| Chlorine   | 35-2  |         |         |         |         |        | cps   |
| Chromium   | 52-2  | 5971    | 5951    | 5951    | 5958    | 0.19   | cps   |
| Cobalt     | 59-2  | 4121    | 3984    | 4014    | 4039    | 1.78   | cps   |
| Copper     | 63-2  | 6365    | 6115    | 6435    | 6305    | 2.67   | cps   |
| Dysprosium | 156-1 | 220     | 220     | 300     | 247     | 18.73  | cps   |
| Dysprosium | 156-2 | 87      | 67      | 73      | 76      | 13.48  | cps   |
| Erbium     | 164-1 | 43      | 33      | 47      | 41      | 16.89  | cps   |
| Erbium     | 164-2 | 30      | 20      | 7       | 19      | 61.96  | cps   |
| Gadolinium | 160-1 | 30      | 20      | 33      | 28      | 24.98  | cps   |
| Gadolinium | 160-2 | 140     | 130     | 167     | 146     | 13.02  | cps   |
| Holmium    | 165-1 | 5195849 | 5223338 | 5173393 | 5197527 | 0.48   | cps   |
| Holmium    | 165-2 | 3594862 | 3567717 | 3710994 | 3624524 | 2.10   | cps   |
| Indium     | 115-1 | 4266543 | 4340432 | 4375874 | 4327616 | 1.29   | cps   |
| Indium     | 115-2 | 1669640 | 1681346 | 1697060 | 1682682 | 0.82   | cps   |
| Iron       | 56-2  | 124511  | 123569  | 124201  | 124094  | 0.39   | cps   |
| Iron       | 57-2  | 5708    | 5848    | 6085    | 5880    | 3.24   | cps   |
| Iron       | 54-2  | 8322    | 8106    | 8156    | 8195    | 1.39   | cps   |
| Krypton    | 83-1  | 143     | 227     | 170     | 180     | 23.64  | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : S02 Instrumnet Name : P7  
Client Sample ID : S02 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 12:25:05 DataFile Name : 006CAL.S.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Lead       | 206-1 | 3167    | 3174    | 3027    | 3123    | 2.65   | cps   |
| Lead       | 207-1 | 2644    | 2647    | 2717    | 2669    | 1.55   | cps   |
| Lead       | 208-1 | 12319   | 12506   | 12472   | 12432   | 0.80   | cps   |
| Lithium    | 6-1   | 492823  | 501057  | 498290  | 497390  | 0.84   | cps   |
| Magnesium  | 24-2  | 118045  | 116111  | 116990  | 117049  | 0.83   | cps   |
| Manganese  | 55-2  | 2194    | 2320    | 2200    | 2238    | 3.19   | cps   |
| Molybdenum | 94-1  | 10324   | 9910    | 9973    | 10069   | 2.21   | cps   |
| Molybdenum | 95-1  | 11701   | 12038   | 11635   | 11791   | 1.83   | cps   |
| Molybdenum | 96-1  | 12872   | 13393   | 13580   | 13282   | 2.76   | cps   |
| Molybdenum | 97-1  | 7249    | 7295    | 7579    | 7374    | 2.42   | cps   |
| Molybdenum | 98-1  | 18515   | 18799   | 19500   | 18938   | 2.68   | cps   |
| Neodymium  | 150-1 | 10      | 7       | 3       | 7       | 50.03  | cps   |
| Neodymium  | 150-2 | 7       | 0       | 7       | 4       | 86.60  | cps   |
| Nickel     | 60-2  | 1180    | 1010    | 1147    | 1112    | 8.10   | cps   |
| Phosphorus | 31-2  | 427     | 443     | 413     | 428     | 3.51   | cps   |
| Potassium  | 39-2  | 237859  | 237054  | 237515  | 237476  | 0.17   | cps   |
| Rhodium    | 103-1 | 4167780 | 4234503 | 4215432 | 4205905 | 0.82   | cps   |
| Rhodium    | 103-2 | 2775163 | 2781935 | 2821657 | 2792918 | 0.90   | cps   |
| Scandium   | 45-1  | 2399057 | 2464040 | 2453291 | 2438796 | 1.43   | cps   |
| Scandium   | 45-2  | 292075  | 292549  | 290748  | 291791  | 0.32   | cps   |
| Selenium   | 82-1  | 601     | 515     | 591     | 569     | 8.22   | cps   |
| Selenium   | 77-2  | 37      | 57      | 47      | 47      | 21.43  | cps   |
| Selenium   | 78-2  | 493     | 580     | 483     | 519     | 10.24  | cps   |
| Silicon    | 28-1  | 210372  | 211148  | 212623  | 211381  | 0.54   | cps   |
| Silver     | 107-1 | 5304    | 5711    | 5504    | 5507    | 3.69   | cps   |
| Silver     | 109-1 | 5011    | 5451    | 5561    | 5341    | 5.45   | cps   |
| Sodium     | 23-2  | 224687  | 222564  | 223871  | 223707  | 0.48   | cps   |
| Strontium  | 86-1  | 1810    | 1930    | 1860    | 1867    | 3.23   | cps   |
| Strontium  | 88-1  | 13129   | 13750   | 13817   | 13565   | 2.79   | cps   |
| Sulfur     | 34-1  | 129479  | 129358  | 130730  | 129856  | 0.58   | cps   |
| Terbium    | 159-1 | 5388755 | 5414385 | 5383629 | 5395590 | 0.31   | cps   |
| Terbium    | 159-2 | 3670603 | 3617952 | 3660313 | 3649623 | 0.76   | cps   |
| Thallium   | 203-1 | 3744    | 3794    | 3804    | 3781    | 0.85   | cps   |
| Thallium   | 205-1 | 8276    | 8583    | 8976    | 8612    | 4.08   | cps   |
| Tin        | 118-1 | 18859   | 19400   | 19356   | 19205   | 1.56   | cps   |
| Titanium   | 47-1  | 3010    | 3097    | 3164    | 3090    | 2.49   | cps   |

LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

S02

Instrumnet Name :

P7

Client Sample ID :

S02

Dilution Factor :

1

Date & Time Acquired :

2024-10-30 12:25:05

DataFile Name :

006CALS.d

| Parameter | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|-------|---------|---------|---------|---------|--------|-------|
| Uranium   | 238-1 | 11031   | 10981   | 11402   | 11138   | 2.06   | cps   |
| Vanadium  | 51-2  | 11698   | 11755   | 11528   | 11660   | 1.01   | cps   |
| Yttrium   | 89-1  | 7220824 | 7378236 | 7416481 | 7338514 | 1.41   | cps   |
| Yttrium   | 89-2  | 2257974 | 2247182 | 2257664 | 2254273 | 0.27   | cps   |
| Zinc      | 66-2  | 2737    | 2554    | 2720    | 2670    | 3.80   | cps   |
| Zirconium | 90-1  | 8226    | 8359    | 8613    | 8399    | 2.34   | cps   |
| Zirconium | 91-1  | 1863    | 1953    | 1920    | 1912    | 2.38   | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : S03 Instrumnet Name : P7  
Client Sample ID : S03 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 12:28:22 DataFile Name : 007CAL.S.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 140422  | 140022  | 141142  | 140529  | 0.40   | cps   |
| Antimony   | 121-1 | 249700  | 255808  | 259567  | 255025  | 1.95   | cps   |
| Arsenic    | 75-2  | 18218   | 18275   | 18091   | 18195   | 0.52   | cps   |
| Barium     | 135-1 | 303675  | 311284  | 311266  | 308741  | 1.42   | cps   |
| Barium     | 137-1 | 520503  | 533670  | 539401  | 531191  | 1.82   | cps   |
| Beryllium  | 9-1   | 27518   | 28523   | 29324   | 28455   | 3.18   | cps   |
| Bismuth    | 209-1 | 3161509 | 3210376 | 3249045 | 3206977 | 1.37   | cps   |
| Bismuth    | 209-2 | 2476610 | 2453790 | 2481644 | 2470681 | 0.60   | cps   |
| Bromine    | 81-1  | 4958    | 5031    | 5188    | 5059    | 2.32   | cps   |
| Bromine    | 81-2  | 57      | 37      | 50      | 48      | 21.31  | cps   |
| Cadmium    | 108-1 | 4154    | 4441    | 4801    | 4465    | 7.26   | cps   |
| Cadmium    | 106-1 | 7285    | 7385    | 7322    | 7331    | 0.69   | cps   |
| Cadmium    | 111-1 | 61817   | 63109   | 62471   | 62466   | 1.03   | cps   |
| Calcium    | 43-1  | 72837   | 77651   | 75238   | 75242   | 3.20   | cps   |
| Calcium    | 44-1  | 1146725 | 1179369 | 1176610 | 1167568 | 1.55   | cps   |
| Carbon     | 12-1  |         |         |         |         |        | cps   |
| Carbon     | 12-2  |         |         |         |         |        | cps   |
| Chlorine   | 35-1  |         |         |         |         |        | cps   |
| Chlorine   | 35-2  |         |         |         |         |        | cps   |
| Chromium   | 52-2  | 137665  | 136289  | 135522  | 136492  | 0.80   | cps   |
| Cobalt     | 59-2  | 201282  | 200715  | 201171  | 201056  | 0.15   | cps   |
| Copper     | 63-2  | 1428683 | 1436478 | 1434514 | 1433225 | 0.28   | cps   |
| Dysprosium | 156-1 | 237     | 203     | 250     | 230     | 10.45  | cps   |
| Dysprosium | 156-2 | 63      | 77      | 57      | 66      | 15.54  | cps   |
| Erbium     | 164-1 | 30      | 33      | 40      | 34      | 14.78  | cps   |
| Erbium     | 164-2 | 17      | 33      | 37      | 29      | 37.08  | cps   |
| Gadolinium | 160-1 | 30      | 20      | 23      | 24      | 20.83  | cps   |
| Gadolinium | 160-2 | 183     | 163     | 150     | 166     | 10.14  | cps   |
| Holmium    | 165-1 | 5348220 | 5221661 | 5346847 | 5305576 | 1.37   | cps   |
| Holmium    | 165-2 | 3682952 | 3685335 | 3682933 | 3683740 | 0.04   | cps   |
| Indium     | 115-1 | 4373602 | 4258052 | 4390488 | 4340714 | 1.66   | cps   |
| Indium     | 115-2 | 1673121 | 1682184 | 1712888 | 1689398 | 1.23   | cps   |
| Iron       | 56-2  | 5832517 | 5780305 | 5738519 | 5783780 | 0.81   | cps   |
| Iron       | 57-2  | 151165  | 151559  | 150983  | 151235  | 0.19   | cps   |
| Iron       | 54-2  | 339359  | 335631  | 336091  | 337027  | 0.60   | cps   |
| Krypton    | 83-1  | 203     | 193     | 230     | 209     | 9.07   | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : S03 Instrumnet Name : P7  
Client Sample ID : S03 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 12:28:22 DataFile Name : 007CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Lead       | 206-1 | 776797   | 809130   | 799900   | 795276   | 2.09   | cps   |
| Lead       | 207-1 | 689801   | 709570   | 717146   | 705506   | 2.00   | cps   |
| Lead       | 208-1 | 3349283  | 3501464  | 3463449  | 3438065  | 2.30   | cps   |
| Lithium    | 6-1   | 514069   | 493887   | 501767   | 503241   | 2.02   | cps   |
| Magnesium  | 24-2  | 1143618  | 1129704  | 1146371  | 1139898  | 0.78   | cps   |
| Manganese  | 55-2  | 975000   | 974490   | 975560   | 975016   | 0.05   | cps   |
| Molybdenum | 94-1  | 949895   | 977099   | 981121   | 969372   | 1.75   | cps   |
| Molybdenum | 95-1  | 1380605  | 1418836  | 1421346  | 1406929  | 1.62   | cps   |
| Molybdenum | 96-1  | 1501006  | 1545037  | 1571633  | 1539225  | 2.32   | cps   |
| Molybdenum | 97-1  | 856093   | 884391   | 878235   | 872907   | 1.70   | cps   |
| Molybdenum | 98-1  | 2246084  | 2338936  | 2335764  | 2306928  | 2.29   | cps   |
| Neodymium  | 150-1 | 13       | 10       | 20       | 14       | 35.26  | cps   |
| Neodymium  | 150-2 | 3        | 7        | 0        | 3        | 100.05 | cps   |
| Nickel     | 60-2  | 50873    | 51441    | 51455    | 51256    | 0.65   | cps   |
| Phosphorus | 31-2  | 8266     | 8062     | 8002     | 8110     | 1.70   | cps   |
| Potassium  | 39-2  | 917562   | 914063   | 915829   | 915818   | 0.19   | cps   |
| Rhodium    | 103-1 | 4233310  | 4142760  | 4211695  | 4195922  | 1.13   | cps   |
| Rhodium    | 103-2 | 2825184  | 2779742  | 2823640  | 2809522  | 0.92   | cps   |
| Scandium   | 45-1  | 2428991  | 2366320  | 2461195  | 2418835  | 1.99   | cps   |
| Scandium   | 45-2  | 294625   | 293040   | 293501   | 293722   | 0.28   | cps   |
| Selenium   | 82-1  | 3808     | 4149     | 4131     | 4030     | 4.76   | cps   |
| Selenium   | 77-2  | 457      | 480      | 453      | 463      | 3.14   | cps   |
| Selenium   | 78-2  | 1827     | 1870     | 1937     | 1878     | 2.95   | cps   |
| Silicon    | 28-1  | 501068   | 514313   | 515539   | 510307   | 1.57   | cps   |
| Silver     | 107-1 | 308416   | 317752   | 314411   | 313526   | 1.51   | cps   |
| Silver     | 109-1 | 287732   | 295912   | 296175   | 293273   | 1.64   | cps   |
| Sodium     | 23-2  | 2037361  | 1965212  | 1995554  | 1999375  | 1.81   | cps   |
| Strontium  | 86-1  | 2094064  | 2103323  | 2136548  | 2111312  | 1.06   | cps   |
| Strontium  | 88-1  | 17986558 | 18363676 | 18386088 | 18245440 | 1.23   | cps   |
| Sulfur     | 34-1  | 146329   | 146881   | 145865   | 146358   | 0.35   | cps   |
| Terbium    | 159-1 | 5462304  | 5349041  | 5442307  | 5417884  | 1.12   | cps   |
| Terbium    | 159-2 | 3719648  | 3728774  | 3727141  | 3725188  | 0.13   | cps   |
| Thallium   | 203-1 | 194754   | 200490   | 199875   | 198373   | 1.59   | cps   |
| Thallium   | 205-1 | 454725   | 472219   | 474432   | 467125   | 2.31   | cps   |
| Tin        | 118-1 | 203657   | 208493   | 206986   | 206379   | 1.20   | cps   |
| Titanium   | 47-1  | 342102   | 352203   | 348986   | 347764   | 1.48   | cps   |

LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

S03

Instrumnet Name :

P7

Client Sample ID :

S03

Dilution Factor :

1

Date & Time Acquired :

2024-10-30 12:28:22

DataFile Name :

007CALS.d

| Parameter | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|-------|---------|---------|---------|---------|--------|-------|
| Uranium   | 238-1 | 593680  | 610658  | 609803  | 604714  | 1.58   | cps   |
| Vanadium  | 51-2  | 122710  | 121475  | 120577  | 121587  | 0.88   | cps   |
| Yttrium   | 89-1  | 7593145 | 7324032 | 7464017 | 7460398 | 1.80   | cps   |
| Yttrium   | 89-2  | 2246856 | 2213681 | 2250752 | 2237096 | 0.91   | cps   |
| Zinc      | 66-2  | 235519  | 236532  | 236489  | 236180  | 0.24   | cps   |
| Zirconium | 90-1  | 430223  | 441237  | 443649  | 438369  | 1.63   | cps   |
| Zirconium | 91-1  | 95478   | 98404   | 97645   | 97176   | 1.56   | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : S04 Instrumnet Name : P7  
Client Sample ID : S04 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 12:31:33 DataFile Name : 008CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 339018   | 338115   | 335713   | 337615   | 0.51   | cps   |
| Antimony   | 121-1 | 625855   | 641689   | 648003   | 638516   | 1.79   | cps   |
| Arsenic    | 75-2  | 43972    | 44062    | 43885    | 43973    | 0.20   | cps   |
| Barium     | 135-1 | 763561   | 783477   | 786446   | 777828   | 1.60   | cps   |
| Barium     | 137-1 | 1303000  | 1332028  | 1340539  | 1325189  | 1.49   | cps   |
| Beryllium  | 9-1   | 71614    | 72933    | 74943    | 73163    | 2.29   | cps   |
| Bismuth    | 209-1 | 3339660  | 3353188  | 3367652  | 3353500  | 0.42   | cps   |
| Bismuth    | 209-2 | 2528096  | 2574239  | 2564559  | 2555631  | 0.95   | cps   |
| Bromine    | 81-1  | 5108     | 5291     | 5024     | 5141     | 2.65   | cps   |
| Bromine    | 81-2  | 20       | 33       | 50       | 34       | 43.64  | cps   |
| Cadmium    | 108-1 | 10924    | 10717    | 11768    | 11137    | 5.00   | cps   |
| Cadmium    | 106-1 | 16646    | 16877    | 16459    | 16661    | 1.25   | cps   |
| Cadmium    | 111-1 | 152132   | 158762   | 157583   | 156159   | 2.27   | cps   |
| Calcium    | 43-1  | 183380   | 186714   | 187382   | 185825   | 1.15   | cps   |
| Calcium    | 44-1  | 2713514  | 2808151  | 2728630  | 2750098  | 1.85   | cps   |
| Carbon     | 12-1  |          |          |          |          |        | cps   |
| Carbon     | 12-2  |          |          |          |          |        | cps   |
| Chlorine   | 35-1  |          |          |          |          |        | cps   |
| Chlorine   | 35-2  |          |          |          |          |        | cps   |
| Chromium   | 52-2  | 330883   | 332647   | 329381   | 330971   | 0.49   | cps   |
| Cobalt     | 59-2  | 486015   | 488464   | 484156   | 486212   | 0.44   | cps   |
| Copper     | 63-2  | 3616055  | 3683277  | 3617275  | 3638869  | 1.06   | cps   |
| Dysprosium | 156-1 | 190      | 257      | 250      | 232      | 15.81  | cps   |
| Dysprosium | 156-2 | 133      | 83       | 100      | 106      | 24.12  | cps   |
| Erbium     | 164-1 | 23       | 47       | 53       | 41       | 38.32  | cps   |
| Erbium     | 164-2 | 13       | 50       | 33       | 32       | 56.98  | cps   |
| Gadolinium | 160-1 | 37       | 37       | 33       | 36       | 5.42   | cps   |
| Gadolinium | 160-2 | 143      | 120      | 187      | 150      | 22.55  | cps   |
| Holmium    | 165-1 | 5361907  | 5468202  | 5372182  | 5400764  | 1.09   | cps   |
| Holmium    | 165-2 | 3700128  | 3815707  | 3699518  | 3738451  | 1.79   | cps   |
| Indium     | 115-1 | 4374866  | 4514644  | 4413723  | 4434411  | 1.63   | cps   |
| Indium     | 115-2 | 1682413  | 1654744  | 1656891  | 1664683  | 0.92   | cps   |
| Iron       | 56-2  | 14075952 | 14061814 | 13922689 | 14020152 | 0.60   | cps   |
| Iron       | 57-2  | 370686   | 368848   | 363722   | 367752   | 0.98   | cps   |
| Iron       | 54-2  | 825550   | 814967   | 813727   | 818081   | 0.79   | cps   |
| Krypton    | 83-1  | 133      | 213      | 170      | 172      | 23.25  | cps   |



LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : S04 Instrumnet Name : P7  
Client Sample ID : S04 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 12:31:33 DataFile Name : 008CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Lead       | 206-1 | 2228089  | 2313443  | 2315919  | 2285817  | 2.19   | cps   |
| Lead       | 207-1 | 2027416  | 2081705  | 2063468  | 2057530  | 1.34   | cps   |
| Lead       | 208-1 | 9175073  | 9377321  | 9380297  | 9310897  | 1.26   | cps   |
| Lithium    | 6-1   | 529901   | 545044   | 550714   | 541886   | 1.99   | cps   |
| Magnesium  | 24-2  | 2768945  | 2769960  | 2770247  | 2769717  | 0.02   | cps   |
| Manganese  | 55-2  | 2357008  | 2339380  | 2315916  | 2337435  | 0.88   | cps   |
| Molybdenum | 94-1  | 2399448  | 2429142  | 2489785  | 2439459  | 1.89   | cps   |
| Molybdenum | 95-1  | 3480220  | 3497544  | 3597228  | 3524997  | 1.79   | cps   |
| Molybdenum | 96-1  | 3781899  | 3914492  | 3946790  | 3881060  | 2.25   | cps   |
| Molybdenum | 97-1  | 2162864  | 2196615  | 2246622  | 2202034  | 1.91   | cps   |
| Molybdenum | 98-1  | 5641661  | 5709977  | 5765590  | 5705742  | 1.09   | cps   |
| Neodymium  | 150-1 | 33       | 40       | 37       | 37       | 9.10   | cps   |
| Neodymium  | 150-2 | 3        | 10       | 7        | 7        | 50.03  | cps   |
| Nickel     | 60-2  | 125137   | 124508   | 123013   | 124219   | 0.88   | cps   |
| Phosphorus | 31-2  | 19606    | 19903    | 20080    | 19863    | 1.21   | cps   |
| Potassium  | 39-2  | 1963476  | 1990403  | 1986084  | 1979987  | 0.73   | cps   |
| Rhodium    | 103-1 | 4165446  | 4213835  | 4237328  | 4205536  | 0.87   | cps   |
| Rhodium    | 103-2 | 2812534  | 2816359  | 2834061  | 2820985  | 0.41   | cps   |
| Scandium   | 45-1  | 2415972  | 2439795  | 2439193  | 2431653  | 0.56   | cps   |
| Scandium   | 45-2  | 286584   | 287301   | 287726   | 287203   | 0.20   | cps   |
| Selenium   | 82-1  | 9656     | 9826     | 9874     | 9785     | 1.17   | cps   |
| Selenium   | 77-2  | 1057     | 1097     | 980      | 1044     | 5.68   | cps   |
| Selenium   | 78-2  | 4171     | 4047     | 4291     | 4170     | 2.92   | cps   |
| Silicon    | 28-1  | 952033   | 975955   | 986422   | 971470   | 1.81   | cps   |
| Silver     | 107-1 | 770154   | 781693   | 784955   | 778934   | 1.00   | cps   |
| Silver     | 109-1 | 717238   | 736056   | 733203   | 728832   | 1.39   | cps   |
| Sodium     | 23-2  | 4761167  | 4715258  | 4763573  | 4746666  | 0.57   | cps   |
| Strontium  | 86-1  | 5035385  | 5176580  | 5178157  | 5130041  | 1.60   | cps   |
| Strontium  | 88-1  | 44637556 | 45073458 | 44987814 | 44899609 | 0.51   | cps   |
| Sulfur     | 34-1  | 168046   | 171433   | 170024   | 169834   | 1.00   | cps   |
| Terbium    | 159-1 | 5541168  | 5607957  | 5646225  | 5598450  | 0.95   | cps   |
| Terbium    | 159-2 | 3759418  | 3839296  | 3755268  | 3784661  | 1.25   | cps   |
| Thallium   | 203-1 | 493890   | 505696   | 507496   | 502361   | 1.47   | cps   |
| Thallium   | 205-1 | 1161084  | 1187826  | 1198314  | 1182408  | 1.62   | cps   |
| Tin        | 118-1 | 503927   | 522527   | 517148   | 514534   | 1.86   | cps   |
| Titanium   | 47-1  | 843923   | 868951   | 867654   | 860176   | 1.64   | cps   |

LB Number :LB133210

Operator :Jaswal

Lab Sample ID :S04

Instrumnet Name :P7

Client Sample ID :S04

Dilution Factor :1

Date & Time Acquired :2024-10-30 12:31:33

DataFile Name :008CALS.d

| Parameter | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|-------|---------|---------|---------|---------|--------|-------|
| Uranium   | 238-1 | 1532661 | 1561968 | 1784869 | 1626500 | 8.48   | cps   |
| Vanadium  | 51-2  | 296861  | 294944  | 295124  | 295643  | 0.36   | cps   |
| Yttrium   | 89-1  | 7503240 | 7464572 | 7537702 | 7501838 | 0.49   | cps   |
| Yttrium   | 89-2  | 2240498 | 2273102 | 2249595 | 2254398 | 0.75   | cps   |
| Zinc      | 66-2  | 577763  | 576044  | 573026  | 575611  | 0.42   | cps   |
| Zirconium | 90-1  | 1062690 | 1084939 | 1104987 | 1084205 | 1.95   | cps   |
| Zirconium | 91-1  | 234949  | 244967  | 244492  | 241469  | 2.34   | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : S05 Instrumnet Name : P7  
Client Sample ID : S05 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 12:34:33 DataFile Name : 009CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 663432   | 662990   | 660895   | 662439   | 0.20   | cps   |
| Antimony   | 121-1 | 1259692  | 1296110  | 1304208  | 1286670  | 1.84   | cps   |
| Arsenic    | 75-2  | 87855    | 86681    | 86262    | 86933    | 0.95   | cps   |
| Barium     | 135-1 | 1649832  | 1669059  | 1711144  | 1676678  | 1.87   | cps   |
| Barium     | 137-1 | 2849058  | 2888027  | 2913195  | 2883426  | 1.12   | cps   |
| Beryllium  | 9-1   | 149357   | 151995   | 153391   | 151581   | 1.35   | cps   |
| Bismuth    | 209-1 | 3399120  | 3412065  | 3475666  | 3428950  | 1.19   | cps   |
| Bismuth    | 209-2 | 2657568  | 2607211  | 2599857  | 2621545  | 1.20   | cps   |
| Bromine    | 81-1  | 5038     | 4911     | 4797     | 4915     | 2.44   | cps   |
| Bromine    | 81-2  | 40       | 40       | 33       | 38       | 10.19  | cps   |
| Cadmium    | 108-1 | 22013    | 22771    | 22291    | 22358    | 1.71   | cps   |
| Cadmium    | 106-1 | 32206    | 32924    | 32694    | 32608    | 1.12   | cps   |
| Cadmium    | 111-1 | 309162   | 314311   | 314129   | 312534   | 0.93   | cps   |
| Calcium    | 43-1  | 359766   | 374417   | 374448   | 369544   | 2.29   | cps   |
| Calcium    | 44-1  | 5421571  | 5485342  | 5488233  | 5465049  | 0.69   | cps   |
| Carbon     | 12-1  |          |          |          |          |        | cps   |
| Carbon     | 12-2  |          |          |          |          |        | cps   |
| Chlorine   | 35-1  |          |          |          |          |        | cps   |
| Chlorine   | 35-2  |          |          |          |          |        | cps   |
| Chromium   | 52-2  | 649863   | 648851   | 638704   | 645806   | 0.96   | cps   |
| Cobalt     | 59-2  | 956566   | 957903   | 956687   | 957052   | 0.08   | cps   |
| Copper     | 63-2  | 7067558  | 7070293  | 6993662  | 7043838  | 0.62   | cps   |
| Dysprosium | 156-1 | 227      | 270      | 237      | 244      | 9.28   | cps   |
| Dysprosium | 156-2 | 163      | 120      | 140      | 141      | 15.37  | cps   |
| Erbium     | 164-1 | 37       | 67       | 47       | 50       | 30.55  | cps   |
| Erbium     | 164-2 | 40       | 17       | 30       | 29       | 40.51  | cps   |
| Gadolinium | 160-1 | 43       | 27       | 53       | 41       | 32.76  | cps   |
| Gadolinium | 160-2 | 150      | 160      | 170      | 160      | 6.25   | cps   |
| Holmium    | 165-1 | 5569275  | 5526001  | 5578558  | 5557945  | 0.50   | cps   |
| Holmium    | 165-2 | 3907705  | 3796435  | 3827088  | 3843743  | 1.50   | cps   |
| Indium     | 115-1 | 4399490  | 4443386  | 4464804  | 4435893  | 0.75   | cps   |
| Indium     | 115-2 | 1693177  | 1714990  | 1674897  | 1694355  | 1.18   | cps   |
| Iron       | 56-2  | 27708305 | 27713628 | 27642754 | 27688229 | 0.14   | cps   |
| Iron       | 57-2  | 722011   | 718032   | 714703   | 718249   | 0.51   | cps   |
| Iron       | 54-2  | 1563905  | 1538630  | 1539591  | 1547376  | 0.93   | cps   |
| Krypton    | 83-1  | 180      | 180      | 180      | 180      | 0.00   | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : S05 Instrumnet Name : P7  
Client Sample ID : S05 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 12:34:33 DataFile Name : 009CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Lead       | 206-1 | 4564372  | 4790286  | 4797556  | 4717405  | 2.81   | cps   |
| Lead       | 207-1 | 4106764  | 4309004  | 4295320  | 4237029  | 2.67   | cps   |
| Lead       | 208-1 | 18637612 | 19248295 | 19306719 | 19064209 | 1.94   | cps   |
| Lithium    | 6-1   | 562015   | 588023   | 586116   | 578718   | 2.50   | cps   |
| Magnesium  | 24-2  | 5488870  | 5466787  | 5390284  | 5448647  | 0.95   | cps   |
| Manganese  | 55-2  | 4691311  | 4640624  | 4568640  | 4633525  | 1.33   | cps   |
| Molybdenum | 94-1  | 4839429  | 4963459  | 4852064  | 4884984  | 1.40   | cps   |
| Molybdenum | 95-1  | 7036473  | 7110506  | 7088101  | 7078360  | 0.54   | cps   |
| Molybdenum | 96-1  | 7639572  | 7842310  | 7865451  | 7782444  | 1.60   | cps   |
| Molybdenum | 97-1  | 4381495  | 4539100  | 4518946  | 4479847  | 1.91   | cps   |
| Molybdenum | 98-1  | 11351900 | 11638000 | 11594778 | 11528226 | 1.34   | cps   |
| Neodymium  | 150-1 | 53       | 40       | 43       | 46       | 15.23  | cps   |
| Neodymium  | 150-2 | 17       | 10       | 20       | 16       | 32.73  | cps   |
| Nickel     | 60-2  | 242600   | 240958   | 242121   | 241893   | 0.35   | cps   |
| Phosphorus | 31-2  | 38843    | 38736    | 38549    | 38709    | 0.38   | cps   |
| Potassium  | 39-2  | 3765002  | 3758591  | 3731030  | 3751541  | 0.48   | cps   |
| Rhodium    | 103-1 | 4155147  | 4240820  | 4258066  | 4218011  | 1.31   | cps   |
| Rhodium    | 103-2 | 2832342  | 2816060  | 2789444  | 2812616  | 0.77   | cps   |
| Scandium   | 45-1  | 2439557  | 2460032  | 2451735  | 2450441  | 0.42   | cps   |
| Scandium   | 45-2  | 285094   | 285310   | 279871   | 283425   | 1.09   | cps   |
| Selenium   | 82-1  | 18676    | 19235    | 19356    | 19089    | 1.90   | cps   |
| Selenium   | 77-2  | 2260     | 2304     | 2224     | 2262     | 1.77   | cps   |
| Selenium   | 78-2  | 7602     | 7825     | 7475     | 7634     | 2.32   | cps   |
| Silicon    | 28-1  | 1710442  | 1778649  | 1728107  | 1739066  | 2.04   | cps   |
| Silver     | 107-1 | 1566307  | 1619702  | 1632925  | 1606311  | 2.20   | cps   |
| Silver     | 109-1 | 1452142  | 1470531  | 1467468  | 1463381  | 0.67   | cps   |
| Sodium     | 23-2  | 9427500  | 9481993  | 9372787  | 9427426  | 0.58   | cps   |
| Strontium  | 86-1  | 10186518 | 10462064 | 10343750 | 10330777 | 1.34   | cps   |
| Strontium  | 88-1  | 89170339 | 90634925 | 90386135 | 90063800 | 0.87   | cps   |
| Sulfur     | 34-1  | 211486   | 209236   | 210678   | 210466   | 0.54   | cps   |
| Terbium    | 159-1 | 5729989  | 5694257  | 5809003  | 5744416  | 1.02   | cps   |
| Terbium    | 159-2 | 3934101  | 3862635  | 3885956  | 3894231  | 0.94   | cps   |
| Thallium   | 203-1 | 1015065  | 1043874  | 1048429  | 1035789  | 1.75   | cps   |
| Thallium   | 205-1 | 2687090  | 2769958  | 2789051  | 2748699  | 1.97   | cps   |
| Tin        | 118-1 | 1014645  | 1034173  | 1040471  | 1029763  | 1.31   | cps   |
| Titanium   | 47-1  | 1714907  | 1743316  | 1710604  | 1722942  | 1.03   | cps   |

LB Number :LB133210

Operator :Jaswal

Lab Sample ID :S05

Instrumnet Name :P7

Client Sample ID :S05

Dilution Factor :1

Date & Time Acquired :2024-10-30 12:34:33

DataFile Name :009CALS.d

| Parameter | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|-------|---------|---------|---------|---------|--------|-------|
| Uranium   | 238-1 | 3661537 | 3742663 | 3749324 | 3717842 | 1.31   | cps   |
| Vanadium  | 51-2  | 584121  | 579824  | 579684  | 581210  | 0.43   | cps   |
| Yttrium   | 89-1  | 7535437 | 7557591 | 7505832 | 7532953 | 0.34   | cps   |
| Yttrium   | 89-2  | 2223625 | 2247263 | 2229413 | 2233434 | 0.55   | cps   |
| Zinc      | 66-2  | 1135855 | 1132793 | 1126871 | 1131839 | 0.40   | cps   |
| Zirconium | 90-1  | 2222826 | 2212800 | 2213507 | 2216378 | 0.25   | cps   |
| Zirconium | 91-1  | 473381  | 480769  | 483415  | 479189  | 1.09   | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : S06 Instrumnet Name : P7  
Client Sample ID : S06 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 12:37:28 DataFile Name : 010CAL.S.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 1310692  | 1274223  | 1286305  | 1290407  | 1.44   | cps   |
| Antimony   | 121-1 | 2659955  | 2700923  | 2761655  | 2707511  | 1.89   | cps   |
| Arsenic    | 75-2  | 171144   | 169997   | 170106   | 170416   | 0.37   | cps   |
| Barium     | 135-1 | 3326173  | 3396593  | 3412199  | 3378322  | 1.36   | cps   |
| Barium     | 137-1 | 5794423  | 5904770  | 5887524  | 5862239  | 1.01   | cps   |
| Beryllium  | 9-1   | 300138   | 313343   | 311816   | 308432   | 2.34   | cps   |
| Bismuth    | 209-1 | 3425510  | 3504949  | 3557062  | 3495840  | 1.90   | cps   |
| Bismuth    | 209-2 | 2615570  | 2684124  | 2636459  | 2645384  | 1.33   | cps   |
| Bromine    | 81-1  | 4914     | 5011     | 4891     | 4939     | 1.29   | cps   |
| Bromine    | 81-2  | 63       | 50       | 50       | 54       | 14.14  | cps   |
| Cadmium    | 108-1 | 43819    | 44020    | 44481    | 44107    | 0.77   | cps   |
| Cadmium    | 106-1 | 61687    | 64335    | 64285    | 63435    | 2.39   | cps   |
| Cadmium    | 111-1 | 603571   | 624563   | 622807   | 616980   | 1.89   | cps   |
| Calcium    | 43-1  | 713976   | 741346   | 739980   | 731767   | 2.11   | cps   |
| Calcium    | 44-1  | 10353112 | 10917679 | 10913978 | 10728256 | 3.03   | cps   |
| Carbon     | 12-1  |          |          |          |          |        | cps   |
| Carbon     | 12-2  |          |          |          |          |        | cps   |
| Chlorine   | 35-1  |          |          |          |          |        | cps   |
| Chlorine   | 35-2  |          |          |          |          |        | cps   |
| Chromium   | 52-2  | 1270855  | 1259218  | 1246688  | 1258920  | 0.96   | cps   |
| Cobalt     | 59-2  | 1948648  | 1881517  | 1911955  | 1914040  | 1.76   | cps   |
| Copper     | 63-2  | 13717654 | 13651616 | 13787245 | 13718838 | 0.49   | cps   |
| Dysprosium | 156-1 | 270      | 270      | 277      | 272      | 1.41   | cps   |
| Dysprosium | 156-2 | 210      | 187      | 243      | 213      | 13.35  | cps   |
| Erbium     | 164-1 | 53       | 43       | 50       | 49       | 10.42  | cps   |
| Erbium     | 164-2 | 43       | 73       | 27       | 48       | 49.49  | cps   |
| Gadolinium | 160-1 | 43       | 63       | 40       | 49       | 25.81  | cps   |
| Gadolinium | 160-2 | 177      | 177      | 147      | 167      | 10.39  | cps   |
| Holmium    | 165-1 | 5610775  | 5771743  | 5644764  | 5675760  | 1.49   | cps   |
| Holmium    | 165-2 | 3958584  | 3872458  | 3881799  | 3904280  | 1.21   | cps   |
| Indium     | 115-1 | 4389403  | 4423760  | 4452981  | 4422048  | 0.72   | cps   |
| Indium     | 115-2 | 1672971  | 1645810  | 1664177  | 1660986  | 0.83   | cps   |
| Iron       | 56-2  | 54686029 | 54323361 | 53992743 | 54334044 | 0.64   | cps   |
| Iron       | 57-2  | 1355648  | 1356163  | 1340859  | 1350890  | 0.64   | cps   |
| Iron       | 54-2  | 3035511  | 3023645  | 3024131  | 3027762  | 0.22   | cps   |
| Krypton    | 83-1  | 207      | 177      | 143      | 176      | 18.04  | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : S06 Instrumnet Name : P7  
Client Sample ID : S06 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 12:37:28 DataFile Name : 010CAL.S.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Lead       | 206-1 | 9517383   | 9571590   | 10017090  | 9702021   | 2.83   | cps   |
| Lead       | 207-1 | 8502742   | 8603401   | 8883444   | 8663196   | 2.28   | cps   |
| Lead       | 208-1 | 38368935  | 39050267  | 39957419  | 39125540  | 2.04   | cps   |
| Lithium    | 6-1   | 609267    | 626600    | 626151    | 620673    | 1.59   | cps   |
| Magnesium  | 24-2  | 10816679  | 10759005  | 10862302  | 10812662  | 0.48   | cps   |
| Manganese  | 55-2  | 9117655   | 8954125   | 8918280   | 8996687   | 1.18   | cps   |
| Molybdenum | 94-1  | 9611620   | 9898890   | 9799411   | 9769974   | 1.49   | cps   |
| Molybdenum | 95-1  | 13944235  | 14335251  | 14393271  | 14224252  | 1.72   | cps   |
| Molybdenum | 96-1  | 15240823  | 15730196  | 15679122  | 15550047  | 1.73   | cps   |
| Molybdenum | 97-1  | 8735369   | 8888575   | 9038728   | 8887557   | 1.71   | cps   |
| Molybdenum | 98-1  | 22647761  | 23292960  | 23158924  | 23033215  | 1.48   | cps   |
| Neodymium  | 150-1 | 97        | 123       | 107       | 109       | 12.37  | cps   |
| Neodymium  | 150-2 | 30        | 43        | 23        | 32        | 31.61  | cps   |
| Nickel     | 60-2  | 473432    | 467050    | 470004    | 470162    | 0.68   | cps   |
| Phosphorus | 31-2  | 74999     | 75874     | 74510     | 75128     | 0.92   | cps   |
| Potassium  | 39-2  | 7279661   | 7324714   | 7216103   | 7273493   | 0.75   | cps   |
| Rhodium    | 103-1 | 4171938   | 4213414   | 4178131   | 4187828   | 0.53   | cps   |
| Rhodium    | 103-2 | 2743459   | 2745319   | 2747424   | 2745401   | 0.07   | cps   |
| Scandium   | 45-1  | 2397235   | 2451329   | 2441687   | 2430084   | 1.19   | cps   |
| Scandium   | 45-2  | 276367    | 278306    | 276636    | 277103    | 0.38   | cps   |
| Selenium   | 82-1  | 37219     | 37758     | 37877     | 37618     | 0.93   | cps   |
| Selenium   | 77-2  | 4407      | 4527      | 4511      | 4482      | 1.45   | cps   |
| Selenium   | 78-2  | 14878     | 15271     | 14444     | 14864     | 2.78   | cps   |
| Silicon    | 28-1  | 3129474   | 3153911   | 3188694   | 3157360   | 0.94   | cps   |
| Silver     | 107-1 | 3153881   | 3206908   | 3228281   | 3196357   | 1.20   | cps   |
| Silver     | 109-1 | 3017100   | 3053524   | 3046428   | 3039017   | 0.64   | cps   |
| Sodium     | 23-2  | 18650518  | 18612656  | 18697209  | 18653461  | 0.23   | cps   |
| Strontium  | 86-1  | 20170863  | 20935871  | 20692936  | 20599890  | 1.90   | cps   |
| Strontium  | 88-1  | 176282771 | 181511991 | 180658817 | 179484526 | 1.56   | cps   |
| Sulfur     | 34-1  | 281910    | 284660    | 283234    | 283268    | 0.49   | cps   |
| Terbium    | 159-1 | 5816476   | 5876243   | 5856959   | 5849893   | 0.52   | cps   |
| Terbium    | 159-2 | 3883346   | 3937049   | 3865752   | 3895382   | 0.95   | cps   |
| Thallium   | 203-1 | 2368516   | 2426786   | 2504840   | 2433381   | 2.81   | cps   |
| Thallium   | 205-1 | 5550686   | 5733120   | 5822074   | 5701960   | 2.43   | cps   |
| Tin        | 118-1 | 2161610   | 2212235   | 2205256   | 2193034   | 1.25   | cps   |
| Titanium   | 47-1  | 3267750   | 3423825   | 3392343   | 3361306   | 2.46   | cps   |

LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

S06

Instrumnet Name :

P7

Client Sample ID :

S06

Dilution Factor :

1

Date & Time Acquired :

2024-10-30 12:37:28

DataFile Name :

010CALS.d

| Parameter | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|-------|---------|---------|---------|---------|--------|-------|
| Uranium   | 238-1 | 7510182 | 7819739 | 7934849 | 7754923 | 2.83   | cps   |
| Vanadium  | 51-2  | 1135796 | 1139690 | 1131429 | 1135638 | 0.36   | cps   |
| Yttrium   | 89-1  | 7564177 | 7661451 | 7551901 | 7592510 | 0.79   | cps   |
| Yttrium   | 89-2  | 2226543 | 2227897 | 2176138 | 2210193 | 1.33   | cps   |
| Zinc      | 66-2  | 2304785 | 2227264 | 2260327 | 2264126 | 1.72   | cps   |
| Zirconium | 90-1  | 4316687 | 4415748 | 4392686 | 4375040 | 1.18   | cps   |
| Zirconium | 91-1  | 938413  | 973949  | 980128  | 964164  | 2.34   | cps   |



LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : S07 Instrumnet Name : P7  
Client Sample ID : S07 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 12:40:14 DataFile Name : 011CAL.S.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 2557746   | 2579195   | 2540165   | 2559036   | 0.76   | cps   |
| Antimony   | 121-1 | 5408840   | 5551490   | 5498645   | 5486325   | 1.31   | cps   |
| Arsenic    | 75-2  | 342086    | 341182    | 342587    | 341952    | 0.21   | cps   |
| Barium     | 135-1 | 6792339   | 6850894   | 6815886   | 6819707   | 0.43   | cps   |
| Barium     | 137-1 | 11766665  | 11845359  | 11896875  | 11836300  | 0.55   | cps   |
| Beryllium  | 9-1   | 622826    | 636302    | 643235    | 634121    | 1.64   | cps   |
| Bismuth    | 209-1 | 3576105   | 3565428   | 3597937   | 3579823   | 0.46   | cps   |
| Bismuth    | 209-2 | 2652097   | 2629773   | 2655986   | 2645952   | 0.53   | cps   |
| Bromine    | 81-1  | 4817      | 4727      | 4627      | 4724      | 2.01   | cps   |
| Bromine    | 81-2  | 47        | 40        | 30        | 39        | 21.57  | cps   |
| Cadmium    | 108-1 | 88501     | 89400     | 89299     | 89067     | 0.55   | cps   |
| Cadmium    | 106-1 | 123181    | 127554    | 127184    | 125973    | 1.93   | cps   |
| Cadmium    | 111-1 | 1217065   | 1245798   | 1248670   | 1237178   | 1.41   | cps   |
| Calcium    | 43-1  | 1383441   | 1404859   | 1438221   | 1408840   | 1.96   | cps   |
| Calcium    | 44-1  | 21373831  | 21603034  | 21484784  | 21487216  | 0.53   | cps   |
| Carbon     | 12-1  |           |           |           |           |        | cps   |
| Carbon     | 12-2  |           |           |           |           |        | cps   |
| Chlorine   | 35-1  |           |           |           |           |        | cps   |
| Chlorine   | 35-2  |           |           |           |           |        | cps   |
| Chromium   | 52-2  | 2508459   | 2508716   | 2502662   | 2506612   | 0.14   | cps   |
| Cobalt     | 59-2  | 3801550   | 3764326   | 3741782   | 3769219   | 0.80   | cps   |
| Copper     | 63-2  | 27408875  | 26938479  | 27163023  | 27170125  | 0.87   | cps   |
| Dysprosium | 156-1 | 313       | 387       | 363       | 354       | 10.57  | cps   |
| Dysprosium | 156-2 | 400       | 353       | 447       | 400       | 11.67  | cps   |
| Erbium     | 164-1 | 90        | 93        | 93        | 92        | 2.08   | cps   |
| Erbium     | 164-2 | 63        | 73        | 37        | 58        | 32.80  | cps   |
| Gadolinium | 160-1 | 90        | 87        | 70        | 82        | 13.03  | cps   |
| Gadolinium | 160-2 | 243       | 183       | 173       | 200       | 18.93  | cps   |
| Holmium    | 165-1 | 5777061   | 5820944   | 5814672   | 5804226   | 0.41   | cps   |
| Holmium    | 165-2 | 3953971   | 3981784   | 3924690   | 3953482   | 0.72   | cps   |
| Indium     | 115-1 | 4391374   | 4415780   | 4428149   | 4411768   | 0.42   | cps   |
| Indium     | 115-2 | 1650623   | 1629653   | 1632865   | 1637714   | 0.69   | cps   |
| Iron       | 56-2  | 108003155 | 109258668 | 107710375 | 108324066 | 0.76   | cps   |
| Iron       | 57-2  | 2737334   | 2719378   | 2720068   | 2725593   | 0.37   | cps   |
| Iron       | 54-2  | 6096016   | 6085382   | 6011508   | 6064302   | 0.76   | cps   |
| Krypton    | 83-1  | 183       | 177       | 190       | 183       | 3.64   | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : S07 Instrumnet Name : P7  
Client Sample ID : S07 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 12:40:14 DataFile Name : 011CAL.S.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Lead       | 206-1 | 19956766  | 20032049  | 19888813  | 19959209  | 0.36   | cps   |
| Lead       | 207-1 | 17527981  | 17861354  | 17722959  | 17704098  | 0.95   | cps   |
| Lead       | 208-1 | 79669954  | 80334503  | 81003447  | 80335968  | 0.83   | cps   |
| Lithium    | 6-1   | 621942    | 632747    | 630135    | 628275    | 0.90   | cps   |
| Magnesium  | 24-2  | 21714599  | 21967011  | 21490866  | 21724158  | 1.10   | cps   |
| Manganese  | 55-2  | 18004347  | 18080277  | 18074891  | 18053172  | 0.23   | cps   |
| Molybdenum | 94-1  | 19547549  | 19972103  | 19760953  | 19760202  | 1.07   | cps   |
| Molybdenum | 95-1  | 28291548  | 29008625  | 28658620  | 28652931  | 1.25   | cps   |
| Molybdenum | 96-1  | 30709771  | 31890913  | 31335610  | 31312098  | 1.89   | cps   |
| Molybdenum | 97-1  | 17453128  | 18350503  | 17815127  | 17872919  | 2.53   | cps   |
| Molybdenum | 98-1  | 45991339  | 47189753  | 46237831  | 46472974  | 1.36   | cps   |
| Neodymium  | 150-1 | 233       | 213       | 190       | 212       | 10.22  | cps   |
| Neodymium  | 150-2 | 100       | 53        | 33        | 62        | 54.99  | cps   |
| Nickel     | 60-2  | 926146    | 923043    | 918399    | 922530    | 0.42   | cps   |
| Phosphorus | 31-2  | 152407    | 153104    | 150236    | 151915    | 0.98   | cps   |
| Potassium  | 39-2  | 14555111  | 14570187  | 14446311  | 14523870  | 0.47   | cps   |
| Rhodium    | 103-1 | 4148568   | 4174271   | 4130409   | 4151083   | 0.53   | cps   |
| Rhodium    | 103-2 | 2756004   | 2740108   | 2736862   | 2744325   | 0.37   | cps   |
| Scandium   | 45-1  | 2403975   | 2421269   | 2420078   | 2415107   | 0.40   | cps   |
| Scandium   | 45-2  | 280738    | 279064    | 275623    | 278475    | 0.94   | cps   |
| Selenium   | 82-1  | 73151     | 76026     | 74863     | 74680     | 1.94   | cps   |
| Selenium   | 77-2  | 8829      | 8546      | 8646      | 8674      | 1.66   | cps   |
| Selenium   | 78-2  | 29326     | 28568     | 29747     | 29213     | 2.05   | cps   |
| Silicon    | 28-1  | 5722548   | 5837350   | 5871293   | 5810397   | 1.34   | cps   |
| Silver     | 107-1 | 6284399   | 6390711   | 6332488   | 6335866   | 0.84   | cps   |
| Silver     | 109-1 | 5956436   | 6114367   | 6013114   | 6027972   | 1.33   | cps   |
| Sodium     | 23-2  | 37735845  | 37604882  | 37494969  | 37611899  | 0.32   | cps   |
| Strontium  | 86-1  | 40135244  | 41810664  | 41285188  | 41077032  | 2.09   | cps   |
| Strontium  | 88-1  | 349163688 | 362333261 | 361320061 | 357605670 | 2.05   | cps   |
| Sulfur     | 34-1  | 431663    | 435508    | 431629    | 432933    | 0.52   | cps   |
| Terbium    | 159-1 | 5954637   | 5990558   | 5980211   | 5975135   | 0.31   | cps   |
| Terbium    | 159-2 | 3997792   | 3934795   | 3949930   | 3960839   | 0.83   | cps   |
| Thallium   | 203-1 | 5019717   | 5046246   | 4983589   | 5016517   | 0.63   | cps   |
| Thallium   | 205-1 | 11749154  | 11751249  | 11802966  | 11767790  | 0.26   | cps   |
| Tin        | 118-1 | 4321923   | 4463529   | 4424818   | 4403423   | 1.66   | cps   |
| Titanium   | 47-1  | 6674686   | 6773182   | 6798344   | 6748738   | 0.97   | cps   |

LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

S07

Instrumnet Name :

P7

Client Sample ID :

S07

Dilution Factor :

1

Date & Time Acquired :

2024-10-30 12:40:14

DataFile Name :

011CALS.d

| Parameter | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|-----------|-------|----------|----------|----------|----------|--------|-------|
| Uranium   | 238-1 | 15831930 | 15935055 | 16017208 | 15928064 | 0.58   | cps   |
| Vanadium  | 51-2  | 2275837  | 2251998  | 2267822  | 2265219  | 0.54   | cps   |
| Yttrium   | 89-1  | 7553597  | 7640274  | 7515499  | 7569790  | 0.84   | cps   |
| Yttrium   | 89-2  | 2219843  | 2213583  | 2205253  | 2212893  | 0.33   | cps   |
| Zinc      | 66-2  | 4480644  | 4494717  | 4498880  | 4491414  | 0.21   | cps   |
| Zirconium | 90-1  | 8699280  | 8930092  | 8877861  | 8835745  | 1.37   | cps   |
| Zirconium | 91-1  | 1913162  | 2007670  | 1981287  | 1967373  | 2.48   | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : S08 Instrumnet Name : P7  
Client Sample ID : S08 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 12:43:00 DataFile Name : 012CAL.S.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 13443145  | 13379195  | 13266792  | 13363044  | 0.67   | cps   |
| Antimony   | 121-1 | 4607      | 4387      | 4184      | 4393      | 4.82   | cps   |
| Arsenic    | 75-2  | 247       | 217       | 193       | 219       | 12.21  | cps   |
| Barium     | 135-1 | 2964      | 2914      | 2660      | 2846      | 5.72   | cps   |
| Barium     | 137-1 | 4844      | 4928      | 4814      | 4862      | 1.21   | cps   |
| Beryllium  | 9-1   | 103       | 107       | 90        | 100       | 8.82   | cps   |
| Bismuth    | 209-1 | 3501889   | 3278847   | 3260678   | 3347138   | 4.01   | cps   |
| Bismuth    | 209-2 | 2492817   | 2484225   | 2487387   | 2488143   | 0.17   | cps   |
| Bromine    | 81-1  | 5384      | 5018      | 5154      | 5185      | 3.57   | cps   |
| Bromine    | 81-2  | 63        | 60        | 53        | 59        | 8.65   | cps   |
| Cadmium    | 108-1 | 53        | 63        | 30        | 49        | 34.99  | cps   |
| Cadmium    | 106-1 | 1113      | 1227      | 1140      | 1160      | 5.11   | cps   |
| Cadmium    | 111-1 | 1065      | 1071      | 974       | 1037      | 5.27   | cps   |
| Calcium    | 43-1  | 6459107   | 6395173   | 6262701   | 6372327   | 1.57   | cps   |
| Calcium    | 44-1  | 105820708 | 103946295 | 102377182 | 104048062 | 1.66   | cps   |
| Carbon     | 12-1  |           |           |           |           |        | cps   |
| Carbon     | 12-2  |           |           |           |           |        | cps   |
| Chlorine   | 35-1  |           |           |           |           |        | cps   |
| Chlorine   | 35-2  |           |           |           |           |        | cps   |
| Chromium   | 52-2  | 12089     | 8462      | 9775      | 10109     | 18.17  | cps   |
| Cobalt     | 59-2  | 10063     | 10707     | 10237     | 10336     | 3.22   | cps   |
| Copper     | 63-2  | 7412      | 7422      | 7459      | 7431      | 0.33   | cps   |
| Dysprosium | 156-1 | 390       | 413       | 453       | 419       | 7.65   | cps   |
| Dysprosium | 156-2 | 233       | 197       | 233       | 221       | 9.57   | cps   |
| Erbium     | 164-1 | 247       | 203       | 293       | 248       | 18.17  | cps   |
| Erbium     | 164-2 | 107       | 207       | 173       | 162       | 31.39  | cps   |
| Gadolinium | 160-1 | 177       | 180       | 170       | 176       | 2.90   | cps   |
| Gadolinium | 160-2 | 270       | 253       | 243       | 256       | 5.27   | cps   |
| Holmium    | 165-1 | 5733655   | 5724886   | 5622822   | 5693788   | 1.08   | cps   |
| Holmium    | 165-2 | 3925891   | 3905837   | 3936166   | 3922632   | 0.39   | cps   |
| Indium     | 115-1 | 4363595   | 4343202   | 4303223   | 4336673   | 0.71   | cps   |
| Indium     | 115-2 | 1644548   | 1643292   | 1637515   | 1641785   | 0.23   | cps   |
| Iron       | 56-2  | 540850845 | 540998845 | 539864499 | 540571396 | 0.11   | cps   |
| Iron       | 57-2  | 13711663  | 13516599  | 13635928  | 13621396  | 0.72   | cps   |
| Iron       | 54-2  | 30097305  | 30177415  | 29873200  | 30049307  | 0.52   | cps   |
| Krypton    | 83-1  | 177       | 167       | 213       | 186       | 13.24  | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : S08 Instrumnet Name : P7  
Client Sample ID : S08 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 12:43:00 DataFile Name : 012CALS.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Lead       | 206-1 | 4037      | 4054      | 3801      | 3964      | 3.58   | cps   |
| Lead       | 207-1 | 3397      | 3611      | 3400      | 3469      | 3.52   | cps   |
| Lead       | 208-1 | 15764     | 15700     | 15374     | 15613     | 1.34   | cps   |
| Lithium    | 6-1   | 640903    | 618328    | 610399    | 623210    | 2.54   | cps   |
| Magnesium  | 24-2  | 113105315 | 112309358 | 112884722 | 112766465 | 0.36   | cps   |
| Manganese  | 55-2  | 9670      | 9566      | 9643      | 9626      | 0.56   | cps   |
| Molybdenum | 94-1  | 4854      | 4424      | 4221      | 4500      | 7.19   | cps   |
| Molybdenum | 95-1  | 4384      | 4121      | 4024      | 4176      | 4.46   | cps   |
| Molybdenum | 96-1  | 8983      | 8953      | 8889      | 8942      | 0.53   | cps   |
| Molybdenum | 97-1  | 2627      | 2547      | 2507      | 2560      | 2.39   | cps   |
| Molybdenum | 98-1  | 6778      | 6081      | 6135      | 6331      | 6.13   | cps   |
| Neodymium  | 150-1 | 127       | 100       | 90        | 106       | 17.96  | cps   |
| Neodymium  | 150-2 | 63        | 47        | 87        | 66        | 30.65  | cps   |
| Nickel     | 60-2  | 4554      | 4677      | 4451      | 4561      | 2.49   | cps   |
| Phosphorus | 31-2  | 177       | 187       | 160       | 174       | 7.72   | cps   |
| Potassium  | 39-2  | 75138162  | 75035679  | 74303057  | 74825633  | 0.61   | cps   |
| Rhodium    | 103-1 | 3856128   | 3846443   | 3978469   | 3893680   | 1.89   | cps   |
| Rhodium    | 103-2 | 2585940   | 2614117   | 2638557   | 2612872   | 1.01   | cps   |
| Scandium   | 45-1  | 2488872   | 2418788   | 2382352   | 2430004   | 2.23   | cps   |
| Scandium   | 45-2  | 285270    | 285865    | 284163    | 285100    | 0.30   | cps   |
| Selenium   | 82-1  | 294       | 335       | 281       | 303       | 9.31   | cps   |
| Selenium   | 77-2  | 0         | 3         | 0         | 1         | 173.21 | cps   |
| Selenium   | 78-2  | 357       | 337       | 380       | 358       | 6.06   | cps   |
| Silicon    | 28-1  | 233685    | 230224    | 224336    | 229415    | 2.06   | cps   |
| Silver     | 107-1 | 900       | 677       | 687       | 754       | 16.72  | cps   |
| Silver     | 109-1 | 757       | 757       | 617       | 710       | 11.38  | cps   |
| Sodium     | 23-2  | 190290551 | 192010230 | 190190251 | 190830344 | 0.54   | cps   |
| Strontium  | 86-1  | 7178      | 6728      | 6762      | 6889      | 3.64   | cps   |
| Strontium  | 88-1  | 60711     | 56424     | 54356     | 57164     | 5.67   | cps   |
| Sulfur     | 34-1  | 120487    | 124065    | 129900    | 124817    | 3.81   | cps   |
| Terbium    | 159-1 | 5916201   | 6015231   | 6139647   | 6023693   | 1.86   | cps   |
| Terbium    | 159-2 | 3911944   | 3953422   | 3883835   | 3916400   | 0.89   | cps   |
| Thallium   | 203-1 | 687       | 710       | 707       | 701       | 1.80   | cps   |
| Thallium   | 205-1 | 1763      | 1573      | 1420      | 1586      | 10.85  | cps   |
| Tin        | 118-1 | 3370      | 3387      | 3310      | 3356      | 1.20   | cps   |
| Titanium   | 47-1  | 1033      | 993       | 1007      | 1011      | 2.01   | cps   |

LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

S08

Instrumnet Name :

P7

Client Sample ID :

S08

Dilution Factor :

1

Date & Time Acquired :

2024-10-30 12:43:00

DataFile Name :

012CALS.d

| Parameter | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|-------|---------|---------|---------|---------|--------|-------|
| Uranium   | 238-1 | 963     | 837     | 727     | 842     | 14.06  | cps   |
| Vanadium  | 51-2  | 517     | 493     | 577     | 529     | 8.13   | cps   |
| Yttrium   | 89-1  | 7654278 | 7319435 | 7336291 | 7436668 | 2.54   | cps   |
| Yttrium   | 89-2  | 2182479 | 2248519 | 2239357 | 2223451 | 1.61   | cps   |
| Zinc      | 66-2  | 4517    | 4501    | 4571    | 4530    | 0.81   | cps   |
| Zirconium | 90-1  | 5061    | 5074    | 4868    | 5001    | 2.31   | cps   |
| Zirconium | 91-1  | 1060    | 1113    | 1020    | 1064    | 4.40   | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : ICV007 Instrumnet Name : P7  
Client Sample ID : ICV007 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 12:59:56 DataFile Name : 013ICV.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 65228   | 64729   | 66108   | 65355   | 1.07   | cps   |
| Antimony   | 121-1 | 978011  | 999299  | 1004911 | 994074  | 1.43   | cps   |
| Arsenic    | 75-2  | 70490   | 69569   | 70148   | 70069   | 0.66   | cps   |
| Barium     | 135-1 | 115174  | 118492  | 119080  | 117582  | 1.79   | cps   |
| Barium     | 137-1 | 200837  | 204229  | 206219  | 203762  | 1.34   | cps   |
| Beryllium  | 9-1   | 59145   | 60156   | 60404   | 59902   | 1.11   | cps   |
| Bismuth    | 209-1 | 3285049 | 3224028 | 3207046 | 3238708 | 1.27   | cps   |
| Bismuth    | 209-2 | 2531186 | 2584525 | 2203542 | 2439751 | 8.46   | cps   |
| Bromine    | 81-1  | 4787    | 4998    | 4948    | 4911    | 2.23   | cps   |
| Bromine    | 81-2  | 63      | 50      | 67      | 60      | 14.70  | cps   |
| Cadmium    | 108-1 | 7802    | 8079    | 7932    | 7938    | 1.74   | cps   |
| Cadmium    | 106-1 | 11875   | 12095   | 12022   | 11997   | 0.93   | cps   |
| Cadmium    | 111-1 | 119217  | 123042  | 124851  | 122370  | 2.35   | cps   |
| Calcium    | 43-1  | 24657   | 26176   | 26022   | 25618   | 3.26   | cps   |
| Calcium    | 44-1  | 420200  | 434609  | 433190  | 429333  | 1.85   | cps   |
| Carbon     | 12-1  |         |         |         |         |        | cps   |
| Carbon     | 12-2  |         |         |         |         |        | cps   |
| Chlorine   | 35-1  |         |         |         |         |        | cps   |
| Chlorine   | 35-2  |         |         |         |         |        | cps   |
| Chromium   | 52-2  | 263901  | 261847  | 264397  | 263382  | 0.51   | cps   |
| Cobalt     | 59-2  | 391255  | 386702  | 393862  | 390607  | 0.93   | cps   |
| Copper     | 63-2  | 266505  | 262631  | 267032  | 265390  | 0.91   | cps   |
| Dysprosium | 156-1 | 130     | 223     | 197     | 183     | 26.22  | cps   |
| Dysprosium | 156-2 | 53      | 67      | 47      | 56      | 18.33  | cps   |
| Erbium     | 164-1 | 47      | 37      | 50      | 44      | 15.61  | cps   |
| Erbium     | 164-2 | 17      | 37      | 17      | 23      | 49.48  | cps   |
| Gadolinium | 160-1 | 10      | 17      | 33      | 20      | 60.08  | cps   |
| Gadolinium | 160-2 | 123     | 157     | 157     | 146     | 13.22  | cps   |
| Holmium    | 165-1 | 5270233 | 5342463 | 5298332 | 5303676 | 0.69   | cps   |
| Holmium    | 165-2 | 3753371 | 3781908 | 3204223 | 3579834 | 9.10   | cps   |
| Indium     | 115-1 | 4371832 | 4440323 | 4326269 | 4379475 | 1.31   | cps   |
| Indium     | 115-2 | 1688297 | 1713157 | 1377347 | 1592934 | 11.75  | cps   |
| Iron       | 56-2  | 4401318 | 4339476 | 4387349 | 4376048 | 0.74   | cps   |
| Iron       | 57-2  | 114210  | 114478  | 115672  | 114787  | 0.68   | cps   |
| Iron       | 54-2  | 261010  | 258073  | 261080  | 260054  | 0.66   | cps   |
| Krypton    | 83-1  | 233     | 167     | 170     | 190     | 19.77  | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : ICV007 Instrumnet Name : P7  
Client Sample ID : ICV007 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 12:59:56 DataFile Name : 013ICV.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Lead       | 206-1 | 685838  | 699959  | 702917  | 696238  | 1.31   | cps   |
| Lead       | 207-1 | 580729  | 591467  | 594513  | 588903  | 1.23   | cps   |
| Lead       | 208-1 | 2680637 | 2727955 | 2755106 | 2721232 | 1.38   | cps   |
| Lithium    | 6-1   | 560382  | 555366  | 554832  | 556860  | 0.55   | cps   |
| Magnesium  | 24-2  | 270944  | 269378  | 273581  | 271301  | 0.78   | cps   |
| Manganese  | 55-2  | 188582  | 185741  | 187877  | 187400  | 0.79   | cps   |
| Molybdenum | 94-1  | 407     | 483     | 450     | 447     | 8.61   | cps   |
| Molybdenum | 95-1  | 223     | 220     | 197     | 213     | 6.81   | cps   |
| Molybdenum | 96-1  | 390     | 423     | 347     | 387     | 9.94   | cps   |
| Molybdenum | 97-1  | 100     | 167     | 143     | 137     | 24.75  | cps   |
| Molybdenum | 98-1  | 417     | 333     | 407     | 386     | 11.80  | cps   |
| Neodymium  | 150-1 | 13      | 13      | 13      | 13      | 0.00   | cps   |
| Neodymium  | 150-2 | 7       | 0       | 3       | 3       | 100.05 | cps   |
| Nickel     | 60-2  | 100353  | 98038   | 100574  | 99655   | 1.41   | cps   |
| Phosphorus | 31-2  | 127     | 130     | 143     | 133     | 6.62   | cps   |
| Potassium  | 39-2  | 692409  | 686241  | 691266  | 689972  | 0.48   | cps   |
| Rhodium    | 103-1 | 4149989 | 4189886 | 4099126 | 4146334 | 1.10   | cps   |
| Rhodium    | 103-2 | 2852519 | 2824061 | 2436772 | 2704451 | 8.59   | cps   |
| Scandium   | 45-1  | 2395623 | 2480240 | 2412720 | 2429528 | 1.84   | cps   |
| Scandium   | 45-2  | 286783  | 282571  | 244470  | 271274  | 8.59   | cps   |
| Selenium   | 82-1  | 15290   | 15853   | 15647   | 15597   | 1.83   | cps   |
| Selenium   | 77-2  | 1807    | 1887    | 1730    | 1808    | 4.33   | cps   |
| Selenium   | 78-2  | 6405    | 6632    | 6548    | 6528    | 1.76   | cps   |
| Silicon    | 28-1  | 185857  | 190727  | 190540  | 189041  | 1.46   | cps   |
| Silver     | 107-1 | 282457  | 291880  | 295755  | 290031  | 2.36   | cps   |
| Silver     | 109-1 | 267121  | 277735  | 279627  | 274828  | 2.45   | cps   |
| Sodium     | 23-2  | 806098  | 796038  | 802483  | 801540  | 0.64   | cps   |
| Strontium  | 86-1  | 867     | 857     | 813     | 846     | 3.35   | cps   |
| Strontium  | 88-1  | 4981    | 5134    | 4978    | 5031    | 1.78   | cps   |
| Sulfur     | 34-1  | 138544  | 139533  | 137955  | 138677  | 0.57   | cps   |
| Terbium    | 159-1 | 5493080 | 5579623 | 5536586 | 5536430 | 0.78   | cps   |
| Terbium    | 159-2 | 3800033 | 3703068 | 3283684 | 3595595 | 7.63   | cps   |
| Thallium   | 203-1 | 842101  | 861655  | 857087  | 853614  | 1.20   | cps   |
| Thallium   | 205-1 | 2298442 | 2340259 | 2330792 | 2323164 | 0.94   | cps   |
| Tin        | 118-1 | 1440    | 1413    | 1413    | 1422    | 1.08   | cps   |
| Titanium   | 47-1  | 163     | 103     | 147     | 138     | 22.48  | cps   |



LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : ICV007 Instrumnet Name : P7  
Client Sample ID : ICV007 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 12:59:56 DataFile Name : 013ICV.d

| Parameter | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|-------|---------|---------|---------|---------|--------|-------|
| Uranium   | 238-1 | 93      | 70      | 73      | 79      | 16.00  | cps   |
| Vanadium  | 51-2  | 229522  | 226150  | 229371  | 228348  | 0.83   | cps   |
| Yttrium   | 89-1  | 7401222 | 7365537 | 7404923 | 7390561 | 0.29   | cps   |
| Yttrium   | 89-2  | 2242943 | 2234955 | 1914311 | 2130737 | 8.80   | cps   |
| Zinc      | 66-2  | 90230   | 89375   | 90620   | 90075   | 0.71   | cps   |
| Zirconium | 90-1  | 793     | 733     | 720     | 749     | 5.22   | cps   |
| Zirconium | 91-1  | 237     | 237     | 180     | 218     | 15.02  | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : ICB007 Instrumnet Name : P7  
Client Sample ID : ICB007 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 13:04:17 DataFile Name : 014CCBE.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 260     | 273     | 193     | 242     | 17.69  | cps   |
| Antimony   | 121-1 | 377     | 400     | 537     | 438     | 19.74  | cps   |
| Arsenic    | 75-2  | 13      | 20      | 13      | 16      | 24.76  | cps   |
| Barium     | 135-1 | 77      | 97      | 63      | 79      | 21.27  | cps   |
| Barium     | 137-1 | 153     | 157     | 123     | 144     | 12.71  | cps   |
| Beryllium  | 9-1   | 27      | 30      | 17      | 24      | 28.38  | cps   |
| Bismuth    | 209-1 | 3449235 | 3512337 | 3451670 | 3471081 | 1.03   | cps   |
| Bismuth    | 209-2 | 2730285 | 2628387 | 2658483 | 2672385 | 1.96   | cps   |
| Bromine    | 81-1  | 5548    | 5398    | 5661    | 5536    | 2.39   | cps   |
| Bromine    | 81-2  | 120     | 100     | 97      | 106     | 11.95  | cps   |
| Cadmium    | 108-1 | 7       | 3       | 7       | 6       | 34.70  | cps   |
| Cadmium    | 106-1 | 1063    | 1197    | 950     | 1070    | 11.54  | cps   |
| Cadmium    | 111-1 | 773     | 865     | 697     | 778     | 10.83  | cps   |
| Calcium    | 43-1  | 177     | 150     | 207     | 178     | 15.95  | cps   |
| Calcium    | 44-1  | 11725   | 11928   | 11651   | 11768   | 1.22   | cps   |
| Carbon     | 12-1  |         |         |         |         |        | cps   |
| Carbon     | 12-2  |         |         |         |         |        | cps   |
| Chlorine   | 35-1  |         |         |         |         |        | cps   |
| Chlorine   | 35-2  |         |         |         |         |        | cps   |
| Chromium   | 52-2  | 537     | 513     | 507     | 519     | 3.04   | cps   |
| Cobalt     | 59-2  | 90      | 100     | 93      | 94      | 5.39   | cps   |
| Copper     | 63-2  | 1123    | 1283    | 1090    | 1166    | 8.87   | cps   |
| Dysprosium | 156-1 | 173     | 173     | 150     | 166     | 8.14   | cps   |
| Dysprosium | 156-2 | 57      | 63      | 43      | 54      | 18.71  | cps   |
| Erbium     | 164-1 | 43      | 23      | 47      | 38      | 33.41  | cps   |
| Erbium     | 164-2 | 7       | 40      | 27      | 24      | 68.62  | cps   |
| Gadolinium | 160-1 | 17      | 27      | 13      | 19      | 36.75  | cps   |
| Gadolinium | 160-2 | 170     | 107     | 167     | 148     | 24.12  | cps   |
| Holmium    | 165-1 | 5572954 | 5723361 | 5462808 | 5586374 | 2.34   | cps   |
| Holmium    | 165-2 | 3872248 | 3819081 | 3789915 | 3827081 | 1.09   | cps   |
| Indium     | 115-1 | 4625827 | 4697599 | 4574810 | 4632745 | 1.33   | cps   |
| Indium     | 115-2 | 1726768 | 1728554 | 1750226 | 1735183 | 0.75   | cps   |
| Iron       | 56-2  | 11334   | 11178   | 10978   | 11163   | 1.60   | cps   |
| Iron       | 57-2  | 2740    | 2677    | 2874    | 2764    | 3.63   | cps   |
| Iron       | 54-2  | 1373    | 1470    | 1220    | 1355    | 9.31   | cps   |
| Krypton    | 83-1  | 133     | 170     | 207     | 170     | 21.57  | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : ICB007 Instrumnet Name : P7  
Client Sample ID : ICB007 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 13:04:17 DataFile Name : 014CCBE.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Lead       | 206-1 | 487     | 420     | 453     | 453     | 7.35   | cps   |
| Lead       | 207-1 | 387     | 393     | 377     | 386     | 2.17   | cps   |
| Lead       | 208-1 | 1737    | 1677    | 1777    | 1730    | 2.91   | cps   |
| Lithium    | 6-1   | 597851  | 582982  | 587032  | 589288  | 1.30   | cps   |
| Magnesium  | 24-2  | 757     | 690     | 790     | 746     | 6.83   | cps   |
| Manganese  | 55-2  | 323     | 350     | 323     | 332     | 4.63   | cps   |
| Molybdenum | 94-1  | 190     | 193     | 233     | 206     | 11.73  | cps   |
| Molybdenum | 95-1  | 163     | 147     | 153     | 154     | 5.43   | cps   |
| Molybdenum | 96-1  | 203     | 190     | 210     | 201     | 5.06   | cps   |
| Molybdenum | 97-1  | 127     | 77      | 143     | 116     | 30.02  | cps   |
| Molybdenum | 98-1  | 243     | 237     | 233     | 238     | 2.14   | cps   |
| Neodymium  | 150-1 | 0       | 3       | 7       | 3       | 100.05 | cps   |
| Neodymium  | 150-2 | 7       | 0       | 3       | 3       | 100.05 | cps   |
| Nickel     | 60-2  | 77      | 117     | 97      | 97      | 20.69  | cps   |
| Phosphorus | 31-2  | 130     | 123     | 127     | 127     | 2.63   | cps   |
| Potassium  | 39-2  | 79406   | 79921   | 80166   | 79831   | 0.49   | cps   |
| Rhodium    | 103-1 | 4492818 | 4365284 | 4349686 | 4402596 | 1.78   | cps   |
| Rhodium    | 103-2 | 2938419 | 2909242 | 2904505 | 2917388 | 0.63   | cps   |
| Scandium   | 45-1  | 2580692 | 2560638 | 2506866 | 2549399 | 1.50   | cps   |
| Scandium   | 45-2  | 296685  | 293205  | 291170  | 293687  | 0.95   | cps   |
| Selenium   | 82-1  | 302     | 207     | 198     | 236     | 24.56  | cps   |
| Selenium   | 77-2  | 3       | 3       | 3       | 3       | 0.00   | cps   |
| Selenium   | 78-2  | 277     | 333     | 347     | 319     | 11.66  | cps   |
| Silicon    | 28-1  | 178255  | 177898  | 180252  | 178802  | 0.71   | cps   |
| Silver     | 107-1 | 203     | 180     | 147     | 177     | 16.12  | cps   |
| Silver     | 109-1 | 123     | 127     | 160     | 137     | 14.84  | cps   |
| Sodium     | 23-2  | 38184   | 37719   | 37068   | 37657   | 1.49   | cps   |
| Strontium  | 86-1  | 480     | 477     | 437     | 464     | 5.19   | cps   |
| Strontium  | 88-1  | 1367    | 1323    | 1377    | 1356    | 2.09   | cps   |
| Sulfur     | 34-1  | 138454  | 138497  | 137653  | 138201  | 0.34   | cps   |
| Terbium    | 159-1 | 5821565 | 5869990 | 5729463 | 5807006 | 1.23   | cps   |
| Terbium    | 159-2 | 3891477 | 3879159 | 3891909 | 3887515 | 0.19   | cps   |
| Thallium   | 203-1 | 297     | 313     | 250     | 287     | 11.45  | cps   |
| Thallium   | 205-1 | 650     | 683     | 560     | 631     | 10.11  | cps   |
| Tin        | 118-1 | 1290    | 1367    | 1303    | 1320    | 3.10   | cps   |
| Titanium   | 47-1  | 87      | 113     | 117     | 106     | 15.58  | cps   |

LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

ICB007

Instrumnet Name :

P7

Client Sample ID :

ICB007

Dilution Factor :

1

Date & Time Acquired :

2024-10-30 13:04:17

DataFile Name :

014CCBE.d

| Parameter | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|-------|---------|---------|---------|---------|--------|-------|
| Uranium   | 238-1 | 70      | 63      | 67      | 67      | 5.00   | cps   |
| Vanadium  | 51-2  | 17      | 20      | 13      | 17      | 20.01  | cps   |
| Yttrium   | 89-1  | 7866938 | 7756231 | 7705743 | 7776304 | 1.06   | cps   |
| Yttrium   | 89-2  | 2323606 | 2287008 | 2289616 | 2300076 | 0.89   | cps   |
| Zinc      | 66-2  | 413     | 447     | 417     | 426     | 4.31   | cps   |
| Zirconium | 90-1  | 300     | 227     | 257     | 261     | 14.12  | cps   |
| Zirconium | 91-1  | 63      | 70      | 60      | 64      | 7.90   | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : ICSA007 Instrumnet Name : P7  
Client Sample ID : ICSA007 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 13:07:36 DataFile Name : 015ICSA.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 12260081  | 12271451  | 12238714  | 12256749  | 0.14   | cps   |
| Antimony   | 121-1 | 5781      | 5705      | 6015      | 5833      | 2.77   | cps   |
| Arsenic    | 75-2  | 157       | 180       | 127       | 154       | 17.31  | cps   |
| Barium     | 135-1 | 1823      | 1803      | 2074      | 1900      | 7.92   | cps   |
| Barium     | 137-1 | 3204      | 3410      | 3247      | 3287      | 3.32   | cps   |
| Beryllium  | 9-1   | 177       | 197       | 240       | 204       | 15.83  | cps   |
| Bismuth    | 209-1 | 3277370   | 3319660   | 3293957   | 3296995   | 0.65   | cps   |
| Bismuth    | 209-2 | 2552550   | 2573278   | 2560645   | 2562158   | 0.41   | cps   |
| Bromine    | 81-1  | 5198      | 5214      | 5224      | 5212      | 0.26   | cps   |
| Bromine    | 81-2  | 107       | 97        | 93        | 99        | 7.02   | cps   |
| Cadmium    | 108-1 | 473       | 453       | 370       | 432       | 12.68  | cps   |
| Cadmium    | 106-1 | 1077      | 973       | 1017      | 1022      | 5.08   | cps   |
| Cadmium    | 111-1 | 972       | 951       | 956       | 960       | 1.18   | cps   |
| Calcium    | 43-1  | 1242424   | 1248147   | 1236713   | 1242428   | 0.46   | cps   |
| Calcium    | 44-1  | 19939213  | 20223123  | 20223205  | 20128514  | 0.81   | cps   |
| Carbon     | 12-1  |           |           |           |           |        | cps   |
| Carbon     | 12-2  |           |           |           |           |        | cps   |
| Chlorine   | 35-1  |           |           |           |           |        | cps   |
| Chlorine   | 35-2  |           |           |           |           |        | cps   |
| Chromium   | 52-2  | 51906     | 53070     | 51702     | 52226     | 1.41   | cps   |
| Cobalt     | 59-2  | 4814      | 4797      | 4731      | 4781      | 0.92   | cps   |
| Copper     | 63-2  | 21773     | 21452     | 21282     | 21502     | 1.16   | cps   |
| Dysprosium | 156-1 | 150       | 157       | 127       | 144       | 10.91  | cps   |
| Dysprosium | 156-2 | 57        | 77        | 57        | 63        | 18.23  | cps   |
| Erbium     | 164-1 | 70        | 43        | 73        | 62        | 26.43  | cps   |
| Erbium     | 164-2 | 50        | 27        | 43        | 40        | 30.04  | cps   |
| Gadolinium | 160-1 | 37        | 37        | 43        | 39        | 9.89   | cps   |
| Gadolinium | 160-2 | 160       | 153       | 147       | 153       | 4.35   | cps   |
| Holmium    | 165-1 | 5557798   | 5659233   | 5806780   | 5674604   | 2.21   | cps   |
| Holmium    | 165-2 | 3921583   | 3849697   | 3952294   | 3907858   | 1.35   | cps   |
| Indium     | 115-1 | 4337233   | 4448507   | 4492766   | 4426168   | 1.81   | cps   |
| Indium     | 115-2 | 1667320   | 1650251   | 1650609   | 1656060   | 0.59   | cps   |
| Iron       | 56-2  | 219815997 | 218900590 | 218089957 | 218935515 | 0.39   | cps   |
| Iron       | 57-2  | 5501103   | 5471355   | 5515655   | 5496038   | 0.41   | cps   |
| Iron       | 54-2  | 12246434  | 12069644  | 12089528  | 12135202  | 0.80   | cps   |
| Krypton    | 83-1  | 160       | 147       | 200       | 169       | 16.43  | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : ICSA007 Instrumnet Name : P7  
Client Sample ID : ICSA007 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 13:07:36 DataFile Name : 015ICSA.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Lead       | 206-1 | 15269    | 15552    | 16330    | 15717    | 3.50   | cps   |
| Lead       | 207-1 | 12212    | 12783    | 12996    | 12664    | 3.20   | cps   |
| Lead       | 208-1 | 57594    | 59006    | 61140    | 59247    | 3.01   | cps   |
| Lithium    | 6-1   | 567215   | 574874   | 578625   | 573572   | 1.01   | cps   |
| Magnesium  | 24-2  | 21939201 | 21784282 | 22043527 | 21922337 | 0.60   | cps   |
| Manganese  | 55-2  | 16509    | 16316    | 16522    | 16449    | 0.70   | cps   |
| Molybdenum | 94-1  | 2860993  | 2884728  | 2874787  | 2873503  | 0.41   | cps   |
| Molybdenum | 95-1  | 4843179  | 4981576  | 5081342  | 4968699  | 2.41   | cps   |
| Molybdenum | 96-1  | 5254597  | 5409297  | 5528776  | 5397557  | 2.55   | cps   |
| Molybdenum | 97-1  | 3088312  | 3209744  | 3295365  | 3197807  | 3.25   | cps   |
| Molybdenum | 98-1  | 7912034  | 8200253  | 8300994  | 8137761  | 2.48   | cps   |
| Neodymium  | 150-1 | 27       | 13       | 23       | 21       | 32.88  | cps   |
| Neodymium  | 150-2 | 17       | 17       | 13       | 16       | 12.40  | cps   |
| Nickel     | 60-2  | 5371     | 5544     | 5208     | 5374     | 3.13   | cps   |
| Phosphorus | 31-2  | 782294   | 785835   | 784105   | 784078   | 0.23   | cps   |
| Potassium  | 39-2  | 29360345 | 28774781 | 28945667 | 29026931 | 1.04   | cps   |
| Rhodium    | 103-1 | 4015226  | 4066527  | 4080669  | 4054141  | 0.85   | cps   |
| Rhodium    | 103-2 | 2703649  | 2717071  | 2757337  | 2726019  | 1.02   | cps   |
| Scandium   | 45-1  | 2456220  | 2458658  | 2429369  | 2448082  | 0.66   | cps   |
| Scandium   | 45-2  | 283217   | 282039   | 281956   | 282404   | 0.25   | cps   |
| Selenium   | 82-1  | 230      | 256      | 220      | 235      | 7.89   | cps   |
| Selenium   | 77-2  | 3        | 7        | 0        | 3        | 100.05 | cps   |
| Selenium   | 78-2  | 347      | 380      | 323      | 350      | 8.14   | cps   |
| Silicon    | 28-1  | 220139   | 222798   | 222800   | 221912   | 0.69   | cps   |
| Silver     | 107-1 | 470      | 393      | 380      | 414      | 11.72  | cps   |
| Silver     | 109-1 | 467      | 363      | 300      | 377      | 22.34  | cps   |
| Sodium     | 23-2  | 37805408 | 37559121 | 37511598 | 37625376 | 0.42   | cps   |
| Strontium  | 86-1  | 55332    | 55548    | 54885    | 55255    | 0.61   | cps   |
| Strontium  | 88-1  | 478263   | 484886   | 490891   | 484680   | 1.30   | cps   |
| Sulfur     | 34-1  | 1648188  | 1703575  | 1672200  | 1674654  | 1.66   | cps   |
| Terbium    | 159-1 | 5740204  | 5798901  | 5782640  | 5773915  | 0.52   | cps   |
| Terbium    | 159-2 | 3881150  | 3895570  | 3859481  | 3878734  | 0.47   | cps   |
| Thallium   | 203-1 | 620      | 660      | 757      | 679      | 10.35  | cps   |
| Thallium   | 205-1 | 1287     | 1500     | 1470     | 1419     | 8.14   | cps   |
| Tin        | 118-1 | 1913     | 2140     | 1873     | 1976     | 7.28   | cps   |
| Titanium   | 47-1  | 1219682  | 1236803  | 1236643  | 1231043  | 0.80   | cps   |

LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

ICSA007

Instrumnet Name :

P7

Client Sample ID :

ICSA007

Dilution Factor :

1

Date & Time Acquired :

2024-10-30 13:07:36

DataFile Name :

015ICSA.d

| Parameter | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|-------|---------|---------|---------|---------|--------|-------|
| Uranium   | 238-1 | 240     | 310     | 303     | 284     | 13.58  | cps   |
| Vanadium  | 51-2  | 397     | 460     | 417     | 424     | 7.63   | cps   |
| Yttrium   | 89-1  | 7430028 | 7418176 | 7562090 | 7470098 | 1.07   | cps   |
| Yttrium   | 89-2  | 2244345 | 2207959 | 2259865 | 2237390 | 1.19   | cps   |
| Zinc      | 66-2  | 6131    | 6158    | 6088    | 6126    | 0.58   | cps   |
| Zirconium | 90-1  | 577     | 443     | 440     | 487     | 16.02  | cps   |
| Zirconium | 91-1  | 137     | 143     | 140     | 140     | 2.38   | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : ICSAB007 Instrumnet Name : P7  
Client Sample ID : ICSAB007 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 13:10:40 DataFile Name : 016ICSB.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 11564378  | 11565304  | 11495212  | 11541631  | 0.35   | cps   |
| Antimony   | 121-1 | 109828    | 111071    | 111354    | 110751    | 0.73   | cps   |
| Arsenic    | 75-2  | 6805      | 7068      | 7108      | 6994      | 2.36   | cps   |
| Barium     | 135-1 | 26802     | 27026     | 27507     | 27111     | 1.33   | cps   |
| Barium     | 137-1 | 45934     | 46583     | 45901     | 46139     | 0.83   | cps   |
| Beryllium  | 9-1   | 12355     | 12609     | 12158     | 12374     | 1.82   | cps   |
| Bismuth    | 209-1 | 3569737   | 3496312   | 3298868   | 3454972   | 4.05   | cps   |
| Bismuth    | 209-2 | 2754847   | 2655684   | 2655382   | 2688638   | 2.13   | cps   |
| Bromine    | 81-1  | 5274      | 5351      | 5444      | 5357      | 1.59   | cps   |
| Bromine    | 81-2  | 130       | 153       | 120       | 134       | 12.73  | cps   |
| Cadmium    | 108-1 | 2034      | 2057      | 1930      | 2007      | 3.36   | cps   |
| Cadmium    | 106-1 | 3360      | 3277      | 3237      | 3292      | 1.91   | cps   |
| Cadmium    | 111-1 | 25009     | 25241     | 26154     | 25468     | 2.38   | cps   |
| Calcium    | 43-1  | 1237430   | 1175189   | 1193242   | 1201953   | 2.66   | cps   |
| Calcium    | 44-1  | 19339363  | 19391450  | 19459381  | 19396731  | 0.31   | cps   |
| Carbon     | 12-1  |           |           |           |           |        | cps   |
| Carbon     | 12-2  |           |           |           |           |        | cps   |
| Chlorine   | 35-1  |           |           |           |           |        | cps   |
| Chlorine   | 35-2  |           |           |           |           |        | cps   |
| Chromium   | 52-2  | 102143    | 100864    | 100072    | 101026    | 1.03   | cps   |
| Cobalt     | 59-2  | 80424     | 78919     | 78601     | 79315     | 1.23   | cps   |
| Copper     | 63-2  | 71607     | 71158     | 71175     | 71313     | 0.36   | cps   |
| Dysprosium | 156-1 | 167       | 150       | 167       | 161       | 5.97   | cps   |
| Dysprosium | 156-2 | 77        | 77        | 57        | 70        | 16.49  | cps   |
| Erbium     | 164-1 | 80        | 90        | 50        | 73        | 28.39  | cps   |
| Erbium     | 164-2 | 33        | 40        | 37        | 37        | 9.10   | cps   |
| Gadolinium | 160-1 | 27        | 37        | 47        | 37        | 27.27  | cps   |
| Gadolinium | 160-2 | 193       | 160       | 160       | 171       | 11.25  | cps   |
| Holmium    | 165-1 | 5991730   | 5983952   | 5561153   | 5845612   | 4.21   | cps   |
| Holmium    | 165-2 | 4057693   | 3966343   | 4026086   | 4016707   | 1.15   | cps   |
| Indium     | 115-1 | 4696488   | 4613746   | 4301298   | 4537177   | 4.59   | cps   |
| Indium     | 115-2 | 1731989   | 1723967   | 1733432   | 1729796   | 0.29   | cps   |
| Iron       | 56-2  | 208600237 | 207176770 | 205452524 | 207076510 | 0.76   | cps   |
| Iron       | 57-2  | 5252953   | 5144833   | 5132045   | 5176610   | 1.28   | cps   |
| Iron       | 54-2  | 11625957  | 11510156  | 11424172  | 11520095  | 0.88   | cps   |
| Krypton    | 83-1  | 173       | 193       | 190       | 186       | 5.77   | cps   |



LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : ICSAB007 Instrumnet Name : P7  
Client Sample ID : ICSAB007 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 13:10:40 DataFile Name : 016ICSB.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Lead       | 206-1 | 88754    | 91382    | 90767    | 90301    | 1.52   | cps   |
| Lead       | 207-1 | 76349    | 76494    | 77010    | 76618    | 0.45   | cps   |
| Lead       | 208-1 | 348349   | 351101   | 353181   | 350877   | 0.69   | cps   |
| Lithium    | 6-1   | 603277   | 592448   | 560673   | 585466   | 3.78   | cps   |
| Magnesium  | 24-2  | 20822374 | 20705882 | 20577847 | 20702034 | 0.59   | cps   |
| Manganese  | 55-2  | 51230    | 50615    | 50223    | 50690    | 1.00   | cps   |
| Molybdenum | 94-1  | 2718289  | 2803108  | 2763261  | 2761553  | 1.54   | cps   |
| Molybdenum | 95-1  | 4752477  | 4865552  | 4842081  | 4820037  | 1.24   | cps   |
| Molybdenum | 96-1  | 5083141  | 5180103  | 5189770  | 5151005  | 1.14   | cps   |
| Molybdenum | 97-1  | 2982700  | 3077151  | 2982684  | 3014179  | 1.81   | cps   |
| Molybdenum | 98-1  | 7768566  | 7845592  | 7761055  | 7791737  | 0.60   | cps   |
| Neodymium  | 150-1 | 37       | 20       | 10       | 22       | 60.63  | cps   |
| Neodymium  | 150-2 | 23       | 13       | 13       | 17       | 34.65  | cps   |
| Nickel     | 60-2  | 24009    | 23912    | 24056    | 23993    | 0.31   | cps   |
| Phosphorus | 31-2  | 751917   | 743033   | 740820   | 745257   | 0.79   | cps   |
| Potassium  | 39-2  | 27718436 | 27465705 | 27585885 | 27590008 | 0.46   | cps   |
| Rhodium    | 103-1 | 4389619  | 4270155  | 3960100  | 4206624  | 5.27   | cps   |
| Rhodium    | 103-2 | 2884100  | 2833359  | 2862818  | 2860092  | 0.89   | cps   |
| Scandium   | 45-1  | 2558129  | 2539603  | 2382870  | 2493534  | 3.86   | cps   |
| Scandium   | 45-2  | 293460   | 291532   | 293765   | 292919   | 0.41   | cps   |
| Selenium   | 82-1  | 1671     | 1708     | 1830     | 1736     | 4.78   | cps   |
| Selenium   | 77-2  | 170      | 183      | 203      | 186      | 9.04   | cps   |
| Selenium   | 78-2  | 943      | 830      | 1003     | 926      | 9.51   | cps   |
| Silicon    | 28-1  | 221712   | 222770   | 224191   | 222891   | 0.56   | cps   |
| Silver     | 107-1 | 114951   | 115683   | 117447   | 116027   | 1.11   | cps   |
| Silver     | 109-1 | 108237   | 110191   | 110749   | 109726   | 1.20   | cps   |
| Sodium     | 23-2  | 35824259 | 35638619 | 35506374 | 35656417 | 0.45   | cps   |
| Strontium  | 86-1  | 52704    | 52614    | 54728    | 53349    | 2.24   | cps   |
| Strontium  | 88-1  | 458823   | 462526   | 464352   | 461900   | 0.61   | cps   |
| Sulfur     | 34-1  | 1613428  | 1609438  | 1621272  | 1614712  | 0.37   | cps   |
| Terbium    | 159-1 | 6189838  | 6112739  | 5707607  | 6003395  | 4.31   | cps   |
| Terbium    | 159-2 | 4039045  | 3985944  | 3967129  | 3997373  | 0.93   | cps   |
| Thallium   | 203-1 | 96599    | 97005    | 97919    | 97175    | 0.70   | cps   |
| Thallium   | 205-1 | 230515   | 230267   | 231198   | 230660   | 0.21   | cps   |
| Tin        | 118-1 | 1833     | 2024     | 1967     | 1941     | 5.03   | cps   |
| Titanium   | 47-1  | 1179697  | 1186494  | 1201389  | 1189193  | 0.93   | cps   |

LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

ICSAB007

Instrumnet Name :

P7

Client Sample ID :

ICSAB007

Dilution Factor :

1

Date & Time Acquired :

2024-10-30 13:10:40

DataFile Name :

016ICSB.d

| Parameter | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|-------|---------|---------|---------|---------|--------|-------|
| Uranium   | 238-1 | 287     | 330     | 253     | 290     | 13.26  | cps   |
| Vanadium  | 51-2  | 46087   | 45117   | 45816   | 45673   | 1.10   | cps   |
| Yttrium   | 89-1  | 8020388 | 7882229 | 7295764 | 7732794 | 4.98   | cps   |
| Yttrium   | 89-2  | 2366235 | 2270706 | 2303766 | 2313569 | 2.10   | cps   |
| Zinc      | 66-2  | 15305   | 15081   | 15521   | 15302   | 1.44   | cps   |
| Zirconium | 90-1  | 337     | 447     | 403     | 396     | 14.01  | cps   |
| Zirconium | 91-1  | 70      | 63      | 100     | 78      | 25.11  | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : CCV035 Instrumnet Name : P7  
Client Sample ID : CCV035 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 13:13:48 DataFile Name : 017CCV.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 6739725   | 6802531   | 6764292   | 6768850   | 0.47   | cps   |
| Antimony   | 121-1 | 2675912   | 2769215   | 2764132   | 2736420   | 1.92   | cps   |
| Arsenic    | 75-2  | 187256    | 187323    | 187944    | 187508    | 0.20   | cps   |
| Barium     | 135-1 | 3330153   | 3392337   | 3473076   | 3398522   | 2.11   | cps   |
| Barium     | 137-1 | 5835603   | 5899869   | 5970584   | 5902019   | 1.14   | cps   |
| Beryllium  | 9-1   | 287835    | 294573    | 296952    | 293120    | 1.61   | cps   |
| Bismuth    | 209-1 | 3487633   | 3480079   | 3462430   | 3476714   | 0.37   | cps   |
| Bismuth    | 209-2 | 2540455   | 2567067   | 2408030   | 2505184   | 3.40   | cps   |
| Bromine    | 81-1  | 5331      | 5581      | 5054      | 5322      | 4.95   | cps   |
| Bromine    | 81-2  | 80        | 47        | 87        | 71        | 30.13  | cps   |
| Cadmium    | 108-1 | 45468     | 45026     | 46016     | 45503     | 1.09   | cps   |
| Cadmium    | 106-1 | 64429     | 66960     | 66541     | 65977     | 2.06   | cps   |
| Cadmium    | 111-1 | 628832    | 647319    | 647178    | 641109    | 1.66   | cps   |
| Calcium    | 43-1  | 3155779   | 3271746   | 3254874   | 3227466   | 1.94   | cps   |
| Calcium    | 44-1  | 51233748  | 52344338  | 52797033  | 52125039  | 1.54   | cps   |
| Carbon     | 12-1  |           |           |           |           |        | cps   |
| Carbon     | 12-2  |           |           |           |           |        | cps   |
| Chlorine   | 35-1  |           |           |           |           |        | cps   |
| Chlorine   | 35-2  |           |           |           |           |        | cps   |
| Chromium   | 52-2  | 1293809   | 1294043   | 1307029   | 1298294   | 0.58   | cps   |
| Cobalt     | 59-2  | 2046330   | 2023792   | 2061372   | 2043831   | 0.93   | cps   |
| Copper     | 63-2  | 14571865  | 14369259  | 14360251  | 14433792  | 0.83   | cps   |
| Dysprosium | 156-1 | 293       | 267       | 330       | 297       | 10.72  | cps   |
| Dysprosium | 156-2 | 310       | 250       | 263       | 274       | 11.48  | cps   |
| Erbium     | 164-1 | 153       | 160       | 163       | 159       | 3.20   | cps   |
| Erbium     | 164-2 | 107       | 147       | 93        | 116       | 24.02  | cps   |
| Gadolinium | 160-1 | 133       | 103       | 113       | 117       | 13.10  | cps   |
| Gadolinium | 160-2 | 230       | 257       | 217       | 234       | 8.69   | cps   |
| Holmium    | 165-1 | 5786402   | 5788594   | 5755120   | 5776705   | 0.32   | cps   |
| Holmium    | 165-2 | 3873983   | 3962225   | 3715493   | 3850567   | 3.25   | cps   |
| Indium     | 115-1 | 4460765   | 4522041   | 4534085   | 4505630   | 0.87   | cps   |
| Indium     | 115-2 | 1687837   | 1668603   | 1559356   | 1638598   | 4.23   | cps   |
| Iron       | 56-2  | 278183403 | 277542303 | 279130869 | 278285525 | 0.29   | cps   |
| Iron       | 57-2  | 6975912   | 6954567   | 6974225   | 6968235   | 0.17   | cps   |
| Iron       | 54-2  | 15507919  | 15517579  | 15306012  | 15443837  | 0.77   | cps   |
| Krypton    | 83-1  | 223       | 187       | 187       | 199       | 10.64  | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : CCV035 Instrumnet Name : P7  
Client Sample ID : CCV035 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 13:13:48 DataFile Name : 017CCV.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Lead       | 206-1 | 9294874   | 9439217   | 9574912   | 9436334   | 1.48   | cps   |
| Lead       | 207-1 | 8393143   | 8563062   | 8504925   | 8487043   | 1.02   | cps   |
| Lead       | 208-1 | 37889434  | 38420357  | 38538481  | 38282757  | 0.90   | cps   |
| Lithium    | 6-1   | 569291    | 578302    | 569346    | 572313    | 0.91   | cps   |
| Magnesium  | 24-2  | 55295311  | 55857369  | 55369511  | 55507397  | 0.55   | cps   |
| Manganese  | 55-2  | 9238500   | 9332615   | 9273927   | 9281681   | 0.51   | cps   |
| Molybdenum | 94-1  | 9852840   | 10078731  | 10139212  | 10023594  | 1.51   | cps   |
| Molybdenum | 95-1  | 14239878  | 14534832  | 14787796  | 14520835  | 1.89   | cps   |
| Molybdenum | 96-1  | 15636861  | 15957551  | 16225756  | 15940056  | 1.85   | cps   |
| Molybdenum | 97-1  | 8896157   | 9044358   | 9167760   | 9036092   | 1.50   | cps   |
| Molybdenum | 98-1  | 22893630  | 23567474  | 23865257  | 23442120  | 2.12   | cps   |
| Neodymium  | 150-1 | 153       | 133       | 213       | 167       | 24.98  | cps   |
| Neodymium  | 150-2 | 47        | 57        | 47        | 50        | 11.55  | cps   |
| Nickel     | 60-2  | 497547    | 496699    | 497741    | 497329    | 0.11   | cps   |
| Phosphorus | 31-2  | 78477     | 78805     | 79592     | 78958     | 0.73   | cps   |
| Potassium  | 39-2  | 37983932  | 38048718  | 38180424  | 38071025  | 0.26   | cps   |
| Rhodium    | 103-1 | 4126602   | 4168323   | 4206273   | 4167066   | 0.96   | cps   |
| Rhodium    | 103-2 | 2783427   | 2690455   | 2570500   | 2681461   | 3.98   | cps   |
| Scandium   | 45-1  | 2528294   | 2527229   | 2544704   | 2533409   | 0.39   | cps   |
| Scandium   | 45-2  | 295566    | 290873    | 277550    | 287997    | 3.25   | cps   |
| Selenium   | 82-1  | 39351     | 39944     | 40281     | 39859     | 1.18   | cps   |
| Selenium   | 77-2  | 4904      | 4731      | 4854      | 4830      | 1.85   | cps   |
| Selenium   | 78-2  | 16049     | 16316     | 16109     | 16158     | 0.87   | cps   |
| Silicon    | 28-1  | 14953531  | 15050521  | 14770083  | 14924712  | 0.95   | cps   |
| Silver     | 107-1 | 3211017   | 3297283   | 3274694   | 3260998   | 1.37   | cps   |
| Silver     | 109-1 | 3129828   | 3125522   | 3101942   | 3119097   | 0.48   | cps   |
| Sodium     | 23-2  | 96611439  | 96742412  | 96304012  | 96552621  | 0.23   | cps   |
| Strontium  | 86-1  | 20466439  | 21210326  | 21250805  | 20975856  | 2.11   | cps   |
| Strontium  | 88-1  | 179027504 | 182703131 | 187311677 | 183014104 | 2.27   | cps   |
| Sulfur     | 34-1  | 280440    | 283231    | 283938    | 282536    | 0.65   | cps   |
| Terbium    | 159-1 | 6007044   | 6046644   | 5981244   | 6011644   | 0.55   | cps   |
| Terbium    | 159-2 | 3967824   | 3856101   | 3745805   | 3856577   | 2.88   | cps   |
| Thallium   | 203-1 | 2343702   | 2381531   | 2403540   | 2376258   | 1.27   | cps   |
| Thallium   | 205-1 | 5585890   | 5542933   | 5775764   | 5634862   | 2.20   | cps   |
| Tin        | 118-1 | 2062667   | 2106436   | 2158833   | 2109312   | 2.28   | cps   |
| Titanium   | 47-1  | 3373401   | 3410818   | 3514330   | 3432850   | 2.13   | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : CCV035 Instrumnet Name : P7  
Client Sample ID : CCV035 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 13:13:48 DataFile Name : 017CCV.d

| Parameter | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|-------|---------|---------|---------|---------|--------|-------|
| Uranium   | 238-1 | 7533352 | 7691286 | 7734213 | 7652951 | 1.38   | cps   |
| Vanadium  | 51-2  | 1184866 | 1187131 | 1186218 | 1186071 | 0.10   | cps   |
| Yttrium   | 89-1  | 7775712 | 7881935 | 7811397 | 7823014 | 0.69   | cps   |
| Yttrium   | 89-2  | 2306391 | 2299528 | 2160227 | 2255382 | 3.66   | cps   |
| Zinc      | 66-2  | 2414082 | 2447630 | 2409627 | 2423780 | 0.86   | cps   |
| Zirconium | 90-1  | 4428959 | 4596274 | 4634860 | 4553364 | 2.40   | cps   |
| Zirconium | 91-1  | 975786  | 1009161 | 1010712 | 998553  | 1.98   | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : CCB035 Instrumnet Name : P7  
Client Sample ID : CCB035 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 13:16:34 DataFile Name : 018CCBE.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 537     | 500     | 527     | 521     | 3.64   | cps   |
| Antimony   | 121-1 | 2057    | 1960    | 1910    | 1976    | 3.77   | cps   |
| Arsenic    | 75-2  | 13      | 7       | 20      | 13      | 49.99  | cps   |
| Barium     | 135-1 | 220     | 197     | 147     | 188     | 19.95  | cps   |
| Barium     | 137-1 | 450     | 297     | 323     | 357     | 22.97  | cps   |
| Beryllium  | 9-1   | 60      | 47      | 60      | 56      | 13.85  | cps   |
| Bismuth    | 209-1 | 3699999 | 3629883 | 3616938 | 3648940 | 1.22   | cps   |
| Bismuth    | 209-2 | 2762668 | 2685518 | 2756591 | 2734926 | 1.57   | cps   |
| Bromine    | 81-1  | 5281    | 5281    | 5141    | 5234    | 1.54   | cps   |
| Bromine    | 81-2  | 117     | 117     | 70      | 101     | 26.65  | cps   |
| Cadmium    | 108-1 | 7       | 7       | 13      | 9       | 43.25  | cps   |
| Cadmium    | 106-1 | 1297    | 1093    | 1040    | 1143    | 11.85  | cps   |
| Cadmium    | 111-1 | 986     | 834     | 742     | 854     | 14.45  | cps   |
| Calcium    | 43-1  | 380     | 423     | 250     | 351     | 25.69  | cps   |
| Calcium    | 44-1  | 14657   | 13870   | 13466   | 13998   | 4.33   | cps   |
| Carbon     | 12-1  |         |         |         |         |        | cps   |
| Carbon     | 12-2  |         |         |         |         |        | cps   |
| Chlorine   | 35-1  |         |         |         |         |        | cps   |
| Chlorine   | 35-2  |         |         |         |         |        | cps   |
| Chromium   | 52-2  | 610     | 723     | 573     | 636     | 12.30  | cps   |
| Cobalt     | 59-2  | 117     | 133     | 147     | 132     | 11.37  | cps   |
| Copper     | 63-2  | 1837    | 1830    | 1717    | 1795    | 3.76   | cps   |
| Dysprosium | 156-1 | 167     | 190     | 147     | 168     | 12.93  | cps   |
| Dysprosium | 156-2 | 43      | 37      | 53      | 44      | 18.87  | cps   |
| Erbium     | 164-1 | 27      | 40      | 63      | 43      | 42.82  | cps   |
| Erbium     | 164-2 | 17      | 37      | 27      | 27      | 37.50  | cps   |
| Gadolinium | 160-1 | 30      | 13      | 27      | 23      | 37.81  | cps   |
| Gadolinium | 160-2 | 140     | 193     | 213     | 182     | 20.80  | cps   |
| Holmium    | 165-1 | 5902324 | 5669165 | 5685463 | 5752317 | 2.26   | cps   |
| Holmium    | 165-2 | 3946251 | 3882371 | 3979897 | 3936173 | 1.26   | cps   |
| Indium     | 115-1 | 4803702 | 4809596 | 4649816 | 4754371 | 1.91   | cps   |
| Indium     | 115-2 | 1776834 | 1753853 | 1791583 | 1774090 | 1.07   | cps   |
| Iron       | 56-2  | 20287   | 19620   | 18909   | 19605   | 3.52   | cps   |
| Iron       | 57-2  | 2800    | 2984    | 3017    | 2934    | 3.98   | cps   |
| Iron       | 54-2  | 1753    | 1640    | 1763    | 1719    | 3.99   | cps   |
| Krypton    | 83-1  | 190     | 197     | 227     | 204     | 9.55   | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : CCB035 Instrumnet Name : P7  
Client Sample ID : CCB035 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 13:16:34 DataFile Name : 018CCBE.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Lead       | 206-1 | 1133    | 930     | 873     | 979     | 13.97  | cps   |
| Lead       | 207-1 | 943     | 860     | 770     | 858     | 10.11  | cps   |
| Lead       | 208-1 | 4314    | 3664    | 3444    | 3807    | 11.88  | cps   |
| Lithium    | 6-1   | 564335  | 563517  | 555376  | 561076  | 0.88   | cps   |
| Magnesium  | 24-2  | 2534    | 2354    | 2237    | 2375    | 6.29   | cps   |
| Manganese  | 55-2  | 553     | 503     | 527     | 528     | 4.74   | cps   |
| Molybdenum | 94-1  | 997     | 920     | 727     | 881     | 15.79  | cps   |
| Molybdenum | 95-1  | 1337    | 1173    | 1120    | 1210    | 9.33   | cps   |
| Molybdenum | 96-1  | 1600    | 1297    | 1207    | 1368    | 15.07  | cps   |
| Molybdenum | 97-1  | 877     | 717     | 737     | 777     | 11.22  | cps   |
| Molybdenum | 98-1  | 2387    | 1994    | 1617    | 1999    | 19.26  | cps   |
| Neodymium  | 150-1 | 10      | 17      | 7       | 11      | 45.82  | cps   |
| Neodymium  | 150-2 | 0       | 7       | 3       | 3       | 100.05 | cps   |
| Nickel     | 60-2  | 107     | 77      | 93      | 92      | 16.30  | cps   |
| Phosphorus | 31-2  | 140     | 117     | 157     | 138     | 14.58  | cps   |
| Potassium  | 39-2  | 86350   | 86249   | 86407   | 86335   | 0.09   | cps   |
| Rhodium    | 103-1 | 4505012 | 4468992 | 4383653 | 4452553 | 1.40   | cps   |
| Rhodium    | 103-2 | 2979194 | 2935770 | 2967631 | 2960865 | 0.76   | cps   |
| Scandium   | 45-1  | 2565375 | 2532302 | 2521077 | 2539584 | 0.91   | cps   |
| Scandium   | 45-2  | 299101  | 299170  | 295763  | 298011  | 0.65   | cps   |
| Selenium   | 82-1  | 220     | 227     | 198     | 215     | 6.99   | cps   |
| Selenium   | 77-2  | 3       | 0       | 0       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 337     | 400     | 360     | 366     | 8.76   | cps   |
| Silicon    | 28-1  | 179955  | 179334  | 178471  | 179254  | 0.42   | cps   |
| Silver     | 107-1 | 460     | 380     | 293     | 378     | 22.06  | cps   |
| Silver     | 109-1 | 500     | 370     | 287     | 386     | 27.89  | cps   |
| Sodium     | 23-2  | 60308   | 59310   | 58139   | 59252   | 1.83   | cps   |
| Strontium  | 86-1  | 1363    | 1040    | 980     | 1128    | 18.28  | cps   |
| Strontium  | 88-1  | 9180    | 7275    | 6178    | 7544    | 20.13  | cps   |
| Sulfur     | 34-1  | 124085  | 125436  | 124381  | 124634  | 0.57   | cps   |
| Terbium    | 159-1 | 6122729 | 6004377 | 5935128 | 6020745 | 1.58   | cps   |
| Terbium    | 159-2 | 3966923 | 3939452 | 4010279 | 3972218 | 0.90   | cps   |
| Thallium   | 203-1 | 517     | 543     | 547     | 536     | 3.07   | cps   |
| Thallium   | 205-1 | 1273    | 1183    | 1053    | 1170    | 9.45   | cps   |
| Tin        | 118-1 | 1837    | 1767    | 1733    | 1779    | 2.96   | cps   |
| Titanium   | 47-1  | 363     | 277     | 250     | 297     | 19.97  | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : CCB035 Instrumnet Name : P7  
Client Sample ID : CCB035 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 13:16:34 DataFile Name : 018CCBE.d

| Parameter | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|-------|---------|---------|---------|---------|--------|-------|
| Uranium   | 238-1 | 387     | 297     | 273     | 319     | 18.77  | cps   |
| Vanadium  | 51-2  | 63      | 47      | 50      | 53      | 16.53  | cps   |
| Yttrium   | 89-1  | 7944421 | 7894765 | 7797344 | 7878843 | 0.95   | cps   |
| Yttrium   | 89-2  | 2363953 | 2294555 | 2362600 | 2340369 | 1.70   | cps   |
| Zinc      | 66-2  | 457     | 377     | 467     | 433     | 11.38  | cps   |
| Zirconium | 90-1  | 657     | 657     | 623     | 646     | 2.98   | cps   |
| Zirconium | 91-1  | 157     | 170     | 180     | 169     | 6.93   | cps   |



LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : PB164277BL Instrumnet Name : P7  
Client Sample ID : PBS277 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 13:19:54 DataFile Name : 019CCBE.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 387     | 347     | 317     | 350     | 10.04  | cps   |
| Antimony   | 121-1 | 447     | 507     | 537     | 497     | 9.23   | cps   |
| Arsenic    | 75-2  | 20      | 7       | 17      | 14      | 48.02  | cps   |
| Barium     | 135-1 | 113     | 93      | 130     | 112     | 16.36  | cps   |
| Barium     | 137-1 | 163     | 157     | 213     | 178     | 17.42  | cps   |
| Beryllium  | 9-1   | 83      | 30      | 23      | 46      | 72.20  | cps   |
| Bismuth    | 209-1 | 3665701 | 3633900 | 3577728 | 3625776 | 1.23   | cps   |
| Bismuth    | 209-2 | 2736549 | 2671287 | 2744853 | 2717563 | 1.48   | cps   |
| Bromine    | 81-1  | 5161    | 5298    | 5494    | 5318    | 3.15   | cps   |
| Bromine    | 81-2  | 97      | 80      | 77      | 84      | 12.69  | cps   |
| Cadmium    | 108-1 | 7       | 10      | 3       | 7       | 50.03  | cps   |
| Cadmium    | 106-1 | 1130    | 1137    | 1220    | 1162    | 4.31   | cps   |
| Cadmium    | 111-1 | 840     | 812     | 888     | 847     | 4.56   | cps   |
| Calcium    | 43-1  | 1027    | 237     | 250     | 505     | 89.70  | cps   |
| Calcium    | 44-1  | 21385   | 12452   | 11882   | 15240   | 34.97  | cps   |
| Carbon     | 12-1  |         |         |         |         |        | cps   |
| Carbon     | 12-2  |         |         |         |         |        | cps   |
| Chlorine   | 35-1  |         |         |         |         |        | cps   |
| Chlorine   | 35-2  |         |         |         |         |        | cps   |
| Chromium   | 52-2  | 610     | 453     | 560     | 541     | 14.79  | cps   |
| Cobalt     | 59-2  | 133     | 127     | 107     | 122     | 11.35  | cps   |
| Copper     | 63-2  | 1547    | 1570    | 1323    | 1480    | 9.20   | cps   |
| Dysprosium | 156-1 | 150     | 190     | 130     | 157     | 19.50  | cps   |
| Dysprosium | 156-2 | 53      | 53      | 37      | 48      | 20.13  | cps   |
| Erbium     | 164-1 | 43      | 27      | 47      | 39      | 27.55  | cps   |
| Erbium     | 164-2 | 33      | 27      | 37      | 32      | 15.80  | cps   |
| Gadolinium | 160-1 | 30      | 20      | 20      | 23      | 24.74  | cps   |
| Gadolinium | 160-2 | 120     | 167     | 170     | 152     | 18.37  | cps   |
| Holmium    | 165-1 | 5822927 | 5779368 | 5688190 | 5763495 | 1.19   | cps   |
| Holmium    | 165-2 | 3927245 | 3862583 | 3973911 | 3921246 | 1.43   | cps   |
| Indium     | 115-1 | 4780214 | 4769847 | 4723715 | 4757926 | 0.63   | cps   |
| Indium     | 115-2 | 1758196 | 1767912 | 1762690 | 1762932 | 0.28   | cps   |
| Iron       | 56-2  | 14073   | 13940   | 14183   | 14066   | 0.87   | cps   |
| Iron       | 57-2  | 2750    | 2764    | 2924    | 2813    | 3.43   | cps   |
| Iron       | 54-2  | 1457    | 1537    | 1533    | 1509    | 3.00   | cps   |
| Krypton    | 83-1  | 213     | 150     | 167     | 177     | 18.58  | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : PB164277BL Instrumnet Name : P7  
Client Sample ID : PBS277 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 13:19:54 DataFile Name : 019CCBE.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Lead       | 206-1 | 640     | 543     | 513     | 566     | 11.70  | cps   |
| Lead       | 207-1 | 570     | 540     | 503     | 538     | 6.21   | cps   |
| Lead       | 208-1 | 2543    | 2373    | 2320    | 2412    | 4.84   | cps   |
| Lithium    | 6-1   | 561440  | 568422  | 559114  | 562992  | 0.86   | cps   |
| Magnesium  | 24-2  | 1143    | 1237    | 1167    | 1182    | 4.11   | cps   |
| Manganese  | 55-2  | 377     | 350     | 363     | 363     | 3.67   | cps   |
| Molybdenum | 94-1  | 620     | 360     | 393     | 458     | 30.91  | cps   |
| Molybdenum | 95-1  | 637     | 397     | 353     | 462     | 33.02  | cps   |
| Molybdenum | 96-1  | 633     | 450     | 433     | 506     | 21.95  | cps   |
| Molybdenum | 97-1  | 333     | 257     | 217     | 269     | 22.05  | cps   |
| Molybdenum | 98-1  | 890     | 547     | 540     | 659     | 30.39  | cps   |
| Neodymium  | 150-1 | 7       | 3       | 7       | 6       | 34.70  | cps   |
| Neodymium  | 150-2 | 0       | 3       | 3       | 2       | 86.60  | cps   |
| Nickel     | 60-2  | 73      | 83      | 113     | 90      | 23.13  | cps   |
| Phosphorus | 31-2  | 127     | 120     | 113     | 120     | 5.55   | cps   |
| Potassium  | 39-2  | 83229   | 82519   | 82545   | 82764   | 0.49   | cps   |
| Rhodium    | 103-1 | 4472484 | 4513013 | 4464501 | 4483332 | 0.58   | cps   |
| Rhodium    | 103-2 | 3028302 | 2944963 | 2971509 | 2981591 | 1.43   | cps   |
| Scandium   | 45-1  | 2581239 | 2570700 | 2570644 | 2574194 | 0.24   | cps   |
| Scandium   | 45-2  | 296256  | 295427  | 294181  | 295288  | 0.35   | cps   |
| Selenium   | 82-1  | 252     | 275     | 268     | 265     | 4.38   | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 393     | 357     | 323     | 358     | 9.79   | cps   |
| Silicon    | 28-1  | 172746  | 173471  | 174064  | 173427  | 0.38   | cps   |
| Silver     | 107-1 | 213     | 167     | 157     | 179     | 16.91  | cps   |
| Silver     | 109-1 | 167     | 153     | 143     | 154     | 7.58   | cps   |
| Sodium     | 23-2  | 49008   | 49590   | 49466   | 49354   | 0.62   | cps   |
| Strontium  | 86-1  | 890     | 593     | 647     | 710     | 22.28  | cps   |
| Strontium  | 88-1  | 5999    | 2587    | 2520    | 3702    | 53.74  | cps   |
| Sulfur     | 34-1  | 123954  | 125819  | 125241  | 125005  | 0.76   | cps   |
| Terbium    | 159-1 | 6006499 | 6075355 | 5927411 | 6003088 | 1.23   | cps   |
| Terbium    | 159-2 | 3963806 | 3992722 | 3931059 | 3962529 | 0.78   | cps   |
| Thallium   | 203-1 | 287     | 283     | 220     | 263     | 14.27  | cps   |
| Thallium   | 205-1 | 700     | 693     | 610     | 668     | 7.51   | cps   |
| Tin        | 118-1 | 1690    | 1353    | 1443    | 1496    | 11.66  | cps   |
| Titanium   | 47-1  | 417     | 167     | 180     | 254     | 55.29  | cps   |

LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

PB164277BL

Instrumnet Name :

P7

Client Sample ID :

PBS277

Dilution Factor :

1

Date & Time Acquired :

2024-10-30 13:19:54

DataFile Name :

019CCBE.d

| Parameter | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|-------|---------|---------|---------|---------|--------|-------|
| Uranium   | 238-1 | 313     | 137     | 103     | 184     | 61.20  | cps   |
| Vanadium  | 51-2  | 33      | 23      | 43      | 33      | 30.00  | cps   |
| Yttrium   | 89-1  | 7897569 | 7946344 | 7798681 | 7880865 | 0.95   | cps   |
| Yttrium   | 89-2  | 2368893 | 2313156 | 2313743 | 2331930 | 1.37   | cps   |
| Zinc      | 66-2  | 420     | 423     | 373     | 406     | 6.89   | cps   |
| Zirconium | 90-1  | 527     | 407     | 370     | 434     | 18.86  | cps   |
| Zirconium | 91-1  | 90      | 50      | 70      | 70      | 28.57  | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : PB164277BS Instrumnet Name : P7  
Client Sample ID : LCS277 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 13:23:11 DataFile Name : 020LCSE.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 5598    | 5598    | 5358    | 5518    | 2.51   | cps   |
| Antimony   | 121-1 | 20935   | 21089   | 21383   | 21136   | 1.08   | cps   |
| Arsenic    | 75-2  | 657     | 667     | 697     | 673     | 3.09   | cps   |
| Barium     | 135-1 | 24438   | 24768   | 24588   | 24598   | 0.67   | cps   |
| Barium     | 137-1 | 41266   | 42219   | 41183   | 41556   | 1.39   | cps   |
| Beryllium  | 9-1   | 1150    | 993     | 1217    | 1120    | 10.24  | cps   |
| Bismuth    | 209-1 | 3672922 | 3605908 | 3607573 | 3628801 | 1.05   | cps   |
| Bismuth    | 209-2 | 2695466 | 2745449 | 2738464 | 2726460 | 0.99   | cps   |
| Bromine    | 81-1  | 5154    | 5171    | 5194    | 5173    | 0.39   | cps   |
| Bromine    | 81-2  | 87      | 73      | 53      | 71      | 23.60  | cps   |
| Cadmium    | 108-1 | 260     | 257     | 190     | 236     | 16.76  | cps   |
| Cadmium    | 106-1 | 1570    | 1490    | 1377    | 1479    | 6.57   | cps   |
| Cadmium    | 111-1 | 4034    | 3980    | 3938    | 3984    | 1.21   | cps   |
| Calcium    | 43-1  | 13042   | 12759   | 13002   | 12935   | 1.19   | cps   |
| Calcium    | 44-1  | 219858  | 221311  | 221001  | 220723  | 0.35   | cps   |
| Carbon     | 12-1  |         |         |         |         |        | cps   |
| Carbon     | 12-2  |         |         |         |         |        | cps   |
| Chlorine   | 35-1  |         |         |         |         |        | cps   |
| Chlorine   | 35-2  |         |         |         |         |        | cps   |
| Chromium   | 52-2  | 12275   | 12465   | 12218   | 12320   | 1.05   | cps   |
| Cobalt     | 59-2  | 7842    | 7902    | 7835    | 7860    | 0.47   | cps   |
| Copper     | 63-2  | 12819   | 12539   | 13026   | 12794   | 1.91   | cps   |
| Dysprosium | 156-1 | 150     | 130     | 190     | 157     | 19.50  | cps   |
| Dysprosium | 156-2 | 20      | 57      | 37      | 38      | 48.60  | cps   |
| Erbium     | 164-1 | 43      | 43      | 33      | 40      | 14.43  | cps   |
| Erbium     | 164-2 | 33      | 47      | 43      | 41      | 16.89  | cps   |
| Gadolinium | 160-1 | 7       | 27      | 37      | 23      | 65.46  | cps   |
| Gadolinium | 160-2 | 147     | 143     | 163     | 151     | 7.09   | cps   |
| Holmium    | 165-1 | 5779082 | 5757274 | 5734951 | 5757102 | 0.38   | cps   |
| Holmium    | 165-2 | 3955878 | 3988609 | 3882828 | 3942438 | 1.37   | cps   |
| Indium     | 115-1 | 4795004 | 4790904 | 4642130 | 4742679 | 1.84   | cps   |
| Indium     | 115-2 | 1775687 | 1747984 | 1767484 | 1763718 | 0.81   | cps   |
| Iron       | 56-2  | 940436  | 932883  | 929250  | 934190  | 0.61   | cps   |
| Iron       | 57-2  | 26503   | 26163   | 25639   | 26102   | 1.67   | cps   |
| Iron       | 54-2  | 53913   | 52448   | 52187   | 52849   | 1.76   | cps   |
| Krypton    | 83-1  | 173     | 150     | 180     | 168     | 9.39   | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : PB164277BS Instrumnet Name : P7  
Client Sample ID : LCS277 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 13:23:11 DataFile Name : 020LCSE.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Lead       | 206-1 | 7229    | 7509    | 7049    | 7262    | 3.19   | cps   |
| Lead       | 207-1 | 6265    | 6795    | 6308    | 6456    | 4.56   | cps   |
| Lead       | 208-1 | 28886   | 29519   | 28282   | 28896   | 2.14   | cps   |
| Lithium    | 6-1   | 570336  | 568762  | 554632  | 564577  | 1.53   | cps   |
| Magnesium  | 24-2  | 241980  | 238970  | 239324  | 240091  | 0.69   | cps   |
| Manganese  | 55-2  | 4211    | 4347    | 4254    | 4271    | 1.64   | cps   |
| Molybdenum | 94-1  | 21112   | 21933   | 21329   | 21458   | 1.98   | cps   |
| Molybdenum | 95-1  | 26027   | 26361   | 25766   | 26051   | 1.14   | cps   |
| Molybdenum | 96-1  | 28595   | 28681   | 28207   | 28494   | 0.89   | cps   |
| Molybdenum | 97-1  | 16172   | 16082   | 16286   | 16180   | 0.63   | cps   |
| Molybdenum | 98-1  | 40479   | 41138   | 41118   | 40912   | 0.92   | cps   |
| Neodymium  | 150-1 | 10      | 10      | 7       | 9       | 21.63  | cps   |
| Neodymium  | 150-2 | 7       | 3       | 3       | 4       | 43.40  | cps   |
| Nickel     | 60-2  | 2324    | 2327    | 2260    | 2304    | 1.63   | cps   |
| Phosphorus | 31-2  | 150     | 120     | 117     | 129     | 14.24  | cps   |
| Potassium  | 39-2  | 394483  | 394357  | 392800  | 393880  | 0.24   | cps   |
| Rhodium    | 103-1 | 4479045 | 4436867 | 4370828 | 4428914 | 1.23   | cps   |
| Rhodium    | 103-2 | 2930892 | 2977808 | 2927717 | 2945472 | 0.95   | cps   |
| Scandium   | 45-1  | 2603465 | 2578408 | 2549455 | 2577109 | 1.05   | cps   |
| Scandium   | 45-2  | 298417  | 292789  | 288412  | 293206  | 1.71   | cps   |
| Selenium   | 82-1  | 1056    | 974     | 1034    | 1021    | 4.19   | cps   |
| Selenium   | 77-2  | 70      | 127     | 90      | 96      | 30.08  | cps   |
| Selenium   | 78-2  | 683     | 767     | 620     | 690     | 10.66  | cps   |
| Silicon    | 28-1  | 213949  | 214892  | 213811  | 214218  | 0.27   | cps   |
| Silver     | 107-1 | 11992   | 12319   | 12152   | 12154   | 1.34   | cps   |
| Silver     | 109-1 | 10888   | 11448   | 11391   | 11242   | 2.74   | cps   |
| Sodium     | 23-2  | 431199  | 431585  | 430257  | 431013  | 0.16   | cps   |
| Strontium  | 86-1  | 3580    | 3594    | 3747    | 3640    | 2.54   | cps   |
| Strontium  | 88-1  | 29313   | 29680   | 29657   | 29550   | 0.70   | cps   |
| Sulfur     | 34-1  | 127335  | 126212  | 126239  | 126595  | 0.51   | cps   |
| Terbium    | 159-1 | 5999158 | 6033050 | 5884618 | 5972275 | 1.30   | cps   |
| Terbium    | 159-2 | 3977231 | 3923586 | 3841699 | 3914172 | 1.74   | cps   |
| Thallium   | 203-1 | 8463    | 8683    | 8323    | 8489    | 2.14   | cps   |
| Thallium   | 205-1 | 20419   | 20165   | 20182   | 20255   | 0.70   | cps   |
| Tin        | 118-1 | 1764    | 1654    | 1397    | 1605    | 11.74  | cps   |
| Titanium   | 47-1  | 6305    | 6288    | 6428    | 6340    | 1.21   | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : PB164277BS Instrumnet Name : P7  
Client Sample ID : LCS277 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 13:23:11 DataFile Name : 020LCSE.d

| Parameter | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|-------|---------|---------|---------|---------|--------|-------|
| Uranium   | 238-1 | 25635   | 25768   | 25531   | 25645   | 0.46   | cps   |
| Vanadium  | 51-2  | 23498   | 22767   | 23515   | 23260   | 1.84   | cps   |
| Yttrium   | 89-1  | 7968548 | 7827242 | 7777016 | 7857602 | 1.26   | cps   |
| Yttrium   | 89-2  | 2312667 | 2324486 | 2278107 | 2305086 | 1.05   | cps   |
| Zinc      | 66-2  | 5081    | 5221    | 4988    | 5096    | 2.31   | cps   |
| Zirconium | 90-1  | 17878   | 18302   | 17928   | 18036   | 1.28   | cps   |
| Zirconium | 91-1  | 4074    | 3841    | 4007    | 3974    | 3.03   | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : PB164277BSD Instrumnet Name : P7  
Client Sample ID : LCSD277 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 13:26:30 DataFile Name : 021LLCC.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 3044    | 3094    | 2954    | 3030    | 2.34   | cps   |
| Antimony   | 121-1 | 11028   | 10908   | 10864   | 10933   | 0.77   | cps   |
| Arsenic    | 75-2  | 337     | 377     | 397     | 370     | 8.26   | cps   |
| Barium     | 135-1 | 12395   | 12249   | 12589   | 12411   | 1.38   | cps   |
| Barium     | 137-1 | 21263   | 21924   | 21306   | 21497   | 1.72   | cps   |
| Beryllium  | 9-1   | 527     | 630     | 663     | 607     | 11.75  | cps   |
| Bismuth    | 209-1 | 3670092 | 3598915 | 3605512 | 3624840 | 1.08   | cps   |
| Bismuth    | 209-2 | 2741963 | 2733094 | 2752889 | 2742649 | 0.36   | cps   |
| Bromine    | 81-1  | 5694    | 5274    | 5144    | 5371    | 5.35   | cps   |
| Bromine    | 81-2  | 80      | 70      | 90      | 80      | 12.50  | cps   |
| Cadmium    | 108-1 | 120     | 153     | 113     | 129     | 16.63  | cps   |
| Cadmium    | 106-1 | 1340    | 1210    | 1280    | 1277    | 5.10   | cps   |
| Cadmium    | 111-1 | 2384    | 2386    | 2530    | 2434    | 3.44   | cps   |
| Calcium    | 43-1  | 6678    | 6635    | 6618    | 6644    | 0.47   | cps   |
| Calcium    | 44-1  | 117094  | 116789  | 117198  | 117027  | 0.18   | cps   |
| Carbon     | 12-1  |         |         |         |         |        | cps   |
| Carbon     | 12-2  |         |         |         |         |        | cps   |
| Chlorine   | 35-1  |         |         |         |         |        | cps   |
| Chlorine   | 35-2  |         |         |         |         |        | cps   |
| Chromium   | 52-2  | 6408    | 6191    | 6451    | 6350    | 2.19   | cps   |
| Cobalt     | 59-2  | 4024    | 3737    | 3884    | 3882    | 3.69   | cps   |
| Copper     | 63-2  | 7412    | 7329    | 7359    | 7366    | 0.57   | cps   |
| Dysprosium | 156-1 | 123     | 147     | 143     | 138     | 9.16   | cps   |
| Dysprosium | 156-2 | 33      | 30      | 27      | 30      | 11.10  | cps   |
| Erbium     | 164-1 | 57      | 60      | 23      | 47      | 43.45  | cps   |
| Erbium     | 164-2 | 27      | 20      | 23      | 23      | 14.29  | cps   |
| Gadolinium | 160-1 | 10      | 23      | 30      | 21      | 48.24  | cps   |
| Gadolinium | 160-2 | 170     | 190     | 197     | 186     | 7.48   | cps   |
| Holmium    | 165-1 | 5891992 | 5778491 | 5744711 | 5805065 | 1.33   | cps   |
| Holmium    | 165-2 | 3945107 | 3920325 | 3905284 | 3923572 | 0.51   | cps   |
| Indium     | 115-1 | 4708156 | 4709421 | 4764752 | 4727443 | 0.68   | cps   |
| Indium     | 115-2 | 1785791 | 1769508 | 1767357 | 1774219 | 0.57   | cps   |
| Iron       | 56-2  | 479245  | 478771  | 474171  | 477395  | 0.59   | cps   |
| Iron       | 57-2  | 14390   | 14687   | 14217   | 14431   | 1.65   | cps   |
| Iron       | 54-2  | 28076   | 27008   | 27338   | 27474   | 1.99   | cps   |
| Krypton    | 83-1  | 160     | 187     | 183     | 177     | 8.23   | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : PB164277BSD Instrumnet Name : P7  
Client Sample ID : LCSD277 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 13:26:30 DataFile Name : 021LLCC.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Lead       | 206-1 | 3917    | 4024    | 3804    | 3915    | 2.81   | cps   |
| Lead       | 207-1 | 3240    | 3460    | 3450    | 3384    | 3.67   | cps   |
| Lead       | 208-1 | 15674   | 16101   | 15794   | 15856   | 1.39   | cps   |
| Lithium    | 6-1   | 573216  | 567302  | 565334  | 568617  | 0.72   | cps   |
| Magnesium  | 24-2  | 122278  | 121478  | 121280  | 121679  | 0.43   | cps   |
| Manganese  | 55-2  | 2447    | 2584    | 2397    | 2476    | 3.90   | cps   |
| Molybdenum | 94-1  | 11101   | 10607   | 11011   | 10906   | 2.41   | cps   |
| Molybdenum | 95-1  | 12876   | 12806   | 12856   | 12846   | 0.28   | cps   |
| Molybdenum | 96-1  | 14597   | 14314   | 14104   | 14338   | 1.73   | cps   |
| Molybdenum | 97-1  | 8066    | 8172    | 8086    | 8108    | 0.70   | cps   |
| Molybdenum | 98-1  | 20538   | 21115   | 21082   | 20912   | 1.55   | cps   |
| Neodymium  | 150-1 | 10      | 10      | 17      | 12      | 31.50  | cps   |
| Neodymium  | 150-2 | 0       | 7       | 0       | 2       | 173.21 | cps   |
| Nickel     | 60-2  | 1163    | 1203    | 1230    | 1199    | 2.80   | cps   |
| Phosphorus | 31-2  | 120     | 123     | 167     | 137     | 19.05  | cps   |
| Potassium  | 39-2  | 238788  | 239103  | 235928  | 237940  | 0.74   | cps   |
| Rhodium    | 103-1 | 4457465 | 4471519 | 4440324 | 4456436 | 0.35   | cps   |
| Rhodium    | 103-2 | 2953490 | 2945367 | 2993019 | 2963959 | 0.86   | cps   |
| Scandium   | 45-1  | 2611103 | 2560806 | 2540724 | 2570878 | 1.41   | cps   |
| Scandium   | 45-2  | 293864  | 297503  | 293541  | 294969  | 0.75   | cps   |
| Selenium   | 82-1  | 677     | 669     | 649     | 665     | 2.19   | cps   |
| Selenium   | 77-2  | 40      | 30      | 63      | 44      | 38.48  | cps   |
| Selenium   | 78-2  | 493     | 503     | 447     | 481     | 6.29   | cps   |
| Silicon    | 28-1  | 194126  | 193483  | 192620  | 193409  | 0.39   | cps   |
| Silver     | 107-1 | 6271    | 6008    | 6411    | 6230    | 3.29   | cps   |
| Silver     | 109-1 | 5664    | 5785    | 5798    | 5749    | 1.28   | cps   |
| Sodium     | 23-2  | 238274  | 235908  | 237284  | 237155  | 0.50   | cps   |
| Strontium  | 86-1  | 1923    | 2137    | 1990    | 2017    | 5.41   | cps   |
| Strontium  | 88-1  | 15495   | 15655   | 15388   | 15513   | 0.87   | cps   |
| Sulfur     | 34-1  | 128222  | 129187  | 129697  | 129036  | 0.58   | cps   |
| Terbium    | 159-1 | 6039284 | 6081457 | 6067130 | 6062624 | 0.35   | cps   |
| Terbium    | 159-2 | 3962942 | 4012044 | 3977701 | 3984229 | 0.63   | cps   |
| Thallium   | 203-1 | 4284    | 4344    | 4424    | 4351    | 1.61   | cps   |
| Thallium   | 205-1 | 10397   | 10728   | 10598   | 10574   | 1.57   | cps   |
| Tin        | 118-1 | 1470    | 1283    | 1523    | 1426    | 8.84   | cps   |
| Titanium   | 47-1  | 3170    | 3304    | 3347    | 3274    | 2.81   | cps   |



LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

PB164277BSD

Instrumnet Name :

P7

Client Sample ID :

LCSD277

Dilution Factor :

1

Date & Time Acquired :

2024-10-30 13:26:30

DataFile Name :

021LLCC.d

| Parameter | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|-------|---------|---------|---------|---------|--------|-------|
| Uranium   | 238-1 | 13080   | 12963   | 12756   | 12933   | 1.27   | cps   |
| Vanadium  | 51-2  | 11655   | 11801   | 11691   | 11716   | 0.65   | cps   |
| Yttrium   | 89-1  | 7855119 | 7892369 | 7726887 | 7824792 | 1.11   | cps   |
| Yttrium   | 89-2  | 2336419 | 2342809 | 2353764 | 2344331 | 0.37   | cps   |
| Zinc      | 66-2  | 2827    | 3014    | 2687    | 2843    | 5.77   | cps   |
| Zirconium | 90-1  | 9146    | 9093    | 8996    | 9078    | 0.84   | cps   |
| Zirconium | 91-1  | 1903    | 1947    | 1933    | 1928    | 1.15   | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : P4331-04DLX4 Instrumnet Name : P7  
Client Sample ID : MYDBB7 Dilution Factor : 4  
Date & Time Acquired : 2024-10-30 13:29:47 DataFile Name : 022SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2343345  | 2296907  | 2301782  | 2314011  | 1.10   | cps   |
| Antimony   | 121-1 | 5338     | 5691     | 5444     | 5491     | 3.30   | cps   |
| Arsenic    | 75-2  | 12295    | 12355    | 12035    | 12228    | 1.39   | cps   |
| Barium     | 135-1 | 704035   | 717552   | 716395   | 712660   | 1.05   | cps   |
| Barium     | 137-1 | 1210722  | 1240954  | 1235203  | 1228960  | 1.31   | cps   |
| Beryllium  | 9-1   | 537      | 467      | 523      | 509      | 7.30   | cps   |
| Bismuth    | 209-1 | 3663203  | 3653713  | 3601225  | 3639381  | 0.92   | cps   |
| Bismuth    | 209-2 | 2748370  | 2755238  | 2764292  | 2755967  | 0.29   | cps   |
| Bromine    | 81-1  | 5985     | 6118     | 6048     | 6050     | 1.10   | cps   |
| Bromine    | 81-2  | 203      | 217      | 213      | 211      | 3.29   | cps   |
| Cadmium    | 108-1 | 373      | 380      | 337      | 363      | 6.42   | cps   |
| Cadmium    | 106-1 | 1743     | 1680     | 1650     | 1691     | 2.82   | cps   |
| Cadmium    | 111-1 | 5216     | 5214     | 5173     | 5201     | 0.46   | cps   |
| Calcium    | 43-1  | 95052    | 97155    | 96213    | 96140    | 1.10   | cps   |
| Calcium    | 44-1  | 1487082  | 1510990  | 1486596  | 1494889  | 0.93   | cps   |
| Carbon     | 12-1  |          |          |          |          |        | cps   |
| Carbon     | 12-2  |          |          |          |          |        | cps   |
| Chlorine   | 35-1  |          |          |          |          |        | cps   |
| Chlorine   | 35-2  |          |          |          |          |        | cps   |
| Chromium   | 52-2  | 106110   | 105160   | 104600   | 105290   | 0.73   | cps   |
| Cobalt     | 59-2  | 76507    | 76306    | 76370    | 76394    | 0.13   | cps   |
| Copper     | 63-2  | 1274221  | 1271815  | 1269746  | 1271927  | 0.18   | cps   |
| Dysprosium | 156-1 | 18265    | 18849    | 18729    | 18615    | 1.66   | cps   |
| Dysprosium | 156-2 | 17911    | 17538    | 17811    | 17754    | 1.09   | cps   |
| Erbium     | 164-1 | 11525    | 11862    | 11612    | 11666    | 1.50   | cps   |
| Erbium     | 164-2 | 8239     | 8056     | 8516     | 8270     | 2.80   | cps   |
| Gadolinium | 160-1 | 15168    | 15956    | 15622    | 15582    | 2.54   | cps   |
| Gadolinium | 160-2 | 11892    | 11932    | 11722    | 11848    | 0.94   | cps   |
| Holmium    | 165-1 | 5669260  | 5786802  | 5679954  | 5712005  | 1.14   | cps   |
| Holmium    | 165-2 | 3930333  | 3915388  | 3885878  | 3910533  | 0.58   | cps   |
| Indium     | 115-1 | 4674986  | 4690249  | 4688713  | 4684649  | 0.18   | cps   |
| Indium     | 115-2 | 1706287  | 1762864  | 1731442  | 1733531  | 1.64   | cps   |
| Iron       | 56-2  | 55661146 | 55529534 | 55022898 | 55404526 | 0.61   | cps   |
| Iron       | 57-2  | 1378694  | 1366413  | 1358599  | 1367902  | 0.74   | cps   |
| Iron       | 54-2  | 3119015  | 3074380  | 3103452  | 3098949  | 0.73   | cps   |
| Krypton    | 83-1  | 200      | 190      | 133      | 174      | 20.61  | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : P4331-04DLX4 Instrumnet Name : P7  
Client Sample ID : MYDBB7 Dilution Factor : 4  
Date & Time Acquired : 2024-10-30 13:29:47 DataFile Name : 022SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Lead       | 206-1 | 314667  | 317701  | 317278  | 316549  | 0.52   | cps   |
| Lead       | 207-1 | 281855  | 280154  | 281186  | 281065  | 0.30   | cps   |
| Lead       | 208-1 | 1258427 | 1264242 | 1266035 | 1262901 | 0.31   | cps   |
| Lithium    | 6-1   | 565889  | 579116  | 569016  | 571340  | 1.21   | cps   |
| Magnesium  | 24-2  | 1385929 | 1332187 | 1362572 | 1360229 | 1.98   | cps   |
| Manganese  | 55-2  | 8866232 | 8902432 | 8836036 | 8868233 | 0.37   | cps   |
| Molybdenum | 94-1  | 25516   | 25322   | 25232   | 25357   | 0.57   | cps   |
| Molybdenum | 95-1  | 1593    | 1610    | 1533    | 1579    | 2.55   | cps   |
| Molybdenum | 96-1  | 5821    | 6041    | 5928    | 5930    | 1.86   | cps   |
| Molybdenum | 97-1  | 807     | 897     | 917     | 873     | 6.71   | cps   |
| Molybdenum | 98-1  | 2144    | 2144    | 2094    | 2127    | 1.36   | cps   |
| Neodymium  | 150-1 | 43343   | 43326   | 42868   | 43179   | 0.62   | cps   |
| Neodymium  | 150-2 | 26355   | 25490   | 25099   | 25648   | 2.51   | cps   |
| Nickel     | 60-2  | 58507   | 56640   | 57814   | 57654   | 1.64   | cps   |
| Phosphorus | 31-2  | 12265   | 12202   | 12358   | 12275   | 0.64   | cps   |
| Potassium  | 39-2  | 1057467 | 1049215 | 1054319 | 1053667 | 0.40   | cps   |
| Rhodium    | 103-1 | 4407409 | 4350002 | 4335264 | 4364225 | 0.87   | cps   |
| Rhodium    | 103-2 | 2904347 | 2906259 | 2853361 | 2887989 | 1.04   | cps   |
| Scandium   | 45-1  | 2573321 | 2594846 | 2543863 | 2570677 | 1.00   | cps   |
| Scandium   | 45-2  | 300812  | 299271  | 302236  | 300773  | 0.49   | cps   |
| Selenium   | 82-1  | 298     | 298     | 394     | 330     | 16.85  | cps   |
| Selenium   | 77-2  | 70      | 77      | 73      | 73      | 4.55   | cps   |
| Selenium   | 78-2  | 370     | 403     | 393     | 389     | 4.40   | cps   |
| Silicon    | 28-1  | 4638789 | 4689664 | 4680945 | 4669800 | 0.58   | cps   |
| Silver     | 107-1 | 7225    | 7122    | 6855    | 7067    | 2.70   | cps   |
| Silver     | 109-1 | 6505    | 6938    | 6742    | 6728    | 3.23   | cps   |
| Sodium     | 23-2  | 91456   | 90490   | 89585   | 90511   | 1.03   | cps   |
| Strontium  | 86-1  | 140423  | 141176  | 140884  | 140828  | 0.27   | cps   |
| Strontium  | 88-1  | 1223556 | 1239694 | 1238856 | 1234035 | 0.74   | cps   |
| Sulfur     | 34-1  | 131089  | 127258  | 125147  | 127832  | 2.36   | cps   |
| Terbium    | 159-1 | 5868357 | 5972344 | 5910643 | 5917114 | 0.88   | cps   |
| Terbium    | 159-2 | 3973870 | 3944841 | 3930496 | 3949736 | 0.56   | cps   |
| Thallium   | 203-1 | 1390    | 1450    | 1360    | 1400    | 3.27   | cps   |
| Thallium   | 205-1 | 3254    | 3347    | 3407    | 3336    | 2.32   | cps   |
| Tin        | 118-1 | 11938   | 12075   | 12155   | 12056   | 0.91   | cps   |
| Titanium   | 47-1  | 354974  | 357638  | 359182  | 357265  | 0.60   | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : P4331-04DLX4 Instrumnet Name : P7  
Client Sample ID : MYDBB7 Dilution Factor : 4  
Date & Time Acquired : 2024-10-30 13:29:47 DataFile Name : 022SMPL.d

| Parameter | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|-------|---------|---------|---------|---------|--------|-------|
| Uranium   | 238-1 | 8529    | 8956    | 8823    | 8770    | 2.49   | cps   |
| Vanadium  | 51-2  | 103925  | 102337  | 101861  | 102708  | 1.05   | cps   |
| Yttrium   | 89-1  | 7920245 | 7975297 | 7944209 | 7946584 | 0.35   | cps   |
| Yttrium   | 89-2  | 2370751 | 2393460 | 2332180 | 2365464 | 1.31   | cps   |
| Zinc      | 66-2  | 134903  | 134802  | 133669  | 134458  | 0.51   | cps   |
| Zirconium | 90-1  | 65320   | 67623   | 66438   | 66460   | 1.73   | cps   |
| Zirconium | 91-1  | 14257   | 14888   | 14831   | 14659   | 2.38   | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : P4331-05DLX4 Instrumnet Name : P7  
Client Sample ID : MYDBB7D Dilution Factor : 4  
Date & Time Acquired : 2024-10-30 13:33:05 DataFile Name : 023SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2323285  | 2320548  | 2292086  | 2311973  | 0.75   | cps   |
| Antimony   | 121-1 | 5551     | 5518     | 5351     | 5473     | 1.96   | cps   |
| Arsenic    | 75-2  | 11848    | 12389    | 12352    | 12196    | 2.48   | cps   |
| Barium     | 135-1 | 666603   | 665657   | 672542   | 668267   | 0.56   | cps   |
| Barium     | 137-1 | 1144175  | 1154748  | 1155793  | 1151572  | 0.56   | cps   |
| Beryllium  | 9-1   | 537      | 537      | 490      | 521      | 5.17   | cps   |
| Bismuth    | 209-1 | 3670196  | 3558332  | 3658999  | 3629176  | 1.70   | cps   |
| Bismuth    | 209-2 | 2736924  | 2707817  | 2705813  | 2716851  | 0.64   | cps   |
| Bromine    | 81-1  | 6071     | 6045     | 6248     | 6121     | 1.81   | cps   |
| Bromine    | 81-2  | 250      | 270      | 187      | 236      | 18.47  | cps   |
| Cadmium    | 108-1 | 350      | 330      | 383      | 354      | 7.60   | cps   |
| Cadmium    | 106-1 | 1687     | 1637     | 1650     | 1658     | 1.56   | cps   |
| Cadmium    | 111-1 | 5276     | 5089     | 5458     | 5274     | 3.50   | cps   |
| Calcium    | 43-1  | 94012    | 95632    | 96662    | 95435    | 1.40   | cps   |
| Calcium    | 44-1  | 1503898  | 1491348  | 1525029  | 1506758  | 1.13   | cps   |
| Carbon     | 12-1  |          |          |          |          |        | cps   |
| Carbon     | 12-2  |          |          |          |          |        | cps   |
| Chlorine   | 35-1  |          |          |          |          |        | cps   |
| Chlorine   | 35-2  |          |          |          |          |        | cps   |
| Chromium   | 52-2  | 103740   | 104573   | 104694   | 104335   | 0.50   | cps   |
| Cobalt     | 59-2  | 74112    | 74768    | 72876    | 73919    | 1.30   | cps   |
| Copper     | 63-2  | 1260037  | 1263642  | 1250033  | 1257904  | 0.56   | cps   |
| Dysprosium | 156-1 | 18135    | 18028    | 18355    | 18173    | 0.92   | cps   |
| Dysprosium | 156-2 | 17808    | 17521    | 17968    | 17766    | 1.28   | cps   |
| Erbium     | 164-1 | 11842    | 11852    | 12155    | 11950    | 1.49   | cps   |
| Erbium     | 164-2 | 8012     | 7876     | 7889     | 7926     | 0.95   | cps   |
| Gadolinium | 160-1 | 15182    | 15779    | 15475    | 15479    | 1.93   | cps   |
| Gadolinium | 160-2 | 11708    | 11565    | 11385    | 11553    | 1.40   | cps   |
| Holmium    | 165-1 | 5850778  | 5806552  | 5601510  | 5752947  | 2.31   | cps   |
| Holmium    | 165-2 | 3896687  | 3857303  | 3907095  | 3887028  | 0.68   | cps   |
| Indium     | 115-1 | 4673062  | 4687418  | 4612024  | 4657502  | 0.86   | cps   |
| Indium     | 115-2 | 1727051  | 1725170  | 1745898  | 1732706  | 0.66   | cps   |
| Iron       | 56-2  | 55536344 | 55641873 | 55392483 | 55523566 | 0.23   | cps   |
| Iron       | 57-2  | 1376271  | 1365904  | 1331101  | 1357758  | 1.74   | cps   |
| Iron       | 54-2  | 3074076  | 3074593  | 3078716  | 3075795  | 0.08   | cps   |
| Krypton    | 83-1  | 183      | 187      | 187      | 186      | 1.04   | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : P4331-05DLX4 Instrumnet Name : P7  
Client Sample ID : MYDBB7D Dilution Factor : 4  
Date & Time Acquired : 2024-10-30 13:33:05 DataFile Name : 023SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Lead       | 206-1 | 311997  | 315566  | 316380  | 314647  | 0.74   | cps   |
| Lead       | 207-1 | 280689  | 281734  | 281990  | 281471  | 0.24   | cps   |
| Lead       | 208-1 | 1256106 | 1264615 | 1271346 | 1264022 | 0.60   | cps   |
| Lithium    | 6-1   | 582012  | 565464  | 569783  | 572420  | 1.50   | cps   |
| Magnesium  | 24-2  | 1317381 | 1337900 | 1332890 | 1329390 | 0.80   | cps   |
| Manganese  | 55-2  | 7906828 | 7857859 | 7871989 | 7878892 | 0.32   | cps   |
| Molybdenum | 94-1  | 25008   | 25967   | 25149   | 25375   | 2.04   | cps   |
| Molybdenum | 95-1  | 1427    | 1620    | 1600    | 1549    | 6.86   | cps   |
| Molybdenum | 96-1  | 5715    | 6225    | 6098    | 6012    | 4.42   | cps   |
| Molybdenum | 97-1  | 930     | 773     | 860     | 854     | 9.19   | cps   |
| Molybdenum | 98-1  | 2174    | 2140    | 2224    | 2179    | 1.93   | cps   |
| Neodymium  | 150-1 | 43634   | 43454   | 42454   | 43180   | 1.47   | cps   |
| Neodymium  | 150-2 | 25099   | 24879   | 25169   | 25049   | 0.61   | cps   |
| Nickel     | 60-2  | 57520   | 57232   | 57172   | 57308   | 0.32   | cps   |
| Phosphorus | 31-2  | 11838   | 11631   | 11694   | 11721   | 0.90   | cps   |
| Potassium  | 39-2  | 1051228 | 1049705 | 1051280 | 1050738 | 0.09   | cps   |
| Rhodium    | 103-1 | 4358196 | 4347791 | 4297279 | 4334422 | 0.75   | cps   |
| Rhodium    | 103-2 | 2883310 | 2886591 | 2867485 | 2879129 | 0.35   | cps   |
| Scandium   | 45-1  | 2588119 | 2580412 | 2589058 | 2585863 | 0.18   | cps   |
| Scandium   | 45-2  | 300960  | 298257  | 297989  | 299069  | 0.55   | cps   |
| Selenium   | 82-1  | 299     | 287     | 358     | 315     | 11.96  | cps   |
| Selenium   | 77-2  | 53      | 90      | 63      | 69      | 27.52  | cps   |
| Selenium   | 78-2  | 460     | 440     | 377     | 426     | 10.22  | cps   |
| Silicon    | 28-1  | 4649242 | 4746792 | 4696624 | 4697552 | 1.04   | cps   |
| Silver     | 107-1 | 6975    | 6928    | 6862    | 6922    | 0.82   | cps   |
| Silver     | 109-1 | 6415    | 6371    | 6335    | 6374    | 0.63   | cps   |
| Sodium     | 23-2  | 88788   | 88744   | 89367   | 88966   | 0.39   | cps   |
| Strontium  | 86-1  | 136304  | 137213  | 137478  | 136998  | 0.45   | cps   |
| Strontium  | 88-1  | 1189731 | 1199213 | 1204450 | 1197798 | 0.62   | cps   |
| Sulfur     | 34-1  | 122724  | 122093  | 120967  | 121928  | 0.73   | cps   |
| Terbium    | 159-1 | 6011287 | 5957266 | 5910361 | 5959638 | 0.85   | cps   |
| Terbium    | 159-2 | 3942550 | 3975241 | 3948259 | 3955350 | 0.44   | cps   |
| Thallium   | 203-1 | 1347    | 1293    | 1160    | 1267    | 7.59   | cps   |
| Thallium   | 205-1 | 3030    | 3064    | 3027    | 3040    | 0.67   | cps   |
| Tin        | 118-1 | 12199   | 12162   | 11882   | 12081   | 1.44   | cps   |
| Titanium   | 47-1  | 356094  | 361062  | 364692  | 360616  | 1.20   | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : P4331-05DLX4 Instrumnet Name : P7  
Client Sample ID : MYDBB7D Dilution Factor : 4  
Date & Time Acquired : 2024-10-30 13:33:05 DataFile Name : 023SMPL.d

| Parameter | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|-------|---------|---------|---------|---------|--------|-------|
| Uranium   | 238-1 | 8486    | 8893    | 8610    | 8663    | 2.41   | cps   |
| Vanadium  | 51-2  | 102831  | 101613  | 102592  | 102345  | 0.63   | cps   |
| Yttrium   | 89-1  | 7950420 | 8078961 | 7936498 | 7988627 | 0.98   | cps   |
| Yttrium   | 89-2  | 2345988 | 2344782 | 2343347 | 2344706 | 0.06   | cps   |
| Zinc      | 66-2  | 134866  | 132845  | 134206  | 133972  | 0.77   | cps   |
| Zirconium | 90-1  | 64677   | 66140   | 67449   | 66089   | 2.10   | cps   |
| Zirconium | 91-1  | 14981   | 14547   | 15262   | 14930   | 2.41   | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : P4331-04LDLX20 Instrumnet Name : P7  
Client Sample ID : MYDBB7L Dilution Factor : 20  
Date & Time Acquired : 2024-10-30 13:36:14 DataFile Name : 024SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 455614   | 455259   | 459712   | 456862   | 0.54   | cps   |
| Antimony   | 121-1 | 1087     | 1183     | 1137     | 1136     | 4.26   | cps   |
| Arsenic    | 75-2  | 2377     | 2484     | 2530     | 2464     | 3.19   | cps   |
| Barium     | 135-1 | 140804   | 141161   | 140122   | 140696   | 0.38   | cps   |
| Barium     | 137-1 | 239326   | 243176   | 241979   | 241494   | 0.82   | cps   |
| Beryllium  | 9-1   | 130      | 110      | 130      | 123      | 9.36   | cps   |
| Bismuth    | 209-1 | 3526406  | 3593150  | 3574836  | 3564797  | 0.97   | cps   |
| Bismuth    | 209-2 | 2678046  | 2676748  | 2680232  | 2678342  | 0.07   | cps   |
| Bromine    | 81-1  | 5401     | 5178     | 5278     | 5285     | 2.12   | cps   |
| Bromine    | 81-2  | 80       | 100      | 107      | 96       | 14.52  | cps   |
| Cadmium    | 108-1 | 70       | 80       | 67       | 72       | 9.61   | cps   |
| Cadmium    | 106-1 | 1160     | 1137     | 1087     | 1128     | 3.32   | cps   |
| Cadmium    | 111-1 | 1716     | 1516     | 1561     | 1598     | 6.57   | cps   |
| Calcium    | 43-1  | 19386    | 19566    | 19286    | 19413    | 0.73   | cps   |
| Calcium    | 44-1  | 316295   | 321564   | 322051   | 319970   | 1.00   | cps   |
| Carbon     | 12-1  |          |          |          |          |        | cps   |
| Carbon     | 12-2  |          |          |          |          |        | cps   |
| Chlorine   | 35-1  |          |          |          |          |        | cps   |
| Chlorine   | 35-2  |          |          |          |          |        | cps   |
| Chromium   | 52-2  | 21352    | 20804    | 20948    | 21035    | 1.35   | cps   |
| Cobalt     | 59-2  | 15171    | 15478    | 15335    | 15328    | 1.00   | cps   |
| Copper     | 63-2  | 252169   | 249752   | 249793   | 250571   | 0.55   | cps   |
| Dysprosium | 156-1 | 3704     | 3637     | 3634     | 3658     | 1.08   | cps   |
| Dysprosium | 156-2 | 3477     | 3444     | 3754     | 3558     | 4.78   | cps   |
| Erbium     | 164-1 | 2200     | 2460     | 2240     | 2300     | 6.09   | cps   |
| Erbium     | 164-2 | 1753     | 1637     | 1593     | 1661     | 4.98   | cps   |
| Gadolinium | 160-1 | 3130     | 3220     | 3070     | 3140     | 2.40   | cps   |
| Gadolinium | 160-2 | 2347     | 2490     | 2457     | 2431     | 3.09   | cps   |
| Holmium    | 165-1 | 5645450  | 5661863  | 5544149  | 5617154  | 1.13   | cps   |
| Holmium    | 165-2 | 3909573  | 3808044  | 3877624  | 3865080  | 1.34   | cps   |
| Indium     | 115-1 | 4577372  | 4645477  | 4583832  | 4602227  | 0.82   | cps   |
| Indium     | 115-2 | 1702299  | 1694764  | 1701233  | 1699432  | 0.24   | cps   |
| Iron       | 56-2  | 10822982 | 10845554 | 10813291 | 10827276 | 0.15   | cps   |
| Iron       | 57-2  | 280936   | 280685   | 278620   | 280080   | 0.45   | cps   |
| Iron       | 54-2  | 624669   | 618516   | 620419   | 621202   | 0.51   | cps   |
| Krypton    | 83-1  | 200      | 160      | 180      | 180      | 11.11  | cps   |



LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : P4331-04LDLX20 Instrumnet Name : P7  
Client Sample ID : MYDBB7L Dilution Factor : 20  
Date & Time Acquired : 2024-10-30 13:36:14 DataFile Name : 024SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Lead       | 206-1 | 61666   | 62218   | 63200   | 62361   | 1.25   | cps   |
| Lead       | 207-1 | 54987   | 56601   | 56530   | 56039   | 1.63   | cps   |
| Lead       | 208-1 | 249704  | 251884  | 253723  | 251770  | 0.80   | cps   |
| Lithium    | 6-1   | 574842  | 572550  | 566028  | 571140  | 0.80   | cps   |
| Magnesium  | 24-2  | 270751  | 271746  | 269996  | 270831  | 0.32   | cps   |
| Manganese  | 55-2  | 1733575 | 1735946 | 1700915 | 1723479 | 1.14   | cps   |
| Molybdenum | 94-1  | 5318    | 5491    | 5348    | 5386    | 1.72   | cps   |
| Molybdenum | 95-1  | 447     | 437     | 403     | 429     | 5.29   | cps   |
| Molybdenum | 96-1  | 1390    | 1343    | 1383    | 1372    | 1.84   | cps   |
| Molybdenum | 97-1  | 267     | 297     | 257     | 273     | 7.62   | cps   |
| Molybdenum | 98-1  | 630     | 650     | 537     | 606     | 9.99   | cps   |
| Neodymium  | 150-1 | 8062    | 8683    | 8569    | 8438    | 3.91   | cps   |
| Neodymium  | 150-2 | 5041    | 5091    | 4834    | 4989    | 2.73   | cps   |
| Nickel     | 60-2  | 11948   | 11138   | 11318   | 11468   | 3.71   | cps   |
| Phosphorus | 31-2  | 2607    | 2487    | 2537    | 2544    | 2.37   | cps   |
| Potassium  | 39-2  | 268818  | 268006  | 268957  | 268594  | 0.19   | cps   |
| Rhodium    | 103-1 | 4420375 | 4318667 | 4367231 | 4368758 | 1.16   | cps   |
| Rhodium    | 103-2 | 2870222 | 2830921 | 2888433 | 2863192 | 1.03   | cps   |
| Scandium   | 45-1  | 2546400 | 2498051 | 2461041 | 2501831 | 1.71   | cps   |
| Scandium   | 45-2  | 289108  | 286185  | 287872  | 287721  | 0.51   | cps   |
| Selenium   | 82-1  | 222     | 282     | 252     | 252     | 11.85  | cps   |
| Selenium   | 77-2  | 20      | 10      | 10      | 13      | 43.30  | cps   |
| Selenium   | 78-2  | 353     | 303     | 330     | 329     | 7.61   | cps   |
| Silicon    | 28-1  | 1095440 | 1088091 | 1085201 | 1089577 | 0.48   | cps   |
| Silver     | 107-1 | 1480    | 1457    | 1527    | 1488    | 2.40   | cps   |
| Silver     | 109-1 | 1230    | 1417    | 1310    | 1319    | 7.10   | cps   |
| Sodium     | 23-2  | 47055   | 47125   | 47891   | 47357   | 0.98   | cps   |
| Strontium  | 86-1  | 27880   | 28244   | 28725   | 28283   | 1.50   | cps   |
| Strontium  | 88-1  | 243178  | 246463  | 247832  | 245824  | 0.97   | cps   |
| Sulfur     | 34-1  | 110505  | 109727  | 110281  | 110171  | 0.36   | cps   |
| Terbium    | 159-1 | 5914154 | 5864545 | 5776725 | 5851808 | 1.19   | cps   |
| Terbium    | 159-2 | 3869320 | 3859969 | 3900753 | 3876681 | 0.55   | cps   |
| Thallium   | 203-1 | 353     | 400     | 390     | 381     | 6.45   | cps   |
| Thallium   | 205-1 | 860     | 900     | 867     | 876     | 2.45   | cps   |
| Tin        | 118-1 | 3180    | 3257    | 3114    | 3184    | 2.25   | cps   |
| Titanium   | 47-1  | 70055   | 70640   | 70768   | 70488   | 0.54   | cps   |

LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

P4331-04LDLX20

Instrumnet Name :

P7

Client Sample ID :

MYDBB7L

Dilution Factor :

20

Date & Time Acquired :

2024-10-30 13:36:14

DataFile Name :

024SMPL.d

| Parameter | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|-------|---------|---------|---------|---------|--------|-------|
| Uranium   | 238-1 | 1673    | 1880    | 1850    | 1801    | 6.20   | cps   |
| Vanadium  | 51-2  | 20127   | 20093   | 20724   | 20315   | 1.75   | cps   |
| Yttrium   | 89-1  | 7712509 | 7704016 | 7626483 | 7681003 | 0.62   | cps   |
| Yttrium   | 89-2  | 2290643 | 2305885 | 2288964 | 2295164 | 0.41   | cps   |
| Zinc      | 66-2  | 26797   | 26868   | 26547   | 26737   | 0.63   | cps   |
| Zirconium | 90-1  | 12502   | 13911   | 13253   | 13222   | 5.33   | cps   |
| Zirconium | 91-1  | 2884    | 2954    | 2970    | 2936    | 1.57   | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : P4331-06REDLX4 Instrumnet Name : P7  
Client Sample ID : MYDBB7S Dilution Factor : 4  
Date & Time Acquired : 2024-10-30 13:39:32 DataFile Name : 025SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 983     | 993     | 993     | 990     | 0.58   | cps   |
| Antimony   | 121-1 | 70      | 87      | 107     | 88      | 20.92  | cps   |
| Arsenic    | 75-2  | 13      | 10      | 10      | 11      | 17.30  | cps   |
| Barium     | 135-1 | 270     | 263     | 250     | 261     | 3.90   | cps   |
| Barium     | 137-1 | 463     | 500     | 430     | 464     | 7.54   | cps   |
| Beryllium  | 9-1   | 17      | 17      | 13      | 16      | 12.40  | cps   |
| Bismuth    | 209-1 | 3495979 | 3519913 | 3493440 | 3503110 | 0.42   | cps   |
| Bismuth    | 209-2 | 2627432 | 2690061 | 2656451 | 2657981 | 1.18   | cps   |
| Bromine    | 81-1  | 5334    | 5051    | 5211    | 5199    | 2.73   | cps   |
| Bromine    | 81-2  | 43      | 87      | 63      | 64      | 33.66  | cps   |
| Cadmium    | 108-1 | 10      | 17      | 10      | 12      | 31.50  | cps   |
| Cadmium    | 106-1 | 1100    | 1103    | 1100    | 1101    | 0.17   | cps   |
| Cadmium    | 111-1 | 773     | 771     | 776     | 773     | 0.37   | cps   |
| Calcium    | 43-1  | 260     | 263     | 223     | 249     | 8.92   | cps   |
| Calcium    | 44-1  | 11988   | 11651   | 11605   | 11748   | 1.78   | cps   |
| Carbon     | 12-1  |         |         |         |         |        | cps   |
| Carbon     | 12-2  |         |         |         |         |        | cps   |
| Chlorine   | 35-1  |         |         |         |         |        | cps   |
| Chlorine   | 35-2  |         |         |         |         |        | cps   |
| Chromium   | 52-2  | 607     | 650     | 603     | 620     | 4.20   | cps   |
| Cobalt     | 59-2  | 103     | 137     | 123     | 121     | 13.86  | cps   |
| Copper     | 63-2  | 1910    | 1707    | 1793    | 1803    | 5.66   | cps   |
| Dysprosium | 156-1 | 120     | 100     | 150     | 123     | 20.40  | cps   |
| Dysprosium | 156-2 | 37      | 60      | 50      | 49      | 23.94  | cps   |
| Erbium     | 164-1 | 37      | 63      | 37      | 46      | 33.79  | cps   |
| Erbium     | 164-2 | 27      | 23      | 10      | 20      | 44.10  | cps   |
| Gadolinium | 160-1 | 20      | 27      | 20      | 22      | 17.33  | cps   |
| Gadolinium | 160-2 | 133     | 157     | 183     | 158     | 15.86  | cps   |
| Holmium    | 165-1 | 5674312 | 5679916 | 5547390 | 5633872 | 1.33   | cps   |
| Holmium    | 165-2 | 3800152 | 3814258 | 3825239 | 3813216 | 0.33   | cps   |
| Indium     | 115-1 | 4583924 | 4624784 | 4535935 | 4581547 | 0.97   | cps   |
| Indium     | 115-2 | 1720919 | 1716568 | 1716679 | 1718055 | 0.14   | cps   |
| Iron       | 56-2  | 27328   | 26750   | 27178   | 27086   | 1.11   | cps   |
| Iron       | 57-2  | 3174    | 2817    | 2990    | 2994    | 5.96   | cps   |
| Iron       | 54-2  | 2137    | 2220    | 2140    | 2166    | 2.18   | cps   |
| Krypton    | 83-1  | 200     | 203     | 160     | 188     | 12.84  | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : P4331-06REDLX4 Instrumnet Name : P7  
Client Sample ID : MYDBB7S Dilution Factor : 4  
Date & Time Acquired : 2024-10-30 13:39:32 DataFile Name : 025SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Lead       | 206-1 | 623     | 547     | 520     | 563     | 9.52   | cps   |
| Lead       | 207-1 | 393     | 510     | 487     | 463     | 13.32  | cps   |
| Lead       | 208-1 | 2170    | 2207    | 2007    | 2128    | 5.00   | cps   |
| Lithium    | 6-1   | 559104  | 558218  | 552348  | 556557  | 0.66   | cps   |
| Magnesium  | 24-2  | 1270    | 1137    | 1137    | 1181    | 6.52   | cps   |
| Manganese  | 55-2  | 2867    | 2867    | 2794    | 2843    | 1.49   | cps   |
| Molybdenum | 94-1  | 243     | 210     | 190     | 214     | 12.57  | cps   |
| Molybdenum | 95-1  | 200     | 187     | 183     | 190     | 4.64   | cps   |
| Molybdenum | 96-1  | 210     | 220     | 173     | 201     | 12.22  | cps   |
| Molybdenum | 97-1  | 80      | 113     | 117     | 103     | 19.62  | cps   |
| Molybdenum | 98-1  | 230     | 250     | 270     | 250     | 8.00   | cps   |
| Neodymium  | 150-1 | 30      | 17      | 20      | 22      | 31.22  | cps   |
| Neodymium  | 150-2 | 10      | 10      | 7       | 9       | 21.63  | cps   |
| Nickel     | 60-2  | 160     | 137     | 83      | 127     | 31.03  | cps   |
| Phosphorus | 31-2  | 137     | 150     | 120     | 136     | 11.09  | cps   |
| Potassium  | 39-2  | 77697   | 77978   | 77814   | 77830   | 0.18   | cps   |
| Rhodium    | 103-1 | 4402321 | 4368916 | 4292805 | 4354681 | 1.29   | cps   |
| Rhodium    | 103-2 | 2872520 | 2841729 | 2870362 | 2861537 | 0.60   | cps   |
| Scandium   | 45-1  | 2469799 | 2496230 | 2455967 | 2473999 | 0.83   | cps   |
| Scandium   | 45-2  | 283262  | 282031  | 281716  | 282336  | 0.29   | cps   |
| Selenium   | 82-1  | 236     | 221     | 256     | 238     | 7.33   | cps   |
| Selenium   | 77-2  | 0       | 3       | 0       | 1       | 173.21 | cps   |
| Selenium   | 78-2  | 373     | 343     | 313     | 343     | 8.74   | cps   |
| Silicon    | 28-1  | 173960  | 176397  | 174854  | 175070  | 0.70   | cps   |
| Silver     | 107-1 | 83      | 110     | 110     | 101     | 15.23  | cps   |
| Silver     | 109-1 | 57      | 73      | 47      | 59      | 22.87  | cps   |
| Sodium     | 23-2  | 36898   | 36593   | 34960   | 36150   | 2.88   | cps   |
| Strontium  | 86-1  | 520     | 520     | 513     | 518     | 0.74   | cps   |
| Strontium  | 88-1  | 1827    | 1810    | 1730    | 1789    | 2.89   | cps   |
| Sulfur     | 34-1  | 109831  | 109270  | 110136  | 109746  | 0.40   | cps   |
| Terbium    | 159-1 | 5848453 | 5876356 | 5825583 | 5850131 | 0.43   | cps   |
| Terbium    | 159-2 | 3914159 | 3774740 | 3856890 | 3848596 | 1.82   | cps   |
| Thallium   | 203-1 | 140     | 153     | 143     | 146     | 4.77   | cps   |
| Thallium   | 205-1 | 273     | 347     | 327     | 316     | 12.01  | cps   |
| Tin        | 118-1 | 937     | 860     | 943     | 913     | 5.07   | cps   |
| Titanium   | 47-1  | 183     | 207     | 243     | 211     | 14.33  | cps   |

LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

P4331-06REDLX4

Instrumnet Name :

P7

Client Sample ID :

MYDBB7S

Dilution Factor :

4

Date & Time Acquired :

2024-10-30 13:39:32

DataFile Name :

025SMPL.d

| Parameter | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|-------|---------|---------|---------|---------|--------|-------|
| Uranium   | 238-1 | 73      | 77      | 83      | 78      | 6.55   | cps   |
| Vanadium  | 51-2  | 70      | 80      | 33      | 61      | 40.21  | cps   |
| Yttrium   | 89-1  | 7566834 | 7630803 | 7519786 | 7572474 | 0.74   | cps   |
| Yttrium   | 89-2  | 2267673 | 2227587 | 2241590 | 2245617 | 0.91   | cps   |
| Zinc      | 66-2  | 453     | 520     | 443     | 472     | 8.83   | cps   |
| Zirconium | 90-1  | 367     | 373     | 420     | 387     | 7.52   | cps   |
| Zirconium | 91-1  | 90      | 87      | 97      | 91      | 5.59   | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : P4331-04REMSDLX4 Instrumnet Name : P7  
Client Sample ID : MYDBB7SRE Dilution Factor : 4  
Date & Time Acquired : 2024-10-30 13:42:49 DataFile Name : 026SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 717     | 647     | 597     | 653     | 9.23   | cps   |
| Antimony   | 121-1 | 70      | 70      | 87      | 76      | 12.74  | cps   |
| Arsenic    | 75-2  | 13      | 7       | 3       | 8       | 65.47  | cps   |
| Barium     | 135-1 | 113     | 123     | 97      | 111     | 12.13  | cps   |
| Barium     | 137-1 | 243     | 193     | 230     | 222     | 11.65  | cps   |
| Beryllium  | 9-1   | 20      | 17      | 20      | 19      | 10.18  | cps   |
| Bismuth    | 209-1 | 3533378 | 3652090 | 3514335 | 3566601 | 2.09   | cps   |
| Bismuth    | 209-2 | 2664302 | 2688606 | 2676049 | 2676319 | 0.45   | cps   |
| Bromine    | 81-1  | 5371    | 5141    | 5241    | 5251    | 2.20   | cps   |
| Bromine    | 81-2  | 57      | 40      | 60      | 52      | 20.52  | cps   |
| Cadmium    | 108-1 | 3       | 10      | 0       | 4       | 114.60 | cps   |
| Cadmium    | 106-1 | 1033    | 1137    | 1160    | 1110    | 6.07   | cps   |
| Cadmium    | 111-1 | 728     | 809     | 839     | 792     | 7.25   | cps   |
| Calcium    | 43-1  | 270     | 190     | 247     | 236     | 17.47  | cps   |
| Calcium    | 44-1  | 11685   | 11401   | 11588   | 11558   | 1.25   | cps   |
| Carbon     | 12-1  |         |         |         |         |        | cps   |
| Carbon     | 12-2  |         |         |         |         |        | cps   |
| Chlorine   | 35-1  |         |         |         |         |        | cps   |
| Chlorine   | 35-2  |         |         |         |         |        | cps   |
| Chromium   | 52-2  | 690     | 700     | 597     | 662     | 8.61   | cps   |
| Cobalt     | 59-2  | 100     | 120     | 97      | 106     | 11.95  | cps   |
| Copper     | 63-2  | 1420    | 1403    | 1377    | 1400    | 1.56   | cps   |
| Dysprosium | 156-1 | 113     | 167     | 157     | 146     | 19.48  | cps   |
| Dysprosium | 156-2 | 33      | 60      | 37      | 43      | 33.53  | cps   |
| Erbium     | 164-1 | 33      | 27      | 40      | 33      | 20.00  | cps   |
| Erbium     | 164-2 | 30      | 17      | 40      | 29      | 40.51  | cps   |
| Gadolinium | 160-1 | 27      | 23      | 30      | 27      | 12.51  | cps   |
| Gadolinium | 160-2 | 147     | 173     | 153     | 158     | 8.80   | cps   |
| Holmium    | 165-1 | 5647928 | 5644402 | 5554939 | 5615756 | 0.94   | cps   |
| Holmium    | 165-2 | 3783300 | 3799542 | 3851069 | 3811304 | 0.93   | cps   |
| Indium     | 115-1 | 4576679 | 4601963 | 4523914 | 4567519 | 0.87   | cps   |
| Indium     | 115-2 | 1718012 | 1718213 | 1718572 | 1718266 | 0.02   | cps   |
| Iron       | 56-2  | 16603   | 17360   | 16900   | 16954   | 2.25   | cps   |
| Iron       | 57-2  | 2750    | 2810    | 2790    | 2784    | 1.10   | cps   |
| Iron       | 54-2  | 1790    | 1597    | 1550    | 1646    | 7.73   | cps   |
| Krypton    | 83-1  | 230     | 223     | 173     | 209     | 14.83  | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : P4331-04REMSDLX4 Instrumnet Name : P7  
Client Sample ID : MYDBB7SRE Dilution Factor : 4  
Date & Time Acquired : 2024-10-30 13:42:49 DataFile Name : 026SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Lead       | 206-1 | 430     | 373     | 470     | 424     | 11.44  | cps   |
| Lead       | 207-1 | 367     | 427     | 383     | 392     | 7.90   | cps   |
| Lead       | 208-1 | 1683    | 1710    | 1697    | 1697    | 0.79   | cps   |
| Lithium    | 6-1   | 560009  | 566144  | 561384  | 562512  | 0.57   | cps   |
| Magnesium  | 24-2  | 933     | 857     | 980     | 923     | 6.74   | cps   |
| Manganese  | 55-2  | 1153    | 1010    | 1027    | 1063    | 7.37   | cps   |
| Molybdenum | 94-1  | 210     | 227     | 213     | 217     | 4.07   | cps   |
| Molybdenum | 95-1  | 150     | 210     | 180     | 180     | 16.67  | cps   |
| Molybdenum | 96-1  | 197     | 180     | 203     | 193     | 6.22   | cps   |
| Molybdenum | 97-1  | 113     | 130     | 87      | 110     | 19.87  | cps   |
| Molybdenum | 98-1  | 293     | 247     | 237     | 259     | 11.68  | cps   |
| Neodymium  | 150-1 | 17      | 3       | 13      | 11      | 62.48  | cps   |
| Neodymium  | 150-2 | 7       | 0       | 0       | 2       | 173.21 | cps   |
| Nickel     | 60-2  | 113     | 120     | 87      | 107     | 16.53  | cps   |
| Phosphorus | 31-2  | 147     | 103     | 147     | 132     | 18.92  | cps   |
| Potassium  | 39-2  | 76642   | 77637   | 76826   | 77035   | 0.69   | cps   |
| Rhodium    | 103-1 | 4375583 | 4316702 | 4324492 | 4338925 | 0.74   | cps   |
| Rhodium    | 103-2 | 2859221 | 2883012 | 2853835 | 2865356 | 0.54   | cps   |
| Scandium   | 45-1  | 2526626 | 2488816 | 2505535 | 2506992 | 0.76   | cps   |
| Scandium   | 45-2  | 283157  | 283627  | 284822  | 283869  | 0.30   | cps   |
| Selenium   | 82-1  | 190     | 178     | 220     | 196     | 11.21  | cps   |
| Selenium   | 77-2  | 0       | 0       | 0       | 0       | 0.00   | cps   |
| Selenium   | 78-2  | 357     | 260     | 283     | 300     | 16.81  | cps   |
| Silicon    | 28-1  | 172666  | 173074  | 173020  | 172920  | 0.13   | cps   |
| Silver     | 107-1 | 107     | 110     | 97      | 104     | 6.64   | cps   |
| Silver     | 109-1 | 77      | 87      | 80      | 81      | 6.28   | cps   |
| Sodium     | 23-2  | 35952   | 36487   | 35521   | 35986   | 1.34   | cps   |
| Strontium  | 86-1  | 477     | 483     | 470     | 477     | 1.40   | cps   |
| Strontium  | 88-1  | 1520    | 1457    | 1477    | 1485    | 2.18   | cps   |
| Sulfur     | 34-1  | 111872  | 112094  | 110475  | 111480  | 0.79   | cps   |
| Terbium    | 159-1 | 5843064 | 5855269 | 5767844 | 5822059 | 0.81   | cps   |
| Terbium    | 159-2 | 3854223 | 3866917 | 3848215 | 3856452 | 0.25   | cps   |
| Thallium   | 203-1 | 133     | 157     | 140     | 143     | 8.38   | cps   |
| Thallium   | 205-1 | 333     | 287     | 350     | 323     | 10.15  | cps   |
| Tin        | 118-1 | 1047    | 943     | 967     | 986     | 5.50   | cps   |
| Titanium   | 47-1  | 157     | 137     | 173     | 156     | 11.80  | cps   |

LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

P4331-04REMSDLX4

Instrumnet Name :

P7

Client Sample ID :

MYDBB7SRE

Dilution Factor :

4

Date & Time Acquired :

2024-10-30 13:42:49

DataFile Name :

026SMPL.d

| Parameter | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|-------|---------|---------|---------|---------|--------|-------|
| Uranium   | 238-1 | 70      | 70      | 60      | 67      | 8.66   | cps   |
| Vanadium  | 51-2  | 30      | 23      | 30      | 28      | 13.86  | cps   |
| Yttrium   | 89-1  | 7621967 | 7629238 | 7636949 | 7629385 | 0.10   | cps   |
| Yttrium   | 89-2  | 2287285 | 2262913 | 2248779 | 2266326 | 0.86   | cps   |
| Zinc      | 66-2  | 423     | 433     | 433     | 430     | 1.34   | cps   |
| Zirconium | 90-1  | 307     | 337     | 257     | 300     | 13.47  | cps   |
| Zirconium | 91-1  | 60      | 80      | 43      | 61      | 30.04  | cps   |



LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : P4331-06DLX4 Instrumnet Name : P7  
Client Sample ID : MYDBB7S Dilution Factor : 4  
Date & Time Acquired : 2024-10-30 13:48:15 DataFile Name : 027SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2459098  | 2407581  | 2390899  | 2419192  | 1.47   | cps   |
| Antimony   | 121-1 | 102935   | 104990   | 105940   | 104621   | 1.47   | cps   |
| Arsenic    | 75-2  | 15054    | 15295    | 14821    | 15057    | 1.57   | cps   |
| Barium     | 135-1 | 1162242  | 1177990  | 1180900  | 1173711  | 0.86   | cps   |
| Barium     | 137-1 | 2195580  | 2231622  | 2186728  | 2204644  | 1.08   | cps   |
| Beryllium  | 9-1   | 5911     | 6151     | 6181     | 6081     | 2.43   | cps   |
| Bismuth    | 209-1 | 3658625  | 3633442  | 3656648  | 3649571  | 0.38   | cps   |
| Bismuth    | 209-2 | 2699110  | 2747142  | 2700628  | 2715627  | 1.01   | cps   |
| Bromine    | 81-1  | 5584     | 5901     | 5848     | 5778     | 2.94   | cps   |
| Bromine    | 81-2  | 257      | 220      | 267      | 248      | 9.92   | cps   |
| Cadmium    | 108-1 | 1077     | 1043     | 1090     | 1070     | 2.25   | cps   |
| Cadmium    | 106-1 | 2650     | 2537     | 2624     | 2604     | 2.28   | cps   |
| Cadmium    | 111-1 | 16777    | 17311    | 17116    | 17068    | 1.58   | cps   |
| Calcium    | 43-1  | 98041    | 100986   | 100779   | 99935    | 1.64   | cps   |
| Calcium    | 44-1  | 1550700  | 1561430  | 1582219  | 1564783  | 1.02   | cps   |
| Carbon     | 12-1  |          |          |          |          |        | cps   |
| Carbon     | 12-2  |          |          |          |          |        | cps   |
| Chlorine   | 35-1  |          |          |          |          |        | cps   |
| Chlorine   | 35-2  |          |          |          |          |        | cps   |
| Chromium   | 52-2  | 206305   | 204031   | 203528   | 204621   | 0.72   | cps   |
| Cobalt     | 59-2  | 433756   | 432342   | 435224   | 433774   | 0.33   | cps   |
| Copper     | 63-2  | 1435081  | 1433527  | 1429581  | 1432730  | 0.20   | cps   |
| Dysprosium | 156-1 | 18806    | 19667    | 19380    | 19284    | 2.27   | cps   |
| Dysprosium | 156-2 | 17778    | 18062    | 18222    | 18021    | 1.25   | cps   |
| Erbium     | 164-1 | 11798    | 12442    | 12426    | 12222    | 3.00   | cps   |
| Erbium     | 164-2 | 8256     | 8202     | 8029     | 8162     | 1.45   | cps   |
| Gadolinium | 160-1 | 16416    | 16233    | 16156    | 16268    | 0.82   | cps   |
| Gadolinium | 160-2 | 11888    | 12075    | 12015    | 11993    | 0.80   | cps   |
| Holmium    | 165-1 | 5863474  | 5795952  | 5788251  | 5815892  | 0.71   | cps   |
| Holmium    | 165-2 | 3885249  | 3926749  | 3868302  | 3893433  | 0.77   | cps   |
| Indium     | 115-1 | 4748289  | 4697702  | 4673240  | 4706411  | 0.81   | cps   |
| Indium     | 115-2 | 1756004  | 1747675  | 1762321  | 1755333  | 0.42   | cps   |
| Iron       | 56-2  | 57470514 | 57468012 | 57387329 | 57441952 | 0.08   | cps   |
| Iron       | 57-2  | 1437663  | 1433263  | 1432533  | 1434487  | 0.19   | cps   |
| Iron       | 54-2  | 3252098  | 3232686  | 3167012  | 3217266  | 1.39   | cps   |
| Krypton    | 83-1  | 197      | 190      | 207      | 198      | 4.24   | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : P4331-06DLX4 Instrumnet Name : P7  
Client Sample ID : MYDBB7S Dilution Factor : 4  
Date & Time Acquired : 2024-10-30 13:48:15 DataFile Name : 027SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Lead       | 206-1 | 334016  | 338386  | 341905  | 338102  | 1.17   | cps   |
| Lead       | 207-1 | 298716  | 305731  | 302615  | 302354  | 1.16   | cps   |
| Lead       | 208-1 | 1347390 | 1362649 | 1372342 | 1360794 | 0.92   | cps   |
| Lithium    | 6-1   | 583579  | 587435  | 585726  | 585580  | 0.33   | cps   |
| Magnesium  | 24-2  | 1421303 | 1394162 | 1362562 | 1392676 | 2.11   | cps   |
| Manganese  | 55-2  | 8599377 | 8579381 | 8574413 | 8584390 | 0.15   | cps   |
| Molybdenum | 94-1  | 24411   | 25205   | 25008   | 24875   | 1.66   | cps   |
| Molybdenum | 95-1  | 1730    | 1810    | 1650    | 1730    | 4.62   | cps   |
| Molybdenum | 96-1  | 6101    | 6201    | 5918    | 6074    | 2.37   | cps   |
| Molybdenum | 97-1  | 1000    | 983     | 920     | 968     | 4.36   | cps   |
| Molybdenum | 98-1  | 2254    | 2340    | 2480    | 2358    | 4.85   | cps   |
| Neodymium  | 150-1 | 44199   | 45259   | 44135   | 44531   | 1.42   | cps   |
| Neodymium  | 150-2 | 26358   | 25824   | 26198   | 26127   | 1.05   | cps   |
| Nickel     | 60-2  | 149315  | 148767  | 150238  | 149440  | 0.50   | cps   |
| Phosphorus | 31-2  | 13102   | 12809   | 12595   | 12835   | 1.98   | cps   |
| Potassium  | 39-2  | 1075867 | 1068380 | 1068310 | 1070852 | 0.41   | cps   |
| Rhodium    | 103-1 | 4480081 | 4423112 | 4391987 | 4431727 | 1.01   | cps   |
| Rhodium    | 103-2 | 2918102 | 2908119 | 2840992 | 2889071 | 1.45   | cps   |
| Scandium   | 45-1  | 2709186 | 2648142 | 2582360 | 2646563 | 2.40   | cps   |
| Scandium   | 45-2  | 298585  | 298403  | 297632  | 298207  | 0.17   | cps   |
| Selenium   | 82-1  | 1807    | 1708    | 1748    | 1754    | 2.85   | cps   |
| Selenium   | 77-2  | 193     | 273     | 267     | 244     | 18.16  | cps   |
| Selenium   | 78-2  | 950     | 1063    | 1077    | 1030    | 6.76   | cps   |
| Silicon    | 28-1  | 4212685 | 4273533 | 4201566 | 4229261 | 0.92   | cps   |
| Silver     | 107-1 | 55726   | 56252   | 57533   | 56504   | 1.65   | cps   |
| Silver     | 109-1 | 52940   | 54810   | 54067   | 53939   | 1.75   | cps   |
| Sodium     | 23-2  | 86226   | 85794   | 85563   | 85861   | 0.39   | cps   |
| Strontium  | 86-1  | 142846  | 142933  | 144263  | 143347  | 0.55   | cps   |
| Strontium  | 88-1  | 1249795 | 1262160 | 1262269 | 1258075 | 0.57   | cps   |
| Sulfur     | 34-1  | 117635  | 115351  | 111822  | 114936  | 2.55   | cps   |
| Terbium    | 159-1 | 6028562 | 6046682 | 5874291 | 5983178 | 1.58   | cps   |
| Terbium    | 159-2 | 3970979 | 3926177 | 3964519 | 3953892 | 0.61   | cps   |
| Thallium   | 203-1 | 39293   | 40045   | 40754   | 40031   | 1.82   | cps   |
| Thallium   | 205-1 | 91881   | 93925   | 95123   | 93643   | 1.75   | cps   |
| Tin        | 118-1 | 12562   | 12792   | 13400   | 12918   | 3.35   | cps   |
| Titanium   | 47-1  | 360937  | 366264  | 363868  | 363690  | 0.73   | cps   |

LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

P4331-06DLX4

Instrumnet Name :

P7

Client Sample ID :

MYDBB7S

Dilution Factor :

4

Date & Time Acquired :

2024-10-30 13:48:15

DataFile Name :

027SMPL.d

| Parameter | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|-------|---------|---------|---------|---------|--------|-------|
| Uranium   | 238-1 | 9107    | 9213    | 8883    | 9068    | 1.86   | cps   |
| Vanadium  | 51-2  | 318624  | 319497  | 316914  | 318345  | 0.41   | cps   |
| Yttrium   | 89-1  | 8096421 | 8091090 | 8046846 | 8078119 | 0.34   | cps   |
| Yttrium   | 89-2  | 2351824 | 2382880 | 2346037 | 2360247 | 0.84   | cps   |
| Zinc      | 66-2  | 180683  | 179906  | 179977  | 180188  | 0.24   | cps   |
| Zirconium | 90-1  | 65800   | 66679   | 65775   | 66085   | 0.78   | cps   |
| Zirconium | 91-1  | 14280   | 14467   | 15185   | 14644   | 3.26   | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : P4331-04MSDLX4 Instrumnet Name : P7  
Client Sample ID : MYDBB7SRE Dilution Factor : 4  
Date & Time Acquired : 2024-10-30 13:51:25 DataFile Name : 028SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Aluminium  | 27-2  | 2443450  | 2434572  | 2409310  | 2429111  | 0.73   | cps   |
| Antimony   | 121-1 | 406708   | 412717   | 406108   | 408511   | 0.89   | cps   |
| Arsenic    | 75-2  | 23071    | 23108    | 22587    | 22922    | 1.27   | cps   |
| Barium     | 135-1 | 2805833  | 2833525  | 2847418  | 2828925  | 0.75   | cps   |
| Barium     | 137-1 | 4878479  | 4870575  | 4867719  | 4872258  | 0.11   | cps   |
| Beryllium  | 9-1   | 23404    | 23621    | 23778    | 23601    | 0.80   | cps   |
| Bismuth    | 209-1 | 3665243  | 3237098  | 3526697  | 3476346  | 6.28   | cps   |
| Bismuth    | 209-2 | 2750951  | 2740982  | 2696736  | 2729556  | 1.06   | cps   |
| Bromine    | 81-1  | 5985     | 5798     | 5988     | 5923     | 1.84   | cps   |
| Bromine    | 81-2  | 230      | 260      | 187      | 226      | 16.35  | cps   |
| Cadmium    | 108-1 | 3594     | 3404     | 3580     | 3526     | 3.01   | cps   |
| Cadmium    | 106-1 | 5925     | 6035     | 5758     | 5906     | 2.36   | cps   |
| Cadmium    | 111-1 | 52838    | 53025    | 52858    | 52907    | 0.19   | cps   |
| Calcium    | 43-1  | 96018    | 97635    | 96263    | 96639    | 0.90   | cps   |
| Calcium    | 44-1  | 1520611  | 1517209  | 1479320  | 1505713  | 1.52   | cps   |
| Carbon     | 12-1  |          |          |          |          |        | cps   |
| Carbon     | 12-2  |          |          |          |          |        | cps   |
| Chlorine   | 35-1  |          |          |          |          |        | cps   |
| Chlorine   | 35-2  |          |          |          |          |        | cps   |
| Chromium   | 52-2  | 505589   | 504325   | 501262   | 503725   | 0.44   | cps   |
| Cobalt     | 59-2  | 1583485  | 1607066  | 1570640  | 1587064  | 1.16   | cps   |
| Copper     | 63-2  | 1831655  | 1814422  | 1813317  | 1819798  | 0.57   | cps   |
| Dysprosium | 156-1 | 18375    | 19066    | 18472    | 18638    | 2.01   | cps   |
| Dysprosium | 156-2 | 17458    | 17481    | 17528    | 17489    | 0.20   | cps   |
| Erbium     | 164-1 | 11475    | 12142    | 11678    | 11765    | 2.91   | cps   |
| Erbium     | 164-2 | 8156     | 8226     | 8146     | 8176     | 0.53   | cps   |
| Gadolinium | 160-1 | 16016    | 16103    | 15716    | 15945    | 1.27   | cps   |
| Gadolinium | 160-2 | 11632    | 11205    | 11138    | 11325    | 2.37   | cps   |
| Holmium    | 165-1 | 5804188  | 5185117  | 5683938  | 5557748  | 5.91   | cps   |
| Holmium    | 165-2 | 3911289  | 3877319  | 3928007  | 3905538  | 0.66   | cps   |
| Indium     | 115-1 | 4737418  | 4187329  | 4527996  | 4484248  | 6.19   | cps   |
| Indium     | 115-2 | 1757855  | 1770221  | 1711510  | 1746529  | 1.77   | cps   |
| Iron       | 56-2  | 56395922 | 56291051 | 55579161 | 56088711 | 0.79   | cps   |
| Iron       | 57-2  | 1397892  | 1398288  | 1375068  | 1390416  | 0.96   | cps   |
| Iron       | 54-2  | 3114162  | 3132265  | 3135415  | 3127281  | 0.37   | cps   |
| Krypton    | 83-1  | 190      | 200      | 190      | 193      | 2.99   | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : P4331-04MSDLX4 Instrumnet Name : P7  
Client Sample ID : MYDBB7SRE Dilution Factor : 4  
Date & Time Acquired : 2024-10-30 13:51:25 DataFile Name : 028SMPL.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Lead       | 206-1 | 373388  | 371410  | 369571  | 371456  | 0.51   | cps   |
| Lead       | 207-1 | 328418  | 329465  | 322792  | 326892  | 1.10   | cps   |
| Lead       | 208-1 | 1484050 | 1483154 | 1467934 | 1478379 | 0.61   | cps   |
| Lithium    | 6-1   | 594875  | 536550  | 575682  | 569036  | 5.22   | cps   |
| Magnesium  | 24-2  | 1306523 | 1317567 | 1311319 | 1311803 | 0.42   | cps   |
| Manganese  | 55-2  | 8911579 | 8884850 | 8744551 | 8846994 | 1.01   | cps   |
| Molybdenum | 94-1  | 24321   | 23663   | 23142   | 23708   | 2.49   | cps   |
| Molybdenum | 95-1  | 1677    | 1707    | 1767    | 1717    | 2.67   | cps   |
| Molybdenum | 96-1  | 6285    | 5641    | 5751    | 5892    | 5.84   | cps   |
| Molybdenum | 97-1  | 890     | 887     | 957     | 911     | 4.33   | cps   |
| Molybdenum | 98-1  | 2357    | 2294    | 2337    | 2329    | 1.39   | cps   |
| Neodymium  | 150-1 | 44159   | 43998   | 43146   | 43768   | 1.24   | cps   |
| Neodymium  | 150-2 | 25303   | 25630   | 25006   | 25313   | 1.23   | cps   |
| Nickel     | 60-2  | 432607  | 428643  | 427463  | 429571  | 0.63   | cps   |
| Phosphorus | 31-2  | 12065   | 11474   | 11815   | 11785   | 2.51   | cps   |
| Potassium  | 39-2  | 1029791 | 1023300 | 1022816 | 1025302 | 0.38   | cps   |
| Rhodium    | 103-1 | 4445166 | 3939396 | 4338054 | 4240872 | 6.28   | cps   |
| Rhodium    | 103-2 | 2915961 | 2934471 | 2827482 | 2892638 | 1.98   | cps   |
| Scandium   | 45-1  | 2614858 | 2319331 | 2551683 | 2495291 | 6.24   | cps   |
| Scandium   | 45-2  | 296912  | 293308  | 289883  | 293368  | 1.20   | cps   |
| Selenium   | 82-1  | 6654    | 6626    | 6505    | 6595    | 1.20   | cps   |
| Selenium   | 77-2  | 777     | 853     | 843     | 824     | 5.06   | cps   |
| Selenium   | 78-2  | 2904    | 2830    | 2754    | 2829    | 2.65   | cps   |
| Silicon    | 28-1  | 4056248 | 4072326 | 4112175 | 4080250 | 0.71   | cps   |
| Silver     | 107-1 | 192694  | 190827  | 197885  | 193802  | 1.89   | cps   |
| Silver     | 109-1 | 179476  | 184188  | 184337  | 182667  | 1.51   | cps   |
| Sodium     | 23-2  | 85023   | 86682   | 84983   | 85563   | 1.13   | cps   |
| Strontium  | 86-1  | 139672  | 141197  | 138094  | 139654  | 1.11   | cps   |
| Strontium  | 88-1  | 1223706 | 1218121 | 1213638 | 1218488 | 0.41   | cps   |
| Sulfur     | 34-1  | 108964  | 106890  | 107961  | 107939  | 0.96   | cps   |
| Terbium    | 159-1 | 6151289 | 5407175 | 5846237 | 5801567 | 6.45   | cps   |
| Terbium    | 159-2 | 3972631 | 3863199 | 3902367 | 3912732 | 1.42   | cps   |
| Thallium   | 203-1 | 163461  | 160369  | 159948  | 161259  | 1.19   | cps   |
| Thallium   | 205-1 | 382658  | 384094  | 375997  | 380916  | 1.13   | cps   |
| Tin        | 118-1 | 13099   | 12879   | 12873   | 12950   | 1.00   | cps   |
| Titanium   | 47-1  | 346147  | 352136  | 352177  | 350153  | 0.99   | cps   |

LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

P4331-04MSDLX4

Instrumnet Name :

P7

Client Sample ID :

MYDBB7SRE

Dilution Factor :

4

Date & Time Acquired :

2024-10-30 13:51:25

DataFile Name :

028SMPL.d

| Parameter | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|-------|---------|---------|---------|---------|--------|-------|
| Uranium   | 238-1 | 9113    | 8786    | 8926    | 8942    | 1.83   | cps   |
| Vanadium  | 51-2  | 980773  | 982293  | 981998  | 981688  | 0.08   | cps   |
| Yttrium   | 89-1  | 7991697 | 7171543 | 7794442 | 7652561 | 5.59   | cps   |
| Yttrium   | 89-2  | 2348075 | 2401252 | 2319188 | 2356171 | 1.77   | cps   |
| Zinc      | 66-2  | 307578  | 306993  | 307636  | 307402  | 0.12   | cps   |
| Zirconium | 90-1  | 64175   | 65050   | 64375   | 64533   | 0.71   | cps   |
| Zirconium | 91-1  | 13693   | 14150   | 14020   | 13955   | 1.69   | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : P4331-04A Instrumnet Name : P7  
Client Sample ID : MYDBB7ARE Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 13:54:30 DataFile Name : 029SMPL.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 8972614   | 8780655   | 8838695   | 8863988   | 1.11   | cps   |
| Antimony   | 121-1 | 20708     | 21696     | 20705     | 21037     | 2.72   | cps   |
| Arsenic    | 75-2  | 48124     | 48402     | 47362     | 47963     | 1.12   | cps   |
| Barium     | 135-1 | 2985274   | 2988922   | 2993583   | 2989260   | 0.14   | cps   |
| Barium     | 137-1 | 5149124   | 5205541   | 5242226   | 5198964   | 0.90   | cps   |
| Beryllium  | 9-1   | 1887      | 2080      | 2134      | 2033      | 6.38   | cps   |
| Bismuth    | 209-1 | 3694650   | 3672402   | 3673027   | 3680026   | 0.34   | cps   |
| Bismuth    | 209-2 | 2775215   | 2783105   | 2738131   | 2765484   | 0.87   | cps   |
| Bromine    | 81-1  | 7362      | 7319      | 7896      | 7525      | 4.27   | cps   |
| Bromine    | 81-2  | 773       | 693       | 777       | 748       | 6.31   | cps   |
| Cadmium    | 108-1 | 1280      | 1190      | 1340      | 1270      | 5.95   | cps   |
| Cadmium    | 106-1 | 3280      | 3094      | 2864      | 3079      | 6.78   | cps   |
| Cadmium    | 111-1 | 17509     | 17989     | 17763     | 17754     | 1.35   | cps   |
| Calcium    | 43-1  | 364571    | 376041    | 373878    | 371497    | 1.64   | cps   |
| Calcium    | 44-1  | 5721611   | 5878290   | 5794135   | 5798012   | 1.35   | cps   |
| Carbon     | 12-1  |           |           |           |           |        | cps   |
| Carbon     | 12-2  |           |           |           |           |        | cps   |
| Chlorine   | 35-1  |           |           |           |           |        | cps   |
| Chlorine   | 35-2  |           |           |           |           |        | cps   |
| Chromium   | 52-2  | 409087    | 403625    | 406650    | 406454    | 0.67   | cps   |
| Cobalt     | 59-2  | 295893    | 292176    | 293210    | 293759    | 0.65   | cps   |
| Copper     | 63-2  | 5057386   | 5028828   | 4998092   | 5028102   | 0.59   | cps   |
| Dysprosium | 156-1 | 70710     | 72144     | 71953     | 71602     | 1.09   | cps   |
| Dysprosium | 156-2 | 68988     | 67642     | 69805     | 68812     | 1.59   | cps   |
| Erbium     | 164-1 | 45183     | 46330     | 46387     | 45967     | 1.48   | cps   |
| Erbium     | 164-2 | 31883     | 31459     | 31242     | 31528     | 1.03   | cps   |
| Gadolinium | 160-1 | 60299     | 63011     | 60932     | 61414     | 2.31   | cps   |
| Gadolinium | 160-2 | 45948     | 45286     | 45527     | 45587     | 0.73   | cps   |
| Holmium    | 165-1 | 5894604   | 5832649   | 5724047   | 5817100   | 1.48   | cps   |
| Holmium    | 165-2 | 3955020   | 3898364   | 3923566   | 3925650   | 0.72   | cps   |
| Indium     | 115-1 | 4682835   | 4689207   | 4568093   | 4646712   | 1.47   | cps   |
| Indium     | 115-2 | 1739697   | 1745203   | 1724464   | 1736455   | 0.62   | cps   |
| Iron       | 56-2  | 215992550 | 213495317 | 213771910 | 214419926 | 0.64   | cps   |
| Iron       | 57-2  | 5333870   | 5320882   | 5293588   | 5316114   | 0.39   | cps   |
| Iron       | 54-2  | 11887058  | 11783335  | 11840399  | 11836931  | 0.44   | cps   |
| Krypton    | 83-1  | 287       | 237       | 233       | 252       | 11.84  | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : P4331-04A Instrumnet Name : P7  
Client Sample ID : MYDBB7ARE Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 13:54:30 DataFile Name : 029SMPL.d

| Parameter  | Mass  | CPS1     | CPS2     | CPS3     | CPSMean  | CPSRSD | Units |
|------------|-------|----------|----------|----------|----------|--------|-------|
| Lead       | 206-1 | 1202117  | 1228130  | 1233560  | 1221269  | 1.38   | cps   |
| Lead       | 207-1 | 1081263  | 1098260  | 1087817  | 1089114  | 0.79   | cps   |
| Lead       | 208-1 | 5240224  | 5348548  | 5345457  | 5311410  | 1.16   | cps   |
| Lithium    | 6-1   | 588927   | 569020   | 568172   | 575373   | 2.04   | cps   |
| Magnesium  | 24-2  | 5213958  | 5175296  | 5203443  | 5197566  | 0.38   | cps   |
| Manganese  | 55-2  | 34058095 | 33772455 | 33942083 | 33924211 | 0.42   | cps   |
| Molybdenum | 94-1  | 101456   | 105730   | 106069   | 104418   | 2.46   | cps   |
| Molybdenum | 95-1  | 5628     | 5878     | 5604     | 5703     | 2.66   | cps   |
| Molybdenum | 96-1  | 23139    | 23592    | 24935    | 23889    | 3.91   | cps   |
| Molybdenum | 97-1  | 3050     | 2930     | 2950     | 2977     | 2.16   | cps   |
| Molybdenum | 98-1  | 7625     | 7675     | 7986     | 7762     | 2.51   | cps   |
| Neodymium  | 150-1 | 167695   | 169110   | 171124   | 169310   | 1.02   | cps   |
| Neodymium  | 150-2 | 99468    | 100575   | 100663   | 100235   | 0.66   | cps   |
| Nickel     | 60-2  | 223228   | 220942   | 221410   | 221860   | 0.54   | cps   |
| Phosphorus | 31-2  | 46260    | 46450    | 45417    | 46042    | 1.19   | cps   |
| Potassium  | 39-2  | 3694547  | 3635700  | 3610771  | 3647006  | 1.18   | cps   |
| Rhodium    | 103-1 | 4355458  | 4304982  | 4287980  | 4316140  | 0.81   | cps   |
| Rhodium    | 103-2 | 2843852  | 2889749  | 2839220  | 2857607  | 0.98   | cps   |
| Scandium   | 45-1  | 2769152  | 2754354  | 2675357  | 2732954  | 1.85   | cps   |
| Scandium   | 45-2  | 310245   | 309238   | 310751   | 310078   | 0.25   | cps   |
| Selenium   | 82-1  | 460      | 537      | 575      | 524      | 11.18  | cps   |
| Selenium   | 77-2  | 267      | 293      | 370      | 310      | 17.31  | cps   |
| Selenium   | 78-2  | 640      | 580      | 590      | 603      | 5.33   | cps   |
| Silicon    | 28-1  | 17599386 | 17712802 | 17588574 | 17633587 | 0.39   | cps   |
| Silver     | 107-1 | 53408    | 54579    | 54495    | 54161    | 1.21   | cps   |
| Silver     | 109-1 | 51327    | 51113    | 51538    | 51326    | 0.41   | cps   |
| Sodium     | 23-2  | 236102   | 236410   | 237478   | 236663   | 0.31   | cps   |
| Strontium  | 86-1  | 540554   | 549873   | 553091   | 547839   | 1.19   | cps   |
| Strontium  | 88-1  | 4840476  | 4990663  | 4974710  | 4935283  | 1.67   | cps   |
| Sulfur     | 34-1  | 122953   | 120726   | 120191   | 121290   | 1.21   | cps   |
| Terbium    | 159-1 | 6061065  | 5902832  | 5962148  | 5975348  | 1.34   | cps   |
| Terbium    | 159-2 | 4034220  | 3930101  | 3937950  | 3967424  | 1.46   | cps   |
| Thallium   | 203-1 | 4501     | 4691     | 4771     | 4654     | 2.98   | cps   |
| Thallium   | 205-1 | 10628    | 10784    | 11165    | 10859    | 2.54   | cps   |
| Tin        | 118-1 | 43957    | 44301    | 43806    | 44022    | 0.58   | cps   |
| Titanium   | 47-1  | 1388504  | 1429331  | 1408734  | 1408856  | 1.45   | cps   |



LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

P4331-04A

Instrumnet Name :

P7

Client Sample ID :

MYDBB7ARE

Dilution Factor :

1

Date & Time Acquired :

2024-10-30 13:54:30

DataFile Name :

029SMPL.d

| Parameter | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|-------|---------|---------|---------|---------|--------|-------|
| Uranium   | 238-1 | 33165   | 34782   | 34879   | 34275   | 2.81   | cps   |
| Vanadium  | 51-2  | 404284  | 400670  | 398335  | 401096  | 0.75   | cps   |
| Yttrium   | 89-1  | 8547872 | 8418499 | 8370360 | 8445577 | 1.09   | cps   |
| Yttrium   | 89-2  | 2481996 | 2465009 | 2489821 | 2478942 | 0.51   | cps   |
| Zinc      | 66-2  | 525875  | 514014  | 515831  | 518573  | 1.23   | cps   |
| Zirconium | 90-1  | 270255  | 277467  | 277875  | 275199  | 1.56   | cps   |
| Zirconium | 91-1  | 60652   | 60451   | 62220   | 61108   | 1.58   | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : CCV036 Instrumnet Name : P7  
Client Sample ID : CCV036 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 13:57:36 DataFile Name : 030CCV.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Aluminium  | 27-2  | 6804955   | 6829577   | 6775445   | 6803326   | 0.40   | cps   |
| Antimony   | 121-1 | 2660374   | 2736171   | 2759906   | 2718817   | 1.91   | cps   |
| Arsenic    | 75-2  | 186121    | 187404    | 185828    | 186451    | 0.45   | cps   |
| Barium     | 135-1 | 3364552   | 3405253   | 3450910   | 3406905   | 1.27   | cps   |
| Barium     | 137-1 | 5706241   | 5881960   | 5888464   | 5825555   | 1.77   | cps   |
| Beryllium  | 9-1   | 290127    | 296372    | 294125    | 293542    | 1.08   | cps   |
| Bismuth    | 209-1 | 3480037   | 3567343   | 3556355   | 3534578   | 1.35   | cps   |
| Bismuth    | 209-2 | 2660006   | 2623347   | 2662316   | 2648556   | 0.83   | cps   |
| Bromine    | 81-1  | 5458      | 5061      | 5284      | 5268      | 3.78   | cps   |
| Bromine    | 81-2  | 93        | 70        | 80        | 81        | 14.43  | cps   |
| Cadmium    | 108-1 | 45103     | 46223     | 46548     | 45958     | 1.65   | cps   |
| Cadmium    | 106-1 | 64991     | 66230     | 66163     | 65795     | 1.06   | cps   |
| Cadmium    | 111-1 | 626149    | 644963    | 643094    | 638069    | 1.62   | cps   |
| Calcium    | 43-1  | 3233599   | 3271435   | 3298005   | 3267680   | 0.99   | cps   |
| Calcium    | 44-1  | 51955651  | 52793959  | 52551021  | 52433544  | 0.82   | cps   |
| Carbon     | 12-1  |           |           |           |           |        | cps   |
| Carbon     | 12-2  |           |           |           |           |        | cps   |
| Chlorine   | 35-1  |           |           |           |           |        | cps   |
| Chlorine   | 35-2  |           |           |           |           |        | cps   |
| Chromium   | 52-2  | 1284978   | 1310134   | 1295261   | 1296791   | 0.98   | cps   |
| Cobalt     | 59-2  | 2083550   | 2077786   | 2064098   | 2075145   | 0.48   | cps   |
| Copper     | 63-2  | 14557491  | 14531111  | 14512379  | 14533660  | 0.16   | cps   |
| Dysprosium | 156-1 | 247       | 277       | 237       | 253       | 8.22   | cps   |
| Dysprosium | 156-2 | 283       | 280       | 257       | 273       | 5.32   | cps   |
| Erbium     | 164-1 | 167       | 163       | 143       | 158       | 8.00   | cps   |
| Erbium     | 164-2 | 123       | 153       | 80        | 119       | 31.01  | cps   |
| Gadolinium | 160-1 | 117       | 147       | 100       | 121       | 19.53  | cps   |
| Gadolinium | 160-2 | 263       | 220       | 197       | 227       | 14.93  | cps   |
| Holmium    | 165-1 | 5796925   | 5938182   | 5871156   | 5868754   | 1.20   | cps   |
| Holmium    | 165-2 | 3967353   | 4056511   | 4028260   | 4017375   | 1.13   | cps   |
| Indium     | 115-1 | 4510992   | 4638700   | 4551350   | 4567014   | 1.43   | cps   |
| Indium     | 115-2 | 1682527   | 1685630   | 1701968   | 1690042   | 0.62   | cps   |
| Iron       | 56-2  | 278010989 | 279132883 | 278688336 | 278610736 | 0.20   | cps   |
| Iron       | 57-2  | 6983901   | 7009785   | 6973704   | 6989130   | 0.27   | cps   |
| Iron       | 54-2  | 15547169  | 15446900  | 15525292  | 15506454  | 0.34   | cps   |
| Krypton    | 83-1  | 267       | 203       | 207       | 226       | 15.80  | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : CCV036 Instrumnet Name : P7  
Client Sample ID : CCV036 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 13:57:36 DataFile Name : 030CCV.d

| Parameter  | Mass  | CPS1      | CPS2      | CPS3      | CPSMean   | CPSRSD | Units |
|------------|-------|-----------|-----------|-----------|-----------|--------|-------|
| Lead       | 206-1 | 9461944   | 9625588   | 9675033   | 9587522   | 1.16   | cps   |
| Lead       | 207-1 | 8513593   | 8652744   | 8668904   | 8611747   | 0.99   | cps   |
| Lead       | 208-1 | 38235861  | 39106795  | 38947969  | 38763542  | 1.20   | cps   |
| Lithium    | 6-1   | 575633    | 590779    | 573927    | 580113    | 1.60   | cps   |
| Magnesium  | 24-2  | 56182098  | 56246726  | 55540519  | 55989781  | 0.70   | cps   |
| Manganese  | 55-2  | 9343186   | 9260121   | 9291803   | 9298370   | 0.45   | cps   |
| Molybdenum | 94-1  | 9957232   | 10307447  | 10140159  | 10134946  | 1.73   | cps   |
| Molybdenum | 95-1  | 14489186  | 14650381  | 14664674  | 14601414  | 0.67   | cps   |
| Molybdenum | 96-1  | 15784438  | 15949296  | 16079952  | 15937895  | 0.93   | cps   |
| Molybdenum | 97-1  | 8961001   | 9189505   | 9101931   | 9084146   | 1.27   | cps   |
| Molybdenum | 98-1  | 23185547  | 23690990  | 23647276  | 23507938  | 1.19   | cps   |
| Neodymium  | 150-1 | 180       | 197       | 160       | 179       | 10.26  | cps   |
| Neodymium  | 150-2 | 80        | 57        | 67        | 68        | 17.27  | cps   |
| Nickel     | 60-2  | 503331    | 502910    | 502410    | 502884    | 0.09   | cps   |
| Phosphorus | 31-2  | 79013     | 77716     | 79495     | 78741     | 1.17   | cps   |
| Potassium  | 39-2  | 37628206  | 38018306  | 37876683  | 37841065  | 0.52   | cps   |
| Rhodium    | 103-1 | 4205765   | 4266453   | 4203782   | 4225333   | 0.84   | cps   |
| Rhodium    | 103-2 | 2753793   | 2851817   | 2745547   | 2783719   | 2.12   | cps   |
| Scandium   | 45-1  | 2538552   | 2583649   | 2516508   | 2546236   | 1.34   | cps   |
| Scandium   | 45-2  | 296633    | 295032    | 297440    | 296368    | 0.41   | cps   |
| Selenium   | 82-1  | 39111     | 40208     | 40116     | 39812     | 1.53   | cps   |
| Selenium   | 77-2  | 4691      | 4798      | 4797      | 4762      | 1.29   | cps   |
| Selenium   | 78-2  | 16479     | 16189     | 16436     | 16368     | 0.96   | cps   |
| Silicon    | 28-1  | 14670386  | 15097396  | 15003033  | 14923605  | 1.50   | cps   |
| Silver     | 107-1 | 3237807   | 3325510   | 3286891   | 3283402   | 1.34   | cps   |
| Silver     | 109-1 | 3059955   | 3146682   | 3159914   | 3122184   | 1.74   | cps   |
| Sodium     | 23-2  | 97337112  | 97259712  | 96855072  | 97150632  | 0.27   | cps   |
| Strontium  | 86-1  | 20452499  | 21059939  | 20791757  | 20768065  | 1.47   | cps   |
| Strontium  | 88-1  | 179052511 | 184412144 | 183488717 | 182317791 | 1.57   | cps   |
| Sulfur     | 34-1  | 279108    | 282379    | 282923    | 281470    | 0.73   | cps   |
| Terbium    | 159-1 | 6077608   | 6169296   | 5999571   | 6082158   | 1.40   | cps   |
| Terbium    | 159-2 | 4010542   | 4024136   | 4045429   | 4026703   | 0.44   | cps   |
| Thallium   | 203-1 | 2370701   | 2409737   | 2456067   | 2412168   | 1.77   | cps   |
| Thallium   | 205-1 | 5550351   | 5718284   | 5657934   | 5642189   | 1.51   | cps   |
| Tin        | 118-1 | 2063901   | 2138702   | 2176242   | 2126282   | 2.69   | cps   |
| Titanium   | 47-1  | 3391252   | 3462347   | 3466343   | 3439981   | 1.23   | cps   |

LB Number :

LB133210

Operator :

Jaswal

Lab Sample ID :

CCV036

Instrumnet Name :

P7

Client Sample ID :

CCV036

Dilution Factor :

1

Date & Time Acquired :

2024-10-30 13:57:36

DataFile Name :

030CCV.d

| Parameter | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|-------|---------|---------|---------|---------|--------|-------|
| Uranium   | 238-1 | 7722125 | 7830430 | 7762318 | 7771624 | 0.70   | cps   |
| Vanadium  | 51-2  | 1202472 | 1191784 | 1183769 | 1192675 | 0.79   | cps   |
| Yttrium   | 89-1  | 7913545 | 8026632 | 7870117 | 7936764 | 1.02   | cps   |
| Yttrium   | 89-2  | 2275319 | 2320525 | 2317655 | 2304500 | 1.10   | cps   |
| Zinc      | 66-2  | 2399769 | 2420637 | 2378178 | 2399528 | 0.88   | cps   |
| Zirconium | 90-1  | 4502692 | 4591003 | 4596467 | 4563387 | 1.15   | cps   |
| Zirconium | 91-1  | 979546  | 1004509 | 1004930 | 996328  | 1.46   | cps   |

LB Number :LB133210Operator :Jaswal

Lab Sample ID :CCB036Instrumnet Name :P7

Client Sample ID :CCB036Dilution Factor :1

Date & Time Acquired :2024-10-30 14:00:36DataFile Name :031CCBE.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Aluminium  | 27-2  | 653     | 467     | 497     | 539     | 18.60  | cps   |
| Antimony   | 121-1 | 1587    | 1533    | 1703    | 1608    | 5.41   | cps   |
| Arsenic    | 75-2  | 23      | 10      | 20      | 18      | 39.03  | cps   |
| Barium     | 135-1 | 243     | 240     | 177     | 220     | 17.07  | cps   |
| Barium     | 137-1 | 427     | 413     | 283     | 374     | 21.15  | cps   |
| Beryllium  | 9-1   | 40      | 37      | 20      | 32      | 33.25  | cps   |
| Bismuth    | 209-1 | 3768325 | 3674775 | 3647136 | 3696745 | 1.72   | cps   |
| Bismuth    | 209-2 | 2826478 | 2795572 | 2759368 | 2793806 | 1.20   | cps   |
| Bromine    | 81-1  | 5301    | 5184    | 5151    | 5212    | 1.51   | cps   |
| Bromine    | 81-2  | 110     | 93      | 50      | 84      | 36.68  | cps   |
| Cadmium    | 108-1 | 7       | 10      | 27      | 14      | 74.18  | cps   |
| Cadmium    | 106-1 | 1157    | 1110    | 1063    | 1110    | 4.20   | cps   |
| Cadmium    | 111-1 | 898     | 830     | 789     | 839     | 6.58   | cps   |
| Calcium    | 43-1  | 360     | 280     | 293     | 311     | 13.78  | cps   |
| Calcium    | 44-1  | 13106   | 12359   | 12229   | 12564   | 3.77   | cps   |
| Carbon     | 12-1  |         |         |         |         |        | cps   |
| Carbon     | 12-2  |         |         |         |         |        | cps   |
| Chlorine   | 35-1  |         |         |         |         |        | cps   |
| Chlorine   | 35-2  |         |         |         |         |        | cps   |
| Chromium   | 52-2  | 650     | 677     | 663     | 663     | 2.01   | cps   |
| Cobalt     | 59-2  | 150     | 183     | 133     | 156     | 16.37  | cps   |
| Copper     | 63-2  | 1853    | 1953    | 1733    | 1847    | 5.97   | cps   |
| Dysprosium | 156-1 | 160     | 110     | 110     | 127     | 22.79  | cps   |
| Dysprosium | 156-2 | 27      | 27      | 37      | 30      | 19.24  | cps   |
| Erbium     | 164-1 | 37      | 47      | 47      | 43      | 13.32  | cps   |
| Erbium     | 164-2 | 30      | 23      | 30      | 28      | 13.86  | cps   |
| Gadolinium | 160-1 | 27      | 23      | 40      | 30      | 29.40  | cps   |
| Gadolinium | 160-2 | 153     | 210     | 210     | 191     | 17.12  | cps   |
| Holmium    | 165-1 | 5839340 | 5833183 | 5716555 | 5796359 | 1.19   | cps   |
| Holmium    | 165-2 | 4035637 | 3984396 | 3874936 | 3964990 | 2.07   | cps   |
| Indium     | 115-1 | 4795795 | 4836318 | 4704899 | 4779004 | 1.41   | cps   |
| Indium     | 115-2 | 1735945 | 1778220 | 1749770 | 1754645 | 1.23   | cps   |
| Iron       | 56-2  | 20120   | 19743   | 19519   | 19794   | 1.53   | cps   |
| Iron       | 57-2  | 2847    | 2834    | 2807    | 2829    | 0.72   | cps   |
| Iron       | 54-2  | 2361    | 1757    | 1760    | 1959    | 17.77  | cps   |
| Krypton    | 83-1  | 137     | 163     | 197     | 166     | 18.16  | cps   |

LB Number : LB133210 Operator : Jaswal  
Lab Sample ID : CCB036 Instrumnet Name : P7  
Client Sample ID : CCB036 Dilution Factor : 1  
Date & Time Acquired : 2024-10-30 14:00:36 DataFile Name : 031CCBE.d

| Parameter  | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|------------|-------|---------|---------|---------|---------|--------|-------|
| Lead       | 206-1 | 917     | 967     | 677     | 853     | 18.17  | cps   |
| Lead       | 207-1 | 863     | 747     | 653     | 754     | 13.95  | cps   |
| Lead       | 208-1 | 3840    | 3464    | 3010    | 3438    | 12.09  | cps   |
| Lithium    | 6-1   | 576081  | 568030  | 568487  | 570866  | 0.79   | cps   |
| Magnesium  | 24-2  | 16715   | 2147    | 1937    | 6933    | 122.20 | cps   |
| Manganese  | 55-2  | 947     | 817     | 910     | 891     | 7.52   | cps   |
| Molybdenum | 94-1  | 973     | 757     | 773     | 834     | 14.45  | cps   |
| Molybdenum | 95-1  | 1183    | 903     | 810     | 966     | 20.12  | cps   |
| Molybdenum | 96-1  | 1263    | 1020    | 1000    | 1095    | 13.40  | cps   |
| Molybdenum | 97-1  | 707     | 557     | 623     | 629     | 11.95  | cps   |
| Molybdenum | 98-1  | 1980    | 1587    | 1497    | 1688    | 15.23  | cps   |
| Neodymium  | 150-1 | 10      | 13      | 17      | 13      | 25.01  | cps   |
| Neodymium  | 150-2 | 7       | 10      | 17      | 11      | 45.82  | cps   |
| Nickel     | 60-2  | 110     | 117     | 63      | 97      | 30.06  | cps   |
| Phosphorus | 31-2  | 90      | 150     | 140     | 127     | 25.38  | cps   |
| Potassium  | 39-2  | 81584   | 81758   | 81279   | 81540   | 0.30   | cps   |
| Rhodium    | 103-1 | 4527926 | 4444499 | 4461588 | 4478004 | 0.98   | cps   |
| Rhodium    | 103-2 | 2964842 | 2975457 | 2920049 | 2953449 | 1.00   | cps   |
| Scandium   | 45-1  | 2589843 | 2566804 | 2525127 | 2560591 | 1.28   | cps   |
| Scandium   | 45-2  | 296193  | 294272  | 292683  | 294383  | 0.60   | cps   |
| Selenium   | 82-1  | 305     | 290     | 227     | 274     | 15.18  | cps   |
| Selenium   | 77-2  | 3       | 0       | 3       | 2       | 86.60  | cps   |
| Selenium   | 78-2  | 320     | 393     | 297     | 337     | 14.98  | cps   |
| Silicon    | 28-1  | 175060  | 174032  | 171759  | 173617  | 0.97   | cps   |
| Silver     | 107-1 | 447     | 343     | 310     | 367     | 19.43  | cps   |
| Silver     | 109-1 | 413     | 397     | 313     | 374     | 14.31  | cps   |
| Sodium     | 23-2  | 51847   | 51218   | 49506   | 50857   | 2.38   | cps   |
| Strontium  | 86-1  | 1270    | 1070    | 907     | 1082    | 16.82  | cps   |
| Strontium  | 88-1  | 8929    | 6735    | 5845    | 7170    | 22.15  | cps   |
| Sulfur     | 34-1  | 124938  | 126138  | 125110  | 125396  | 0.52   | cps   |
| Terbium    | 159-1 | 6054681 | 6182384 | 5926603 | 6054556 | 2.11   | cps   |
| Terbium    | 159-2 | 3942700 | 3984141 | 3853209 | 3926684 | 1.70   | cps   |
| Thallium   | 203-1 | 493     | 457     | 343     | 431     | 18.14  | cps   |
| Thallium   | 205-1 | 1230    | 1130    | 903     | 1088    | 15.39  | cps   |
| Tin        | 118-1 | 1557    | 1743    | 1760    | 1687    | 6.69   | cps   |
| Titanium   | 47-1  | 213     | 250     | 277     | 247     | 12.89  | cps   |

LB Number :LB133210

Operator :Jaswal

Lab Sample ID :CCB036

Instrumnet Name :P7

Client Sample ID :CCB036

Dilution Factor :1

Date & Time Acquired :2024-10-30 14:00:36

DataFile Name :031CCBE.d

| Parameter | Mass  | CPS1    | CPS2    | CPS3    | CPSMean | CPSRSD | Units |
|-----------|-------|---------|---------|---------|---------|--------|-------|
| Uranium   | 238-1 | 407     | 303     | 320     | 343     | 16.16  | cps   |
| Vanadium  | 51-2  | 37      | 57      | 33      | 42      | 29.89  | cps   |
| Yttrium   | 89-1  | 7937053 | 7993800 | 7807843 | 7912898 | 1.20   | cps   |
| Yttrium   | 89-2  | 2350846 | 2329556 | 2307336 | 2329246 | 0.93   | cps   |
| Zinc      | 66-2  | 453     | 463     | 437     | 451     | 2.99   | cps   |
| Zirconium | 90-1  | 730     | 673     | 527     | 643     | 16.31  | cps   |
| Zirconium | 91-1  | 127     | 133     | 120     | 127     | 5.27   | cps   |