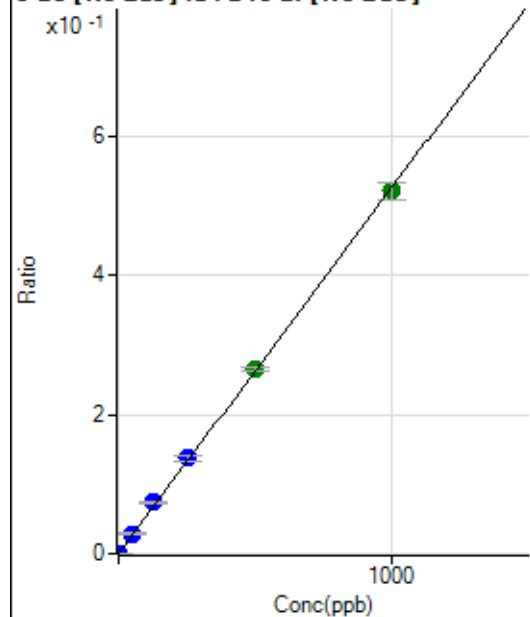


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7090523MS.b\
Analysis File: P7090523MS.batch.bin
DA Date-Time: 2023-09-06 02:41:01
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-09-05 16:57:59
2	005CALS.d	S02	2023-09-05 17:01:13
3	006CALS.d	S03	2023-09-05 17:04:31
4	007CALS.d	S04	2023-09-05 17:07:30
5	008CALS.d	S05	2023-09-05 17:10:23
6	009CALS.d	S06	2023-09-05 17:13:09
7	010CALS.d	S07	2023-09-05 17:15:57
8	011CALS.d	S08	2023-09-05 17:18:42

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	194.45	0.0000	P	22.0
2	☐	1.000	1.143	2966.98	0.0006	P	5.2
3	☐	50.000	55.017	133884.63	0.0289	P	0.6
4	☐	125.000	139.565	329890.72	0.0733	P	2.2
5	☐	250.000	260.858	639210.88	0.1370	P	4.9
6	☐	500.000	506.320	1184706.02	0.2659	A	2.2
7	☐	1000.000	992.054	2290392.55	0.5209	A	5.1
8	☐			940.04	0.0002	P	12.1

$$y = 5.2506\text{E-}004 * x + 4.2237\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.05301$$

$$BEC = 0.08044$$

Weight: <None>

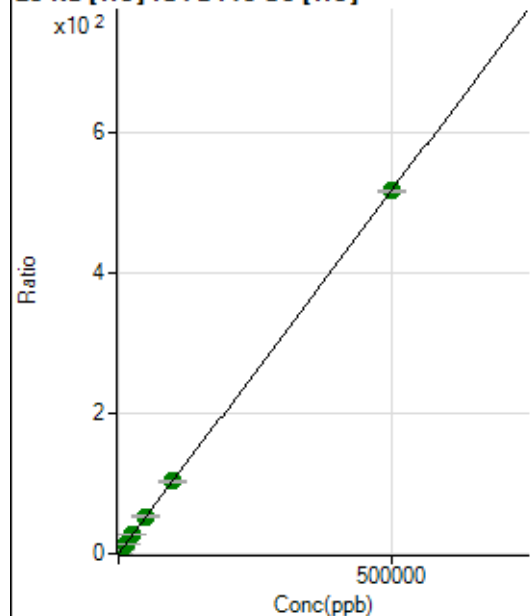
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	49987.46	0.0682	P	0.9
2	☐	500.000	505.493	436438.06	0.5913	P	0.3
3	☐	5000.000	5138.430	3951583.35	5.3853	A	0.9
4	☐	12500.000	13025.285	9605281.32	13.5465	A	0.4
5	☐	25000.000	25670.371	18957005.83	26.6315	A	0.0
6	☐	50000.000	51547.223	37150152.78	53.4084	A	1.0
7	☐	100000.00	99427.942	73864877.79	102.9546	A	2.1
8	☐	500000.00	499911.64	343476625.9	517.3686	A	0.8

$$y = 0.0010 * x + 0.0682$$

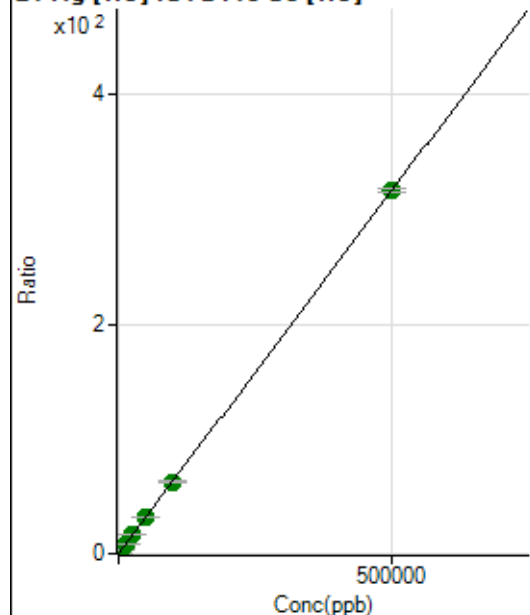
$$R = 1.0000$$

$$DL = 1.858$$

$$BEC = 65.89$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	983.37	0.0013	P	5.4
2	☐	500.000	506.536	237411.46	0.3216	P	0.5
3	☐	5000.000	5216.874	2421471.99	3.3000	A	0.6
4	☐	12500.000	13118.937	5882695.75	8.2966	A	0.9
5	☐	25000.000	25754.788	11593116.63	16.2864	A	0.5
6	☐	50000.000	51547.927	22671860.22	32.5957	A	0.5
7	☐	100000.00	98889.859	44865926.00	62.5305	A	1.2
8	☐	500000.00	500011.84	209899485.7	316.1643	A	1.1

$$y = 6.3231\text{E-}004 * x + 0.0013$$

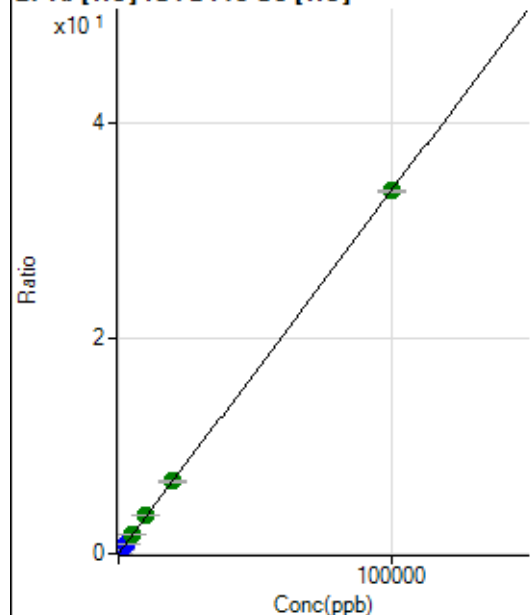
$$R = 1.0000$$

$$DL = 0.3467$$

$$BEC = 2.121$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	536.68	0.0007	P	8.5
2	☐	20.000	21.459	5892.32	0.0080	P	2.8
3	☐	1000.000	1082.193	268809.63	0.3663	P	0.7
4	☐	2500.000	2707.963	649200.69	0.9156	P	0.4
5	☐	5000.000	5203.286	1251809.73	1.7586	A	0.6
6	☐	10000.000	10510.091	2470373.26	3.5515	A	1.4
7	☐	20000.000	19987.631	4845179.93	6.7534	A	2.2
8	☐	100000.00	99935.279	22414960.22	33.7630	A	0.5

$$y = 3.3784\text{E-}004 * x + 7.3203\text{E-}004$$

$$R = 1.0000$$

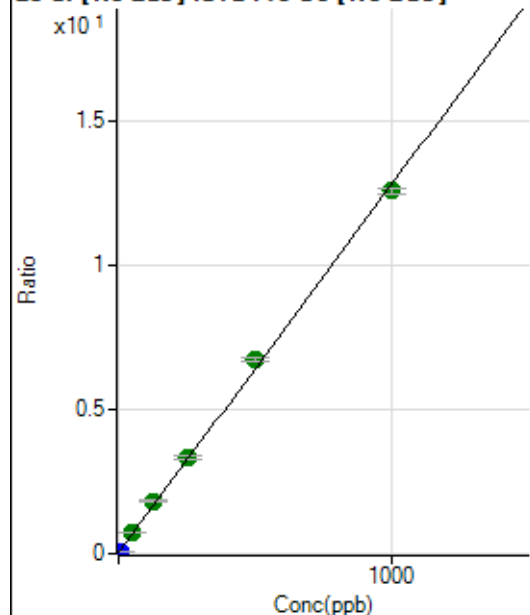
$$DL = 0.5549$$

$$BEC = 2.167$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	375525.32	0.0368	P	0.8
2	☐	10.000	0.567	454259.40	0.0440	P	0.7
3	☐	50.000	56.488	7643724.33	0.7562	A	0.9
4	☐	125.000	140.750	18042661.81	1.8294	A	4.0
5	☐	250.000	259.909	34416543.37	3.3471	A	4.7
6	☐	500.000	524.441	65743604.02	6.7163	A	1.5
7	☐	1000.000	983.103	125033152.5	12.5581	A	1.6
8	☐			861732.10	0.0928	P	3.5

$$y = 0.0127 * x + 0.0368$$

$$R = 0.9993$$

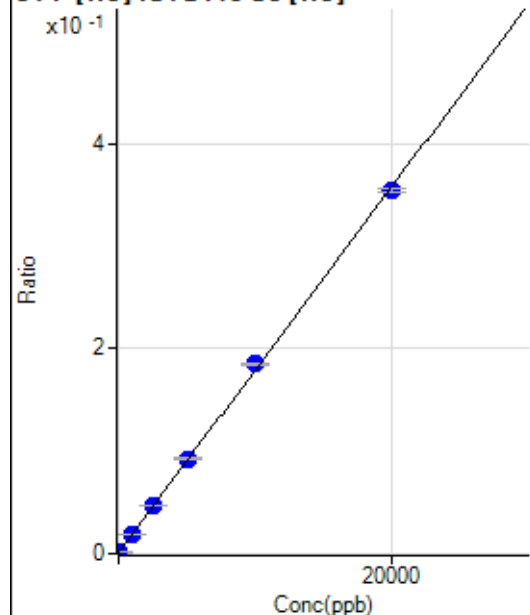
$$DL = 0.06649$$

$$BEC = 2.885$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-11.789	682.24	0.0009	P	4.9
2	☐	0.000	11.789	996.71	0.0014	P	4.1
3	☐	1000.000	1018.315	14144.39	0.0193	P	0.3
4	☐	2500.000	2601.537	33659.23	0.0475	P	1.3
5	☐	5000.000	5130.595	65851.89	0.0925	P	0.8
6	☐	10000.000	10322.820	128664.07	0.1850	P	0.7
7	☐	20000.000	19792.334	253736.85	0.3536	P	0.9
8	☐			763.36	0.0011	P	8.1

$$y = 1.7809E-005 * x + 0.0011$$

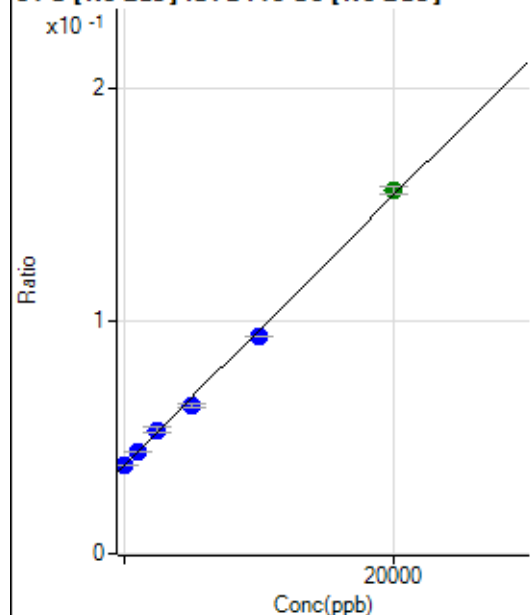
$$R = 0.9998$$

$$DL = 8.466$$

$$BEC = 64.04$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	4.104	388641.05	0.0380	P	1.0
2	☐	0.000	-4.104	392395.02	0.0380	P	1.1
3	☐	1000.000	1011.021	443507.45	0.0439	P	0.3
4	☐	2500.000	2625.295	525112.29	0.0532	P	3.7
5	☐	5000.000	4421.807	654777.61	0.0637	P	3.5
6	☐	10000.000	9565.555	915253.57	0.0935	P	0.3
7	☐	20000.000	20345.558	1553514.49	0.1560	A	2.1
8	☐			343372.17	0.0370	P	1.2

$$y = 5.8011\text{E-}006 * x + 0.0380$$

R = 0.9991

DL = 200.9

BEC = 6552

Weight: <None>

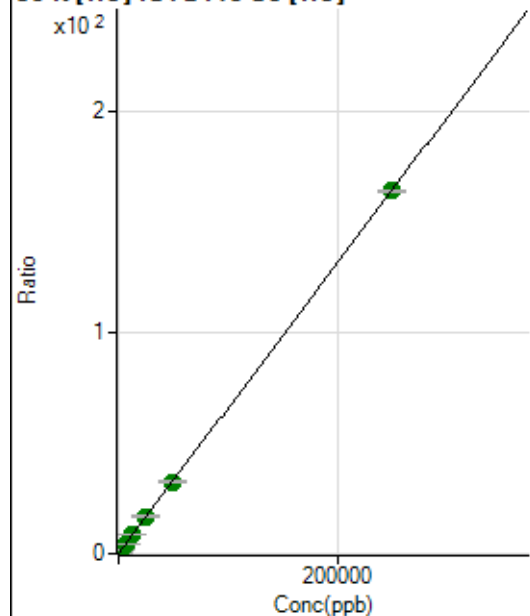
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	80306.93	0.1095	P	0.7
2	☐	500.000	512.308	328951.75	0.4456	P	0.0
3	☐	2500.000	2551.722	1308752.25	1.7836	A	0.9
4	☐	6250.000	6441.967	3074252.18	4.3358	A	0.9
5	☐	12500.000	12679.200	5999245.40	8.4277	A	1.1
6	☐	25000.000	25634.292	11773581.49	16.9269	A	0.7
7	☐	50000.000	49508.222	23383461.32	32.5894	A	0.9
8	☐	250000.00	250020.62	108969700.6	164.1354	A	0.4

$$y = 6.5605E-004 * x + 0.1095$$

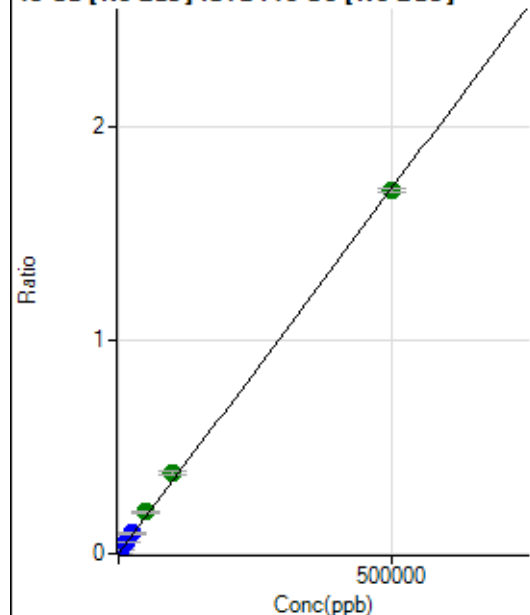
$$R = 1.0000$$

$$DL = 3.61$$

$$BEC = 167$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1719.01	0.0002	P	7.6
2	☐	500.000	497.229	19310.17	0.0019	P	4.4
3	☐	5000.000	6027.767	210138.89	0.0208	P	1.5
4	☐	12500.000	15192.116	514232.06	0.0521	P	4.1
5	☐	25000.000	28223.729	994530.89	0.0967	P	4.9
6	☐	50000.000	57009.822	1910796.59	0.1952	A	1.6
7	☐	100000.00	110392.41	3761473.66	0.3778	A	3.1
8	☐	500000.00	496981.77	15787281.15	1.7004	A	1.2

$$y = 3.4211\text{E-}006 * x + 1.6823\text{E-}004$$

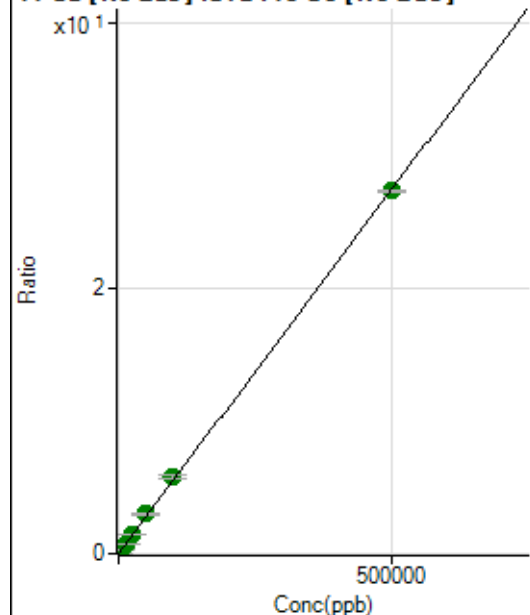
$$R = 0.9997$$

$$DL = 11.14$$

$$BEC = 49.17$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	40216.76	0.0039	P	0.5
2	☐	500.000	502.759	325303.79	0.0315	P	1.2
3	☐	5000.000	5562.959	3121950.89	0.3088	A	0.6
4	☐	12500.000	13922.267	7564984.19	0.7670	A	4.0
5	☐	25000.000	26158.269	14782497.56	1.4377	A	4.9
6	☐	50000.000	54421.266	29236345.40	2.9868	A	2.5
7	☐	100000.00	105422.74	57560776.92	5.7822	A	3.9
8	☐	500000.00	498374.22	253635549.5	27.3201	A	0.7

$$y = 5.4811\text{E-}005 * x + 0.0039$$

$$R = 0.9999$$

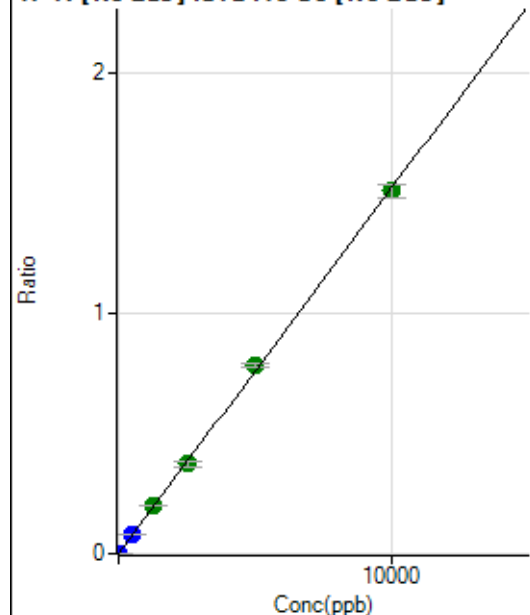
$$DL = 1.053$$

$$BEC = 71.81$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	236.67	0.0000	P	5.3
2	☐	5.000	5.107	8256.77	0.0008	P	1.0
3	☐	500.000	516.979	794252.18	0.0786	P	0.8
4	☐	1250.000	1311.546	1966022.50	0.1993	A	3.3
5	☐	2500.000	2449.165	3826946.71	0.3722	A	4.8
6	☐	5000.000	5155.168	7667825.44	0.7833	A	2.6
7	☐	10000.000	9926.582	15015496.45	1.5084	A	3.8
8	☐			2326.87	0.0003	P	3.9

$$y = 1.5195\text{E-}004 * x + 2.3163\text{E-}005$$

$$R = 0.9998$$

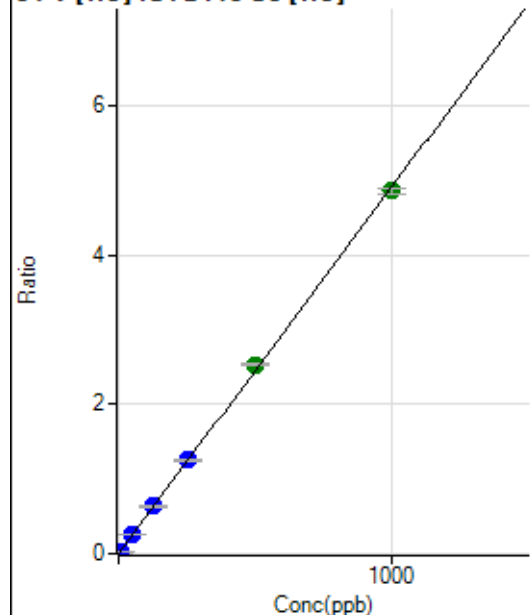
$$DL = 0.02406$$

$$BEC = 0.1524$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.56	0.0001	P	20.0
2	☐	5.000	4.901	17848.42	0.0242	P	1.9
3	☐	50.000	50.650	182664.31	0.2489	P	0.2
4	☐	125.000	128.838	448871.74	0.6331	P	0.6
5	☐	250.000	254.738	890911.14	1.2516	P	0.2
6	☐	500.000	516.066	1763540.01	2.5355	A	0.4
7	☐	1000.000	990.271	3490848.70	4.8652	A	1.4
8	☐			1122.27	0.0017	P	7.6

$$y = 0.0049 * x + 1.0307\text{E-}004$$

$$R = 0.9998$$

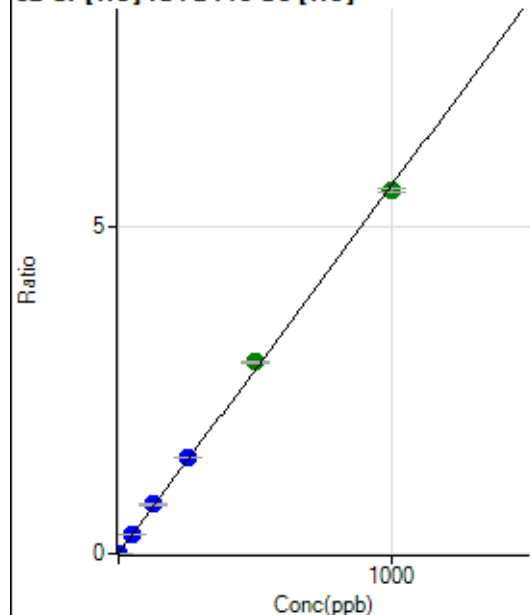
$$DL = 0.01257$$

$$BEC = 0.02098$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1657.89	0.0023	P	1.6
2	☐	2.000	2.165	10640.49	0.0144	P	2.2
3	☐	50.000	52.210	216712.78	0.2953	P	1.2
4	☐	125.000	133.097	531355.50	0.7494	P	0.5
5	☐	250.000	259.588	1038849.75	1.4594	P	0.7
6	☐	500.000	520.897	2035458.98	2.9263	A	1.6
7	☐	1000.000	986.032	3973003.17	5.5373	A	1.2
8	☐			13614.02	0.0205	P	1.4

$$y = 0.0056 * x + 0.0023$$

$$R = 0.9996$$

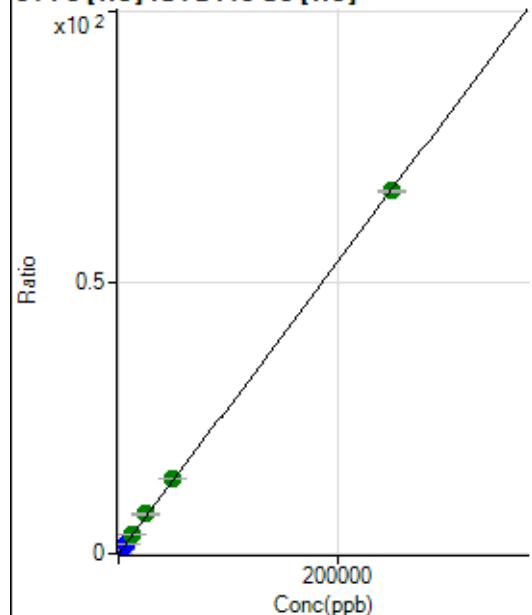
$$DL = 0.01922$$

$$BEC = 0.4029$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2009.04	0.0027	P	3.8
2	☐	50.000	57.011	13304.86	0.0180	P	3.2
3	☐	2500.000	2842.221	561044.55	0.7646	P	0.8
4	☐	6250.000	7147.559	1360418.09	1.9187	P	0.8
5	☐	12500.000	13426.415	2563730.22	3.6017	A	1.0
6	☐	25000.000	27123.331	5058814.30	7.2733	A	1.3
7	☐	50000.000	51579.410	9922597.91	13.8288	A	0.9
8	☐	250000.00	249399.60	44384049.34	66.8553	A	0.8

$$y = 2.6805E-004 * x + 0.0027$$

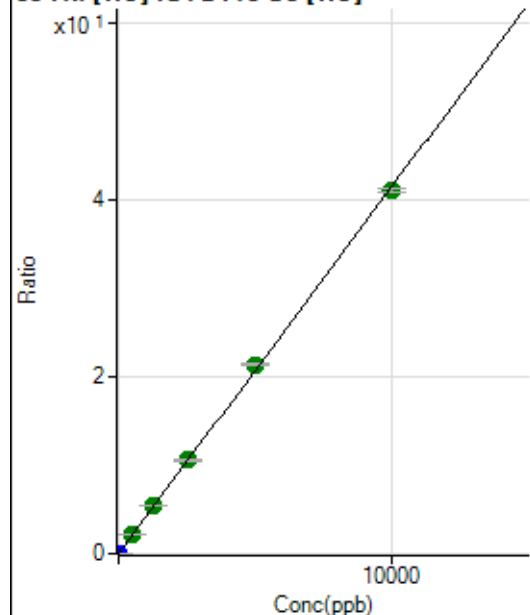
$$R = 1.0000$$

$$DL = 1.162$$

$$BEC = 10.22$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	631.13	0.0009	P	17.4
2	☐	1.000	1.053	3852.76	0.0052	P	3.3
3	☐	500.000	521.892	1585388.66	2.1606	A	1.4
4	☐	1250.000	1306.920	3835339.87	5.4094	A	1.8
5	☐	2500.000	2550.212	7512819.40	10.5546	A	0.8
6	☐	5000.000	5164.513	14867020.20	21.3735	A	0.9
7	☐	10000.000	9896.981	29387726.79	40.9581	A	1.1
8	☐			17766.14	0.0268	P	1.1

$$y = 0.0041 * x + 8.6106E-004$$

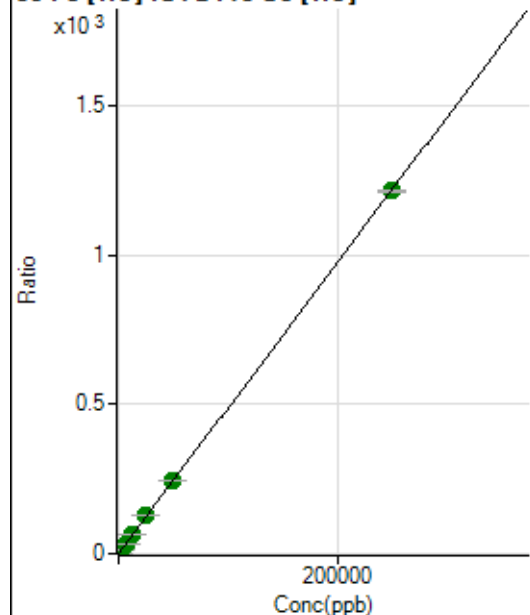
$$R = 0.9998$$

$$DL = 0.1088$$

$$BEC = 0.2081$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	15795.06	0.0215	P	1.6
2	☐	50.000	54.964	213599.64	0.2894	P	0.3
3	☐	2500.000	2643.055	9466045.97	12.9005	A	0.4
4	☐	6250.000	6628.368	22916012.99	32.3200	A	1.1
5	☐	12500.000	13101.073	45456772.66	63.8600	A	0.9
6	☐	25000.000	26287.660	89114506.45	128.1152	A	0.8
7	☐	50000.000	50532.207	176680541.8	246.2533	A	1.7
8	☐	250000.00	249723.84	807866761.3	1,216.868	A	0.4

$$y = 0.0049 * x + 0.0215$$

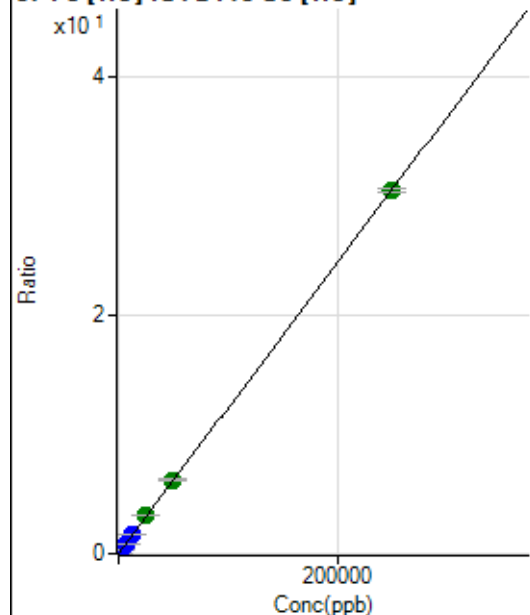
$$R = 1.0000$$

$$DL = 0.2116$$

$$BEC = 4.421$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1130.05	0.0015	P	2.1
2	☐	50.000	54.856	6063.50	0.0082	P	1.7
3	☐	2500.000	2772.123	248593.93	0.3388	P	1.0
4	☐	6250.000	7054.851	609630.31	0.8598	P	0.9
5	☐	12500.000	13806.103	1196649.49	1.6811	P	0.5
6	☐	25000.000	26617.815	2253433.49	3.2397	A	0.5
7	☐	50000.000	50487.492	4407834.94	6.1436	A	1.8
8	☐	250000.00	249652.57	20164035.95	30.3731	A	1.1

$$y = 1.2166\text{E-}004 * x + 0.0015$$

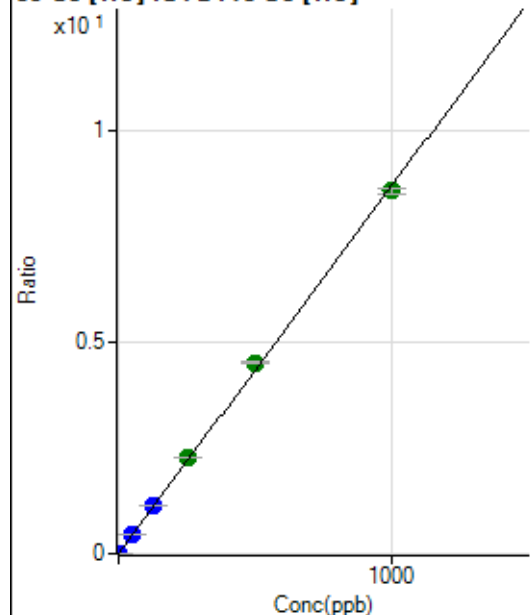
$$R = 1.0000$$

$$DL = 0.7884$$

$$BEC = 12.67$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	326.67	0.0004	P	3.2
2	☐	1.000	1.024	6888.32	0.0093	P	1.7
3	☐	50.000	52.690	335709.40	0.4575	P	1.2
4	☐	125.000	132.909	817811.92	1.1534	P	0.5
5	☐	250.000	260.163	1606773.64	2.2573	A	0.6
6	☐	500.000	518.475	3128729.85	4.4981	A	1.1
7	☐	1000.000	987.099	6144055.88	8.5633	A	1.4
8	☐			16464.69	0.0248	P	0.5

$$y = 0.0087 * x + 4.4560\text{E-}004$$

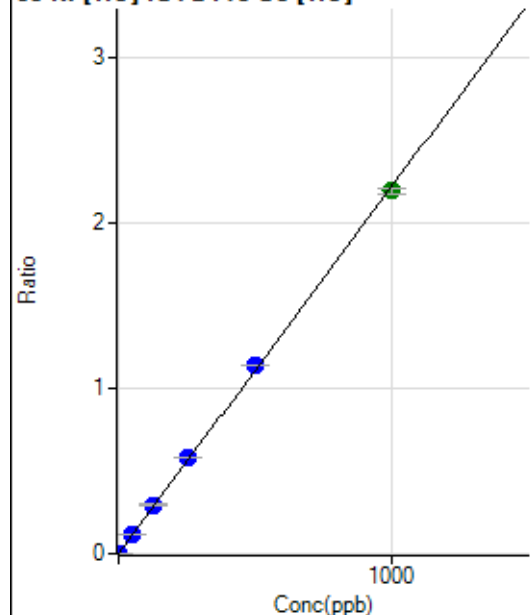
$$R = 0.9997$$

$$DL = 0.005003$$

$$BEC = 0.05137$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	243.34	0.0003	P	5.4
2	☐	1.000	1.131	2097.95	0.0028	P	3.5
3	☐	50.000	52.836	86299.78	0.1176	P	0.9
4	☐	125.000	133.015	209576.94	0.2956	P	1.6
5	☐	250.000	260.372	411627.57	0.5783	P	0.6
6	☐	500.000	514.899	795194.10	1.1433	P	0.5
7	☐	1000.000	988.814	1575061.68	2.1952	A	1.5
8	☐			5961.24	0.0090	P	1.0

$$y = 0.0022 * x + 3.3190E-004$$

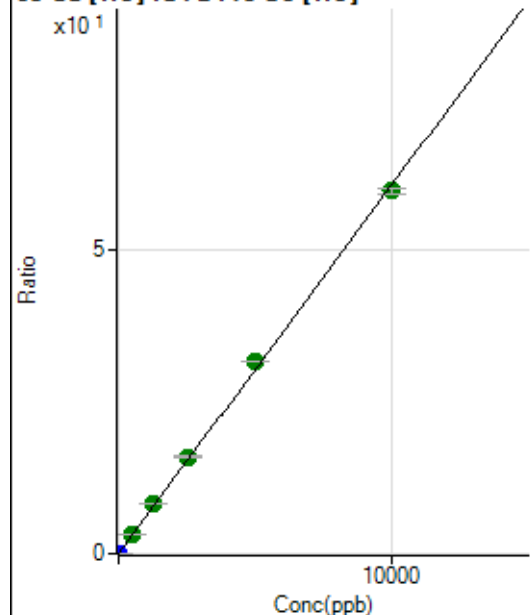
$$R = 0.9998$$

$$DL = 0.02435$$

$$BEC = 0.1495$$

Weight: <None>

Min Conc: 0

63 Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2033.50	0.0028	P	3.2
2	☐	2.000	2.103	11483.39	0.0156	P	3.3
3	☐	500.000	532.348	2376354.78	3.2385	A	0.5
4	☐	1250.000	1337.764	5767349.71	8.1340	A	0.8
5	☐	2500.000	2626.806	11367307.19	15.9691	A	0.9
6	☐	5000.000	5214.022	22045727.45	31.6948	A	0.3
7	☐	10000.000	9848.700	42952100.47	59.8654	A	1.6
8	☐			12565.37	0.0189	P	1.3

$$y = 0.0061 * x + 0.0028$$

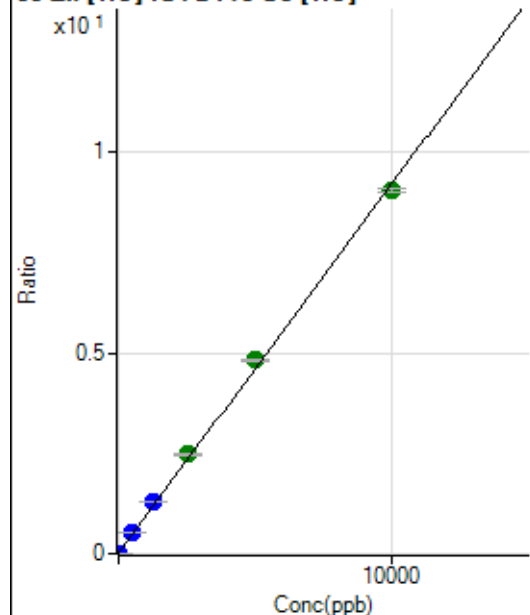
$$R = 0.9995$$

$$DL = 0.04441$$

$$BEC = 0.4563$$

Weight: <None>

Min Conc: 0

66 Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	14110.48	0.0192	P	1.1
2	☐	2.000	2.062	15602.69	0.0211	P	0.8
3	☐	500.000	543.706	380069.29	0.5180	P	0.6
4	☐	1250.000	1378.163	909973.69	1.2834	P	0.8
5	☐	2500.000	2676.225	1761143.19	2.4741	A	0.9
6	☐	5000.000	5232.298	3351656.91	4.8187	A	0.7
7	☐	10000.000	9821.589	6477889.40	9.0282	A	1.0
8	☐			16044.66	0.0242	P	1.1

$$y = 9.1726\text{E-}004 * x + 0.0192$$

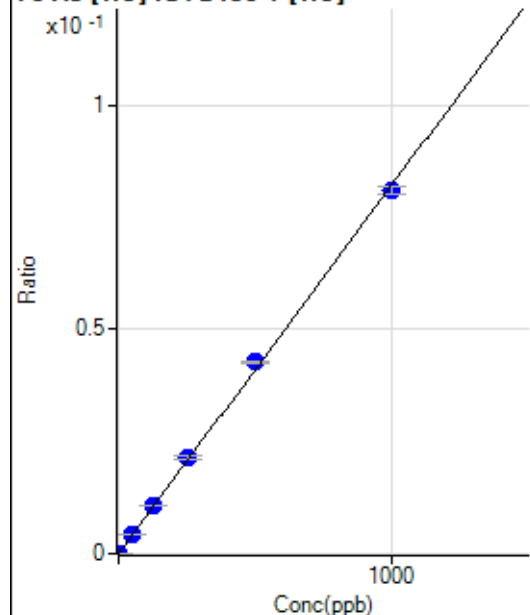
$$R = 0.9994$$

$$DL = 0.7146$$

$$BEC = 20.98$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	14.45	0.0000	P	74.6
2	☐	1.000	1.128	528.90	0.0001	P	8.1
3	☐	50.000	52.513	23857.00	0.0043	P	1.2
4	☐	125.000	131.244	58320.64	0.0108	P	1.6
5	☐	250.000	261.295	116306.66	0.0214	P	2.6
6	☐	500.000	521.774	229756.56	0.0428	P	1.1
7	☐	1000.000	985.383	450358.45	0.0809	P	2.2
8	☐			175.56	0.0000	P	11.3

$$y = 8.2062\text{E-}005 * x + 2.6159\text{E-}006$$

$$R = 0.9996$$

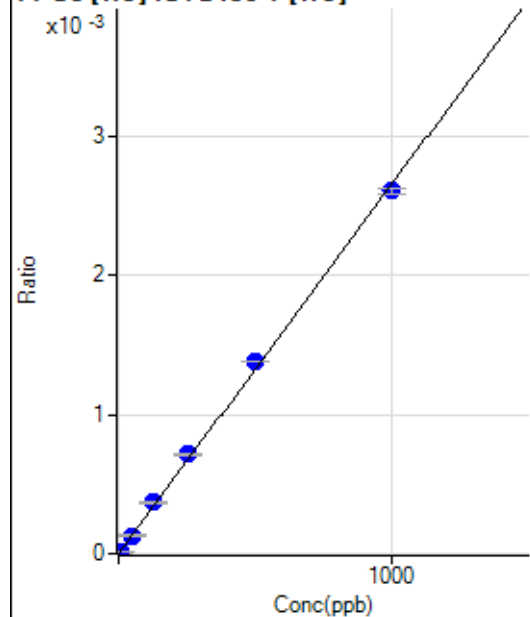
$$DL = 0.07137$$

$$BEC = 0.03188$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.22	0.0000	P	173.
2	☐	5.000	6.037	91.11	0.0000	P	16.8
3	☐	50.000	49.121	722.25	0.0001	P	6.4
4	☐	125.000	139.483	2001.27	0.0004	P	4.0
5	☐	250.000	269.039	3864.98	0.0007	P	1.9
6	☐	500.000	520.482	7395.23	0.0014	P	0.2
7	☐	1000.000	983.228	14500.51	0.0026	P	1.7
8	☐			64.45	0.0000	P	26.5

$$y = 2.6471\text{E-}006 * x + 4.0164\text{E-}007$$

R = 0.9994

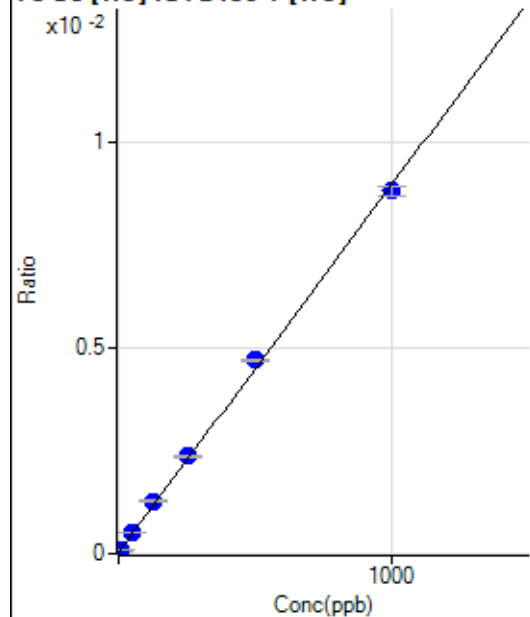
DL = 0.7884

BEC = 0.1517

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	214.45	0.0000	P	8.5
2	☐	5.000	5.563	491.12	0.0001	P	8.2
3	☐	50.000	52.541	2809.19	0.0005	P	2.5
4	☐	125.000	137.779	6864.98	0.0013	P	3.7
5	☐	250.000	261.960	12887.93	0.0024	P	1.5
6	☐	500.000	523.333	25261.61	0.0047	P	0.9
7	☐	1000.000	983.616	49094.35	0.0088	P	2.3
8	☐			448.90	0.0001	P	8.9

$$y = 8.9222\text{E-}006 * x + 3.8738\text{E-}005$$

R = 0.9995

DL = 1.11

BEC = 4.342

Weight: <None>

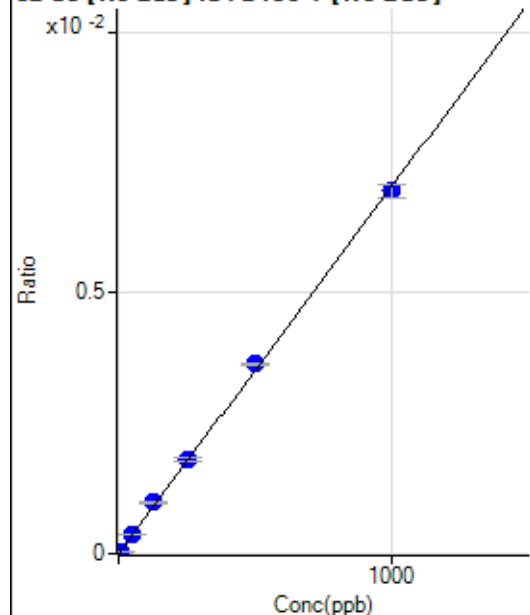
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			28440.89		P	1.5
2	☐			28841.68		P	0.7
3	☐			28122.48		P	0.9
4	☐			28077.96		P	1.2
5	☐			28393.00		P	1.9
6	☐			28820.59		P	1.8
7	☐			28950.80		P	1.8
8	☐			31875.65		P	0.6

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			128.89		P	7.9
2	☐			138.89		P	16.0
3	☐			135.56		P	10.2
4	☐			97.78		P	12.0
5	☐			132.22		P	5.2
6	☐			142.22		P	12.0
7	☐			165.56		P	5.1
8	☐			547.79		P	3.4

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	69.83	0.0000	P	27.6
2	☐	5.000	5.095	1020.38	0.0000	P	4.1
3	☐	50.000	53.691	10036.34	0.0004	P	1.5
4	☐	125.000	139.025	25001.29	0.0010	P	2.2
5	☐	250.000	254.419	48724.42	0.0018	P	4.2
6	☐	500.000	516.623	95014.43	0.0036	P	1.3
7	☐	1000.000	988.646	183859.45	0.0070	P	4.0
8	☐			1068.49	0.0000	P	6.6

$$y = 7.0298E-006 * x + 2.6802E-006$$

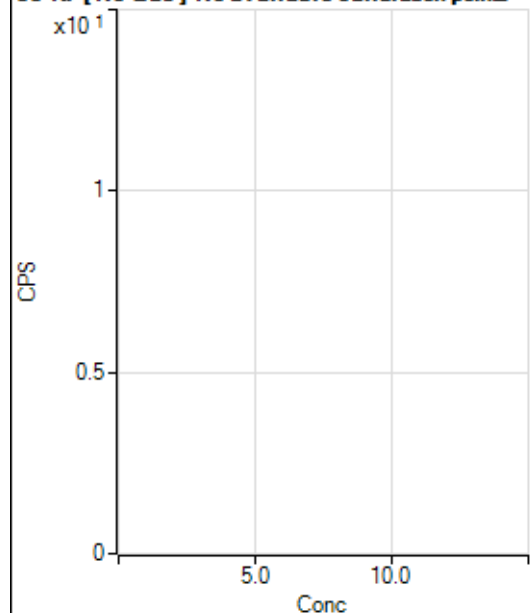
$$R = 0.9997$$

$$DL = 0.3155$$

$$BEC = 0.3813$$

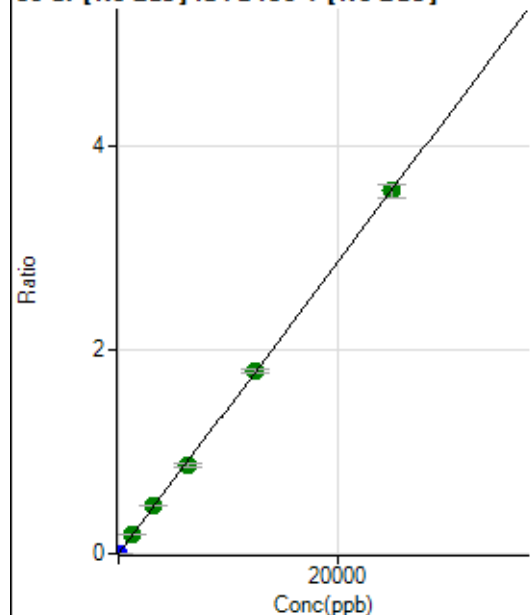
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			165.56		P	7.1
2	☐			175.56		P	4.0
3	☐			176.67		P	1.9
4	☐			153.34		P	9.5
5	☐			178.89		P	2.8
6	☐			208.89		P	20.0
7	☐			204.45		P	9.4
8	☐			256.67		P	27.6

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	296.67	0.0000	P	10.7
2	☐	1.000	0.979	3995.02	0.0002	P	3.1
3	☐	1250.000	1289.828	4848181.87	0.1836	A	0.9
4	☐	3125.000	3307.379	12010223.16	0.4708	A	2.9
5	☐	6250.000	6063.783	23478451.87	0.8632	A	4.9
6	☐	12500.000	12606.938	46918360.41	1.7947	A	1.7
7	☐	25000.000	24968.297	93998274.16	3.5544	A	3.5
8	☐			10673.99	0.0004	P	11.1

$$y = 1.4235E-004 * x + 1.1394E-005$$

$$R = 0.9999$$

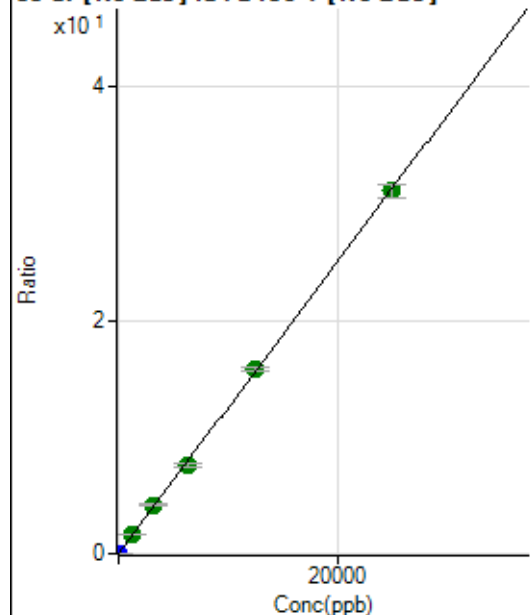
$$DL = 0.02568$$

$$BEC = 0.08004$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	287.78	0.0000	P	4.3
2	☐	1.000	1.017	33978.05	0.0013	P	2.2
3	☐	1250.000	1283.997	42366586.59	1.6046	A	0.3
4	☐	3125.000	3319.702	105838289.5	4.1487	A	2.7
5	☐	6250.000	6109.681	207672499.1	7.6354	A	4.9
6	☐	12500.000	12726.760	415799856.0	15.9049	A	2.0
7	☐	25000.000	24895.662	822789943.2	31.1126	A	3.7
8	☐			92073.91	0.0039	P	11.0

$$y = 0.0012 * x + 1.1054E-005$$

$$R = 0.9999$$

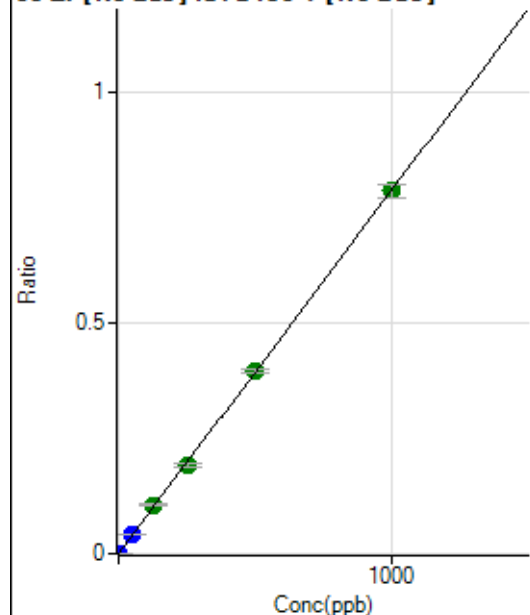
$$DL = 0.001149$$

$$BEC = 0.008845$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1073.38	0.0000	P	5.5
2	☐	1.000	0.891	19649.92	0.0007	P	1.5
3	☐	50.000	51.035	1059490.37	0.0401	P	0.5
4	☐	125.000	133.884	2683519.44	0.1052	A	3.1
5	☐	250.000	243.760	5209677.08	0.1915	A	4.8
6	☐	500.000	503.330	10336926.03	0.3954	A	2.1
7	☐	1000.000	998.733	20746573.30	0.7845	A	4.0
8	☐			8983.94	0.0004	P	4.1

$$y = 7.8548\text{E-}004 * x + 4.1235\text{E-}005$$

$$R = 0.9999$$

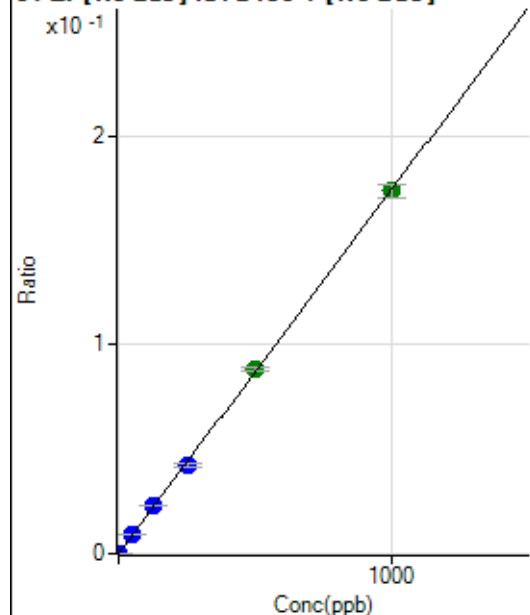
$$DL = 0.008611$$

$$BEC = 0.0525$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	170.00	0.0000	P	10.1
2	☐	1.000	0.934	4487.40	0.0002	P	1.5
3	☐	50.000	51.049	234991.67	0.0089	P	0.9
4	☐	125.000	132.047	587060.64	0.0230	P	2.3
5	☐	250.000	243.755	1155195.29	0.0425	P	5.1
6	☐	500.000	507.675	2312509.74	0.0885	A	1.4
7	☐	1000.000	996.790	4592598.85	0.1737	A	4.0
8	☐			1982.38	0.0001	P	2.9

$$y = 1.7422\text{E-}004 * x + 6.5282\text{E-}006$$

$$R = 0.9999$$

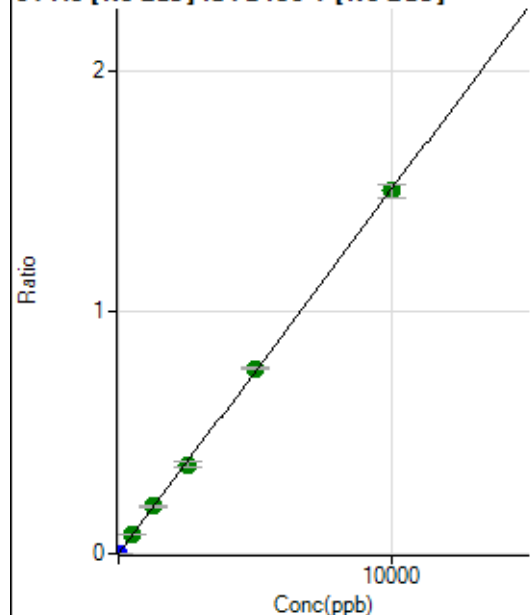
$$DL = 0.01134$$

$$BEC = 0.03747$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	422.23	0.0000	P	4.2
2	☐	5.000	5.854	23817.24	0.0009	P	1.0
3	☐	500.000	520.676	2072148.91	0.0785	A	0.7
4	☐	1250.000	1312.566	5045949.72	0.1978	A	3.4
5	☐	2500.000	2445.481	10023376.52	0.3686	A	5.4
6	☐	5000.000	5091.218	20058816.65	0.7673	A	2.0
7	☐	10000.000	9959.166	39691223.57	1.5009	A	3.7
8	☐			9315.27	0.0004	P	6.1

$$y = 1.5070\text{E-}004 * x + 1.6219\text{E-}005$$

$$R = 0.9999$$

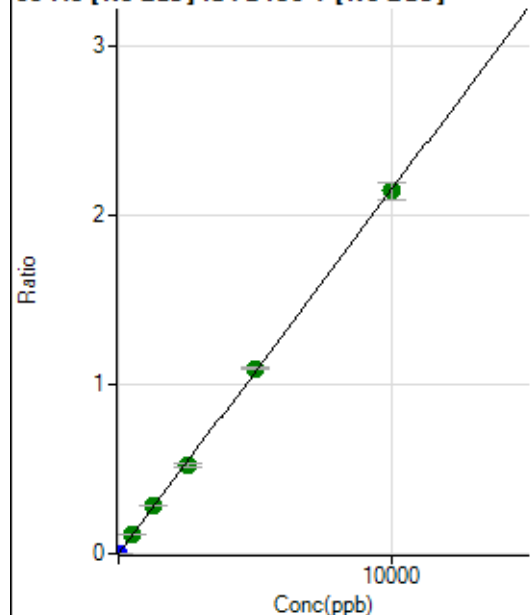
$$DL = 0.01371$$

$$BEC = 0.1076$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	172.22	0.0000	P	6.1
2	☐	5.000	5.101	29303.83	0.0011	P	0.8
3	☐	500.000	523.902	2979980.62	0.1129	A	1.2
4	☐	1250.000	1324.324	7277848.29	0.2853	A	3.0
5	☐	2500.000	2429.853	14237386.45	0.5235	A	5.1
6	☐	5000.000	5076.220	28590027.35	1.0936	A	0.9
7	☐	10000.000	9968.941	56790143.04	2.1476	A	4.6
8	☐			9684.43	0.0004	P	10.1

$$y = 2.1543\text{E-}004 * x + 6.6145\text{E-}006$$

$$R = 0.9999$$

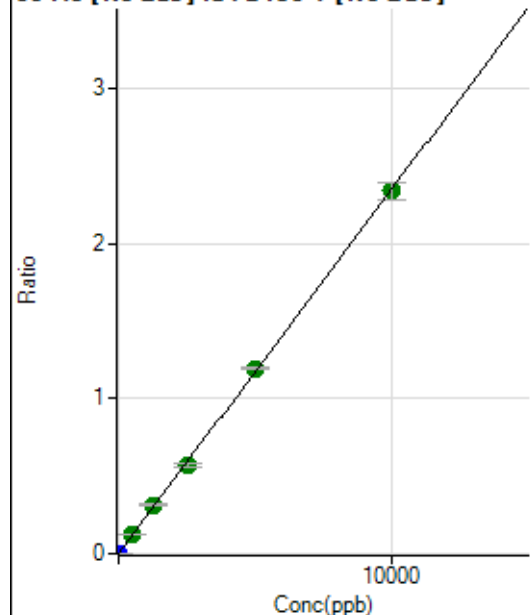
$$DL = 0.005608$$

$$BEC = 0.0307$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	274.45	0.0000	P	14.9
2	☐	5.000	5.161	32399.22	0.0012	P	1.0
3	☐	500.000	524.121	3248974.16	0.1231	A	0.7
4	☐	1250.000	1332.361	7979618.35	0.3128	A	2.7
5	☐	2500.000	2435.802	15552585.60	0.5719	A	5.3
6	☐	5000.000	5084.395	31205792.59	1.1937	A	1.3
7	☐	10000.000	9962.351	61846516.86	2.3388	A	4.6
8	☐			23723.83	0.0010	P	5.1

$$y = 2.3477E-004 * x + 1.0545E-005$$

$$R = 0.9999$$

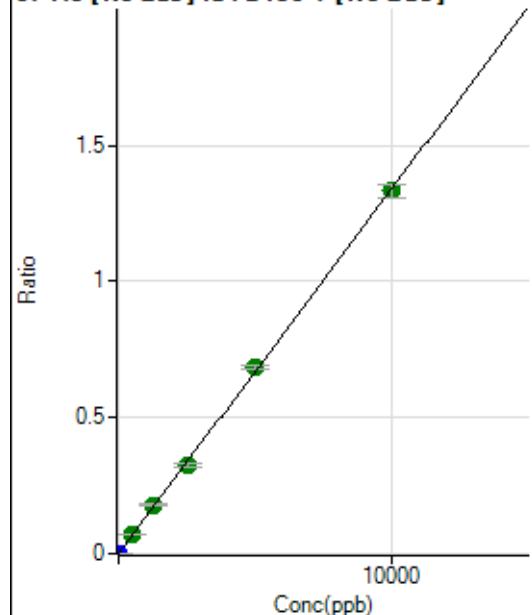
$$DL = 0.02005$$

$$BEC = 0.04492$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	134.45	0.0000	P	1.0
2	☐	5.000	5.063	18096.83	0.0007	P	1.3
3	☐	500.000	518.003	1830451.22	0.0693	A	0.6
4	☐	1250.000	1330.815	4543716.81	0.1781	A	2.8
5	☐	2500.000	2435.581	8865986.47	0.3260	A	4.7
6	☐	5000.000	5103.952	17857267.65	0.6831	A	1.7
7	☐	10000.000	9953.127	35226162.81	1.3320	A	3.8
8	☐			6245.83	0.0003	P	9.6

$$y = 1.3383E-004 * x + 5.1639E-006$$

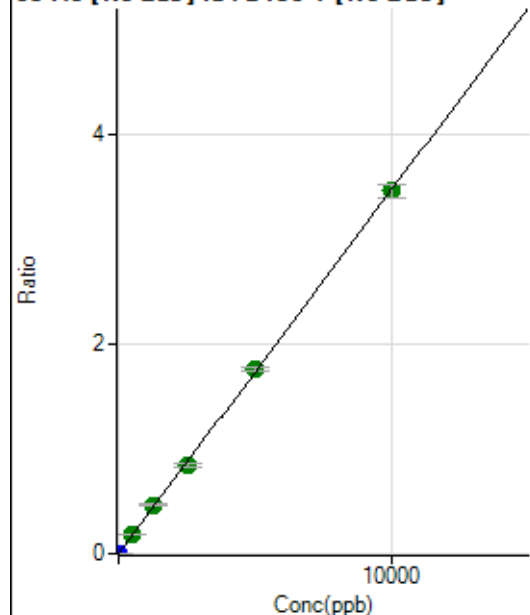
$$R = 0.9999$$

$$DL = 0.001125$$

$$BEC = 0.03859$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	262.23	0.0000	P	12.3
2	☐	5.000	5.089	47135.77	0.0018	P	0.8
3	☐	500.000	516.081	4734558.64	0.1793	A	0.1
4	☐	1250.000	1324.670	11738773.30	0.4603	A	4.1
5	☐	2500.000	2443.559	23094382.16	0.8490	A	4.4
6	☐	5000.000	5061.563	45975335.98	1.7586	A	2.4
7	☐	10000.000	9973.191	91640159.74	3.4652	A	3.5
8	☐			14901.15	0.0006	P	11.9

$$y = 3.4745\text{E-}004 * x + 1.0073\text{E-}005$$

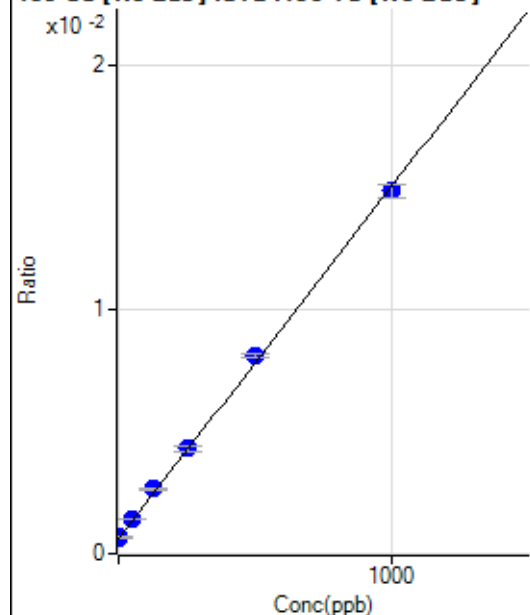
$$R = 0.9999$$

$$DL = 0.01069$$

$$BEC = 0.02899$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13798.86	0.0006	P	1.1
2	☐	1.000	2.202	14337.17	0.0007	P	1.6
3	☐	50.000	55.809	31007.58	0.0014	P	1.7
4	☐	125.000	139.518	55260.25	0.0026	P	2.3
5	☐	250.000	254.544	95642.44	0.0043	P	4.3
6	☐	500.000	519.014	175213.40	0.0081	P	1.8
7	☐	1000.000	987.251	325733.28	0.0148	P	4.0
8	☐			12575.55	0.0006	P	0.7

$$y = 1.4394\text{E-}005 * x + 6.3862\text{E-}004$$

$$R = 0.9997$$

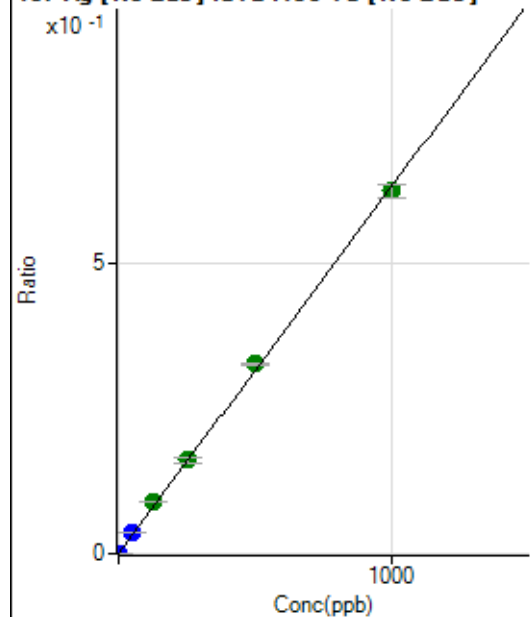
$$DL = 1.528$$

$$BEC = 44.37$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	145.56	0.0000	P	9.6
2	☐	1.000	1.069	14614.12	0.0007	P	1.9
3	☐	50.000	56.093	763248.65	0.0355	P	1.1
4	☐	125.000	141.101	1863840.41	0.0893	A	2.4
5	☐	250.000	254.288	3576028.35	0.1609	A	4.4
6	☐	500.000	516.314	7058082.95	0.3267	A	1.4
7	☐	1000.000	988.454	13718794.10	0.6254	A	3.9
8	☐			2673.61	0.0001	P	12.1

$$y = 6.3266\text{E-}004 * x + 6.7370\text{E-}006$$

$$R = 0.9997$$

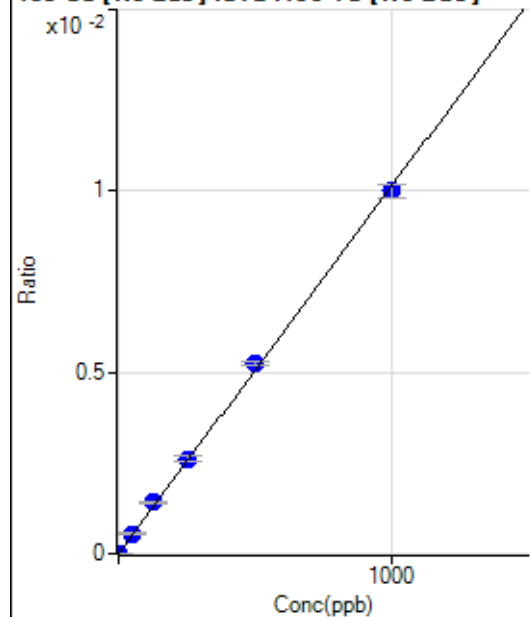
$$DL = 0.00307$$

$$BEC = 0.01065$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.11	0.0000	P	37.9
2	☐	1.000	0.885	232.23	0.0000	P	11.5
3	☐	50.000	54.570	11929.45	0.0006	P	1.8
4	☐	125.000	139.455	29531.20	0.0014	P	2.9
5	☐	250.000	257.254	57944.16	0.0026	P	6.2
6	☐	500.000	516.973	113195.33	0.0052	P	2.5
7	☐	1000.000	987.665	219536.82	0.0100	P	3.5
8	☐			180.00	0.0000	P	14.5

$$y = 1.0130\text{E-}005 * x + 1.8993\text{E-}006$$

$$R = 0.9997$$

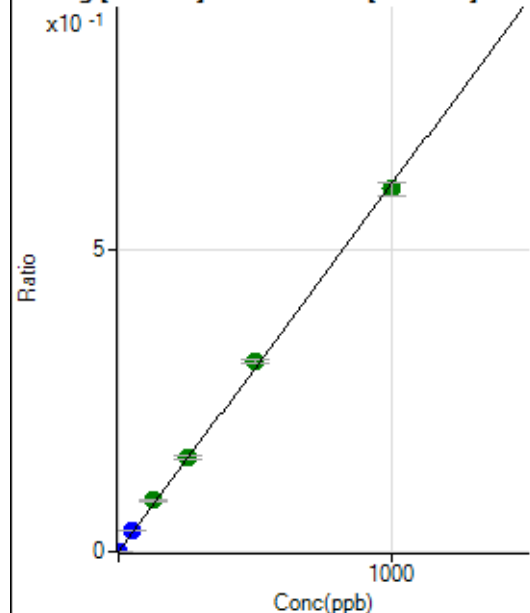
$$DL = 0.213$$

$$BEC = 0.1875$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	31.11	0.0000	P	31.3
2	☐	1.000	1.075	13984.61	0.0007	P	3.9
3	☐	50.000	55.370	722789.84	0.0336	P	1.4
4	☐	125.000	139.946	1773371.57	0.0850	A	3.1
5	☐	250.000	256.528	3460361.44	0.1557	A	5.6
6	☐	500.000	517.812	6791516.91	0.3143	A	2.2
7	☐	1000.000	987.325	13148101.06	0.5993	A	3.8
8	☐			2419.12	0.0001	P	9.1

$$y = 6.0703\text{E-}004 * x + 1.4414\text{E-}006$$

$$R = 0.9997$$

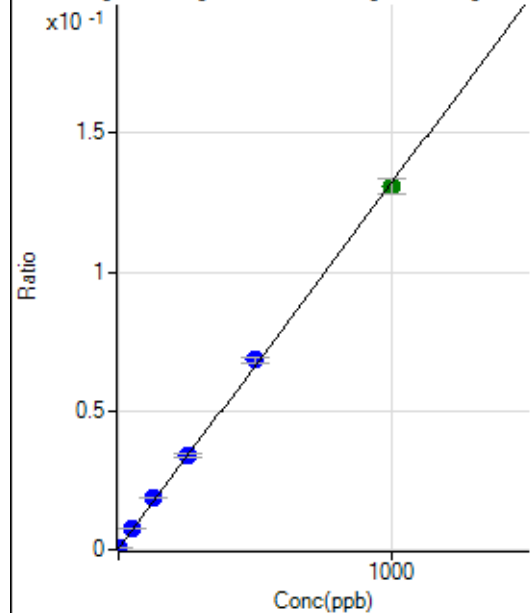
$$DL = 0.00223$$

$$BEC = 0.002375$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9692.64	0.0004	P	1.1
2	☐	1.000	1.166	12877.13	0.0006	P	1.9
3	☐	50.000	54.648	164307.92	0.0076	P	1.2
4	☐	125.000	138.908	391022.50	0.0187	P	2.8
5	☐	250.000	254.463	754282.19	0.0339	P	5.0
6	☐	500.000	515.110	1474498.28	0.0682	P	2.5
7	☐	1000.000	989.358	2866202.82	0.1307	A	4.2
8	☐			10048.08	0.0005	P	1.3

$$y = 1.3161\text{E-}004 * x + 4.4858\text{E-}004$$

$$R = 0.9997$$

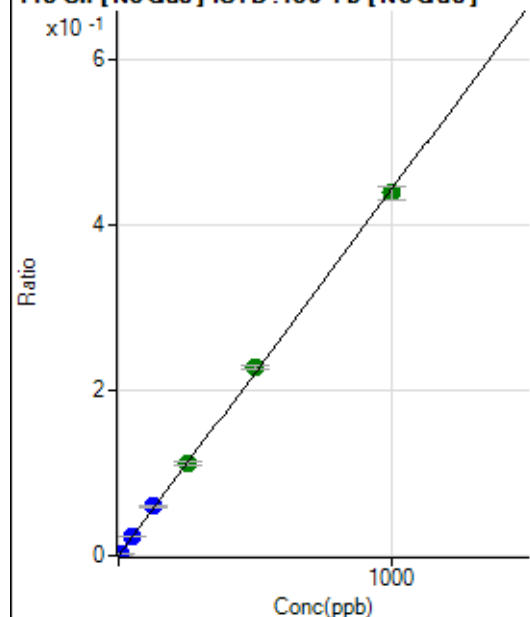
$$DL = 0.1142$$

$$BEC = 3.408$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1902.38	0.0001	P	11.7
2	☐	5.000	5.099	50115.73	0.0023	P	0.9
3	☐	50.000	52.885	504806.56	0.0235	P	0.9
4	☐	125.000	134.277	1241321.90	0.0595	P	3.4
5	☐	250.000	252.166	2479779.70	0.1116	A	6.0
6	☐	500.000	514.118	4914216.32	0.2274	A	2.6
7	☐	1000.000	991.095	9617042.77	0.4384	A	3.5
8	☐			6076.89	0.0003	P	3.0

$$y = 4.4223\text{E-}004 * x + 8.8085\text{E-}005$$

$$R = 0.9998$$

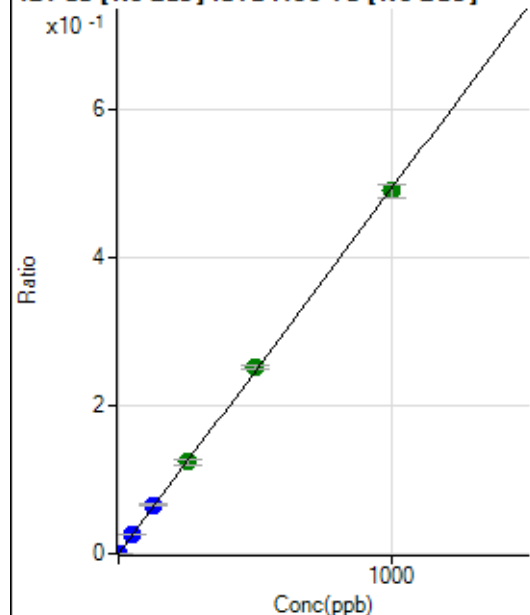
$$DL = 0.0701$$

$$BEC = 0.1992$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	323.34	0.0000	P	3.7
2	☐	2.000	2.019	21628.55	0.0010	P	2.4
3	☐	50.000	52.248	554813.76	0.0258	P	0.7
4	☐	125.000	133.225	1372976.16	0.0658	P	2.6
5	☐	250.000	250.655	2748703.29	0.1237	A	6.4
6	☐	500.000	509.614	5434555.20	0.2515	A	2.4
7	☐	1000.000	993.888	10761181.02	0.4905	A	3.8
8	☐			7001.77	0.0004	P	1.6

$$y = 4.9353\text{E-}004 * x + 1.4965\text{E-}005$$

$$R = 0.9999$$

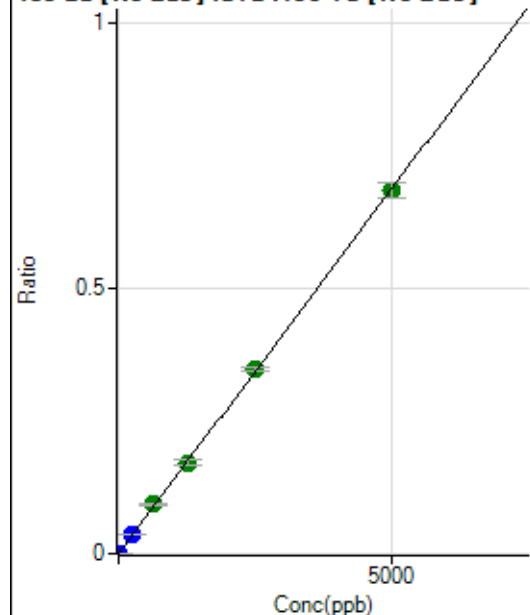
$$DL = 0.003392$$

$$BEC = 0.03032$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	184.45	0.0000	P	12.7
2	☐	10.000	9.665	28620.99	0.0013	P	1.6
3	☐	250.000	253.593	750340.70	0.0349	P	0.7
4	☐	625.000	680.691	1955042.87	0.0936	A	2.5
5	☐	1250.000	1249.951	3821314.25	0.1720	A	5.3
6	☐	2500.000	2534.687	7533712.18	0.3487	A	2.8
7	☐	5000.000	4975.528	15014569.08	0.6844	A	4.3
8	☐			8063.45	0.0004	P	2.4

$$y = 1.3756\text{E-}004 * x + 8.5315\text{E-}006$$

$$R = 0.9999$$

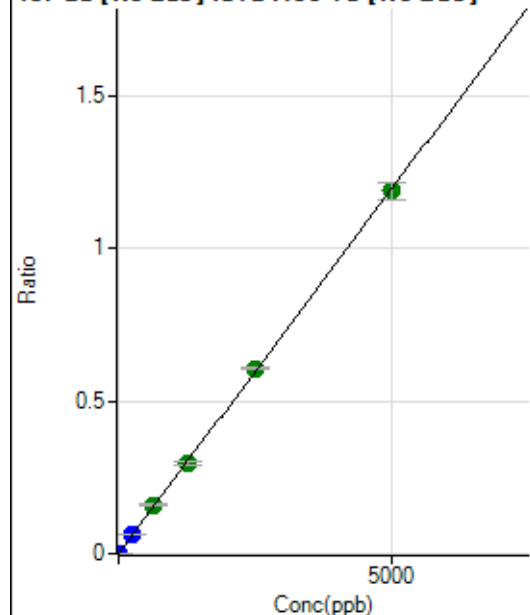
$$DL = 0.02364$$

$$BEC = 0.06202$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	307.78	0.0000	P	7.3
2	☐	10.000	9.718	49922.91	0.0023	P	0.7
3	☐	250.000	253.661	1302366.13	0.0606	P	1.0
4	☐	625.000	666.757	3323354.05	0.1592	A	2.1
5	☐	1250.000	1241.996	6588478.93	0.2965	A	5.5
6	☐	2500.000	2542.227	13112359.80	0.6069	A	1.7
7	☐	5000.000	4975.485	26053152.11	1.1877	A	4.5
8	☐			14052.62	0.0007	P	1.9

$$y = 2.3871\text{E-}004 * x + 1.4247\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.01316$$

$$BEC = 0.05969$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	99.0
2	☐			21.11		P	32.9
3	☐			112.22		P	17.4
4	☐			294.45		P	19.3
5	☐			488.90		P	5.0
6	☐			882.26		P	5.4
7	☐			1835.70		P	3.8
8	☐			452.23		P	9.8

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	17.3
2	☐			11.11		P	45.8
3	☐			22.22		P	48.2
4	☐			48.89		P	21.9
5	☐			113.34		P	8.8
6	☐			181.11		P	5.6
7	☐			378.90		P	4.8
8	☐			241.11		P	9.2

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	36.7
2	☐			17.78		P	71.0
3	☐			81.11		P	17.1
4	☐			148.89		P	27.6
5	☐			250.00		P	4.8
6	☐			478.90		P	11.9
7	☐			1033.38		P	2.9
8	☐			2482.46		P	5.3

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			17.78		P	43.3
2	☐			20.00		P	33.4
3	☐			83.33		P	8.0
4	☐			143.33		P	23.6
5	☐			236.67		P	12.0
6	☐			526.68		P	8.3
7	☐			1096.72		P	7.0
8	☐			1593.44		P	2.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			174.45		P	11.7
2	☐			166.67		P	4.0
3	☐			220.00		P	4.5
4	☐			244.45		P	30.3
5	☐			412.23		P	15.8
6	☐			518.90		P	11.0
7	☐			940.04		P	5.8
8	☐			2776.98		P	4.3

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			822.26		P	9.4
2	☐			806.70		P	4.0
3	☐			834.48		P	3.6
4	☐			883.37		P	5.2
5	☐			952.26		P	10.3
6	☐			993.38		P	4.0
7	☐			1362.30		P	2.1
8	☐			2461.35		P	3.2

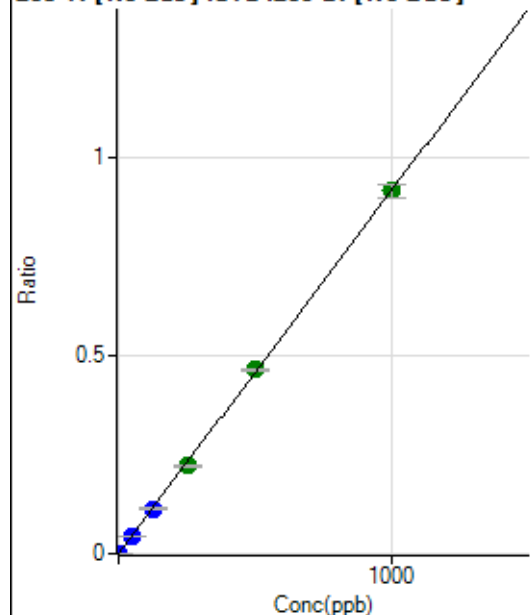
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			135.56		P	5.1
2	☐			154.45		P	21.6
3	☐			147.78		P	17.5
4	☐			176.67		P	6.8
5	☐			238.89		P	1.6
6	☐			263.34		P	6.3
7	☐			396.68		P	5.5
8	☐			432.23		P	10.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			102.23		P	9.4
2	☐			87.78		P	28.5
3	☐			112.22		P	6.9
4	☐			107.78		P	8.9
5	☐			141.11		P	13.0
6	☐			165.56		P	9.9
7	☐			257.78		P	9.7
8	☐			266.67		P	3.7

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	563.35	0.0000	P	4.5
2	☐	1.000	0.909	10881.10	0.0009	P	0.6
3	☐	50.000	47.989	542775.96	0.0440	P	0.6
4	☐	125.000	122.569	1346424.22	0.1124	P	3.6
5	☐	250.000	242.414	2817233.84	0.2223	A	2.8
6	☐	500.000	506.076	5586512.35	0.4641	A	1.1
7	☐	1000.000	999.263	10964135.46	0.9163	A	3.5
8	☐			2623.62	0.0003	P	13.1

$$y = 9.1690\text{E-}004 * x + 4.5881\text{E-}005$$

$$R = 0.9999$$

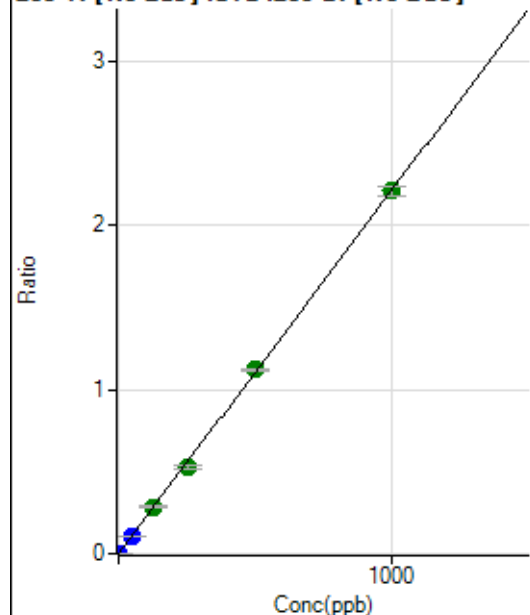
$$DL = 0.006804$$

$$BEC = 0.05004$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1360.08	0.0001	P	1.9
2	☐	1.000	0.904	26068.36	0.0021	P	1.1
3	☐	50.000	47.331	1289365.47	0.1046	P	1.3
4	☐	125.000	128.033	3387403.63	0.2829	A	3.6
5	☐	250.000	238.945	6688158.37	0.5278	A	3.0
6	☐	500.000	506.158	13457615.21	1.1179	A	1.3
7	☐	1000.000	999.439	26413910.16	2.2073	A	2.8
8	☐			6052.53	0.0006	P	8.8

$$y = 0.0022 * x + 1.1077\text{E-}004$$

$$R = 0.9999$$

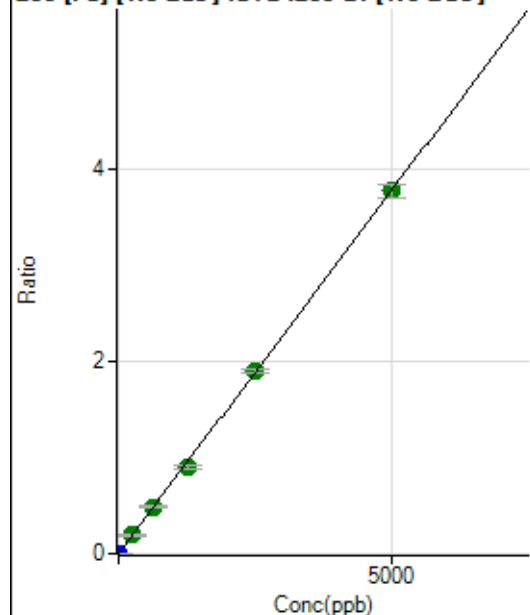
$$DL = 0.002854$$

$$BEC = 0.05016$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1176.73	0.0001	P	5.4
2	☐	1.000	0.884	9435.56	0.0008	P	2.9
3	☐	250.000	252.909	2353447.97	0.1910	A	1.3
4	☐	625.000	644.922	5829869.15	0.4869	A	4.2
5	☐	1250.000	1197.840	11457407.47	0.9042	A	3.4
6	☐	2500.000	2524.791	22941190.77	1.9058	A	2.2
7	☐	5000.000	4998.009	45141769.33	3.7725	A	3.8
8	☐			21842.05	0.0022	P	2.4

$$y = 7.5479\text{E-}004 * x + 9.5825\text{E-}005$$

$$R = 0.9999$$

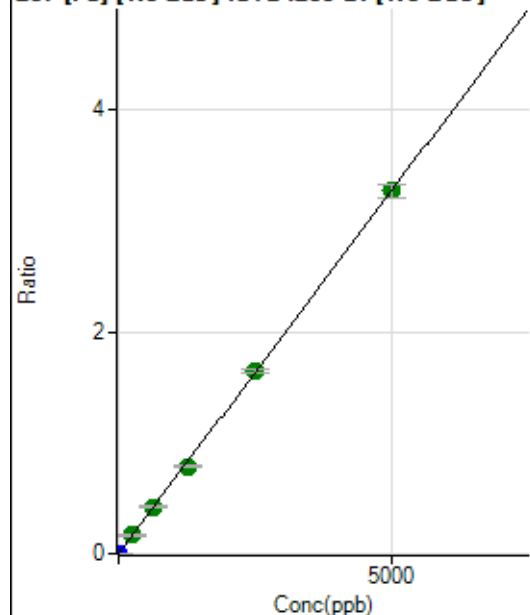
$$DL = 0.02068$$

$$BEC = 0.127$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1037.83	0.0001	P	5.5
2	☐	1.000	0.903	8359.31	0.0007	P	1.2
3	☐	250.000	253.056	2043048.42	0.1658	A	1.5
4	☐	625.000	646.925	5075031.21	0.4237	A	2.9
5	☐	1250.000	1203.950	9990707.70	0.7885	A	3.6
6	☐	2500.000	2518.040	19849456.51	1.6490	A	2.5
7	☐	5000.000	4999.599	39175471.36	3.2740	A	3.8
8	☐			18539.42	0.0019	P	3.7

$$y = 6.5483\text{E-}004 * x + 8.4537\text{E-}005$$

$$R = 0.9999$$

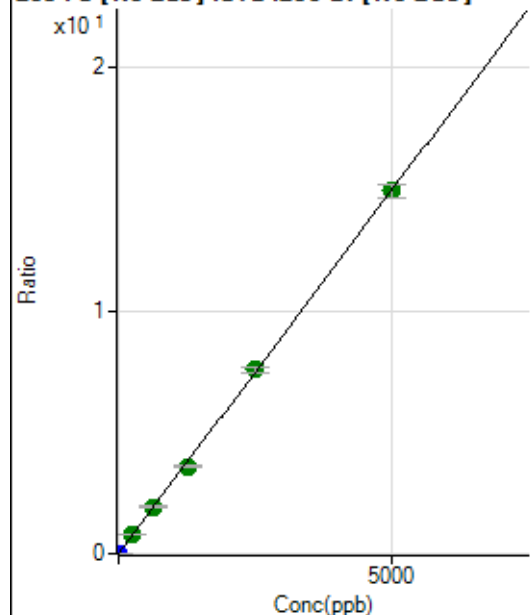
$$DL = 0.02124$$

$$BEC = 0.1291$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4705.93	0.0004	P	2.4
2	☐	1.000	0.895	37855.33	0.0031	P	1.0
3	☐	250.000	253.092	9328305.69	0.7570	A	1.1
4	☐	625.000	642.303	23001657.40	1.9205	A	3.2
5	☐	1250.000	1202.740	45563657.31	3.5960	A	3.7
6	☐	2500.000	2528.730	91002988.22	7.5600	A	2.5
7	☐	5000.000	4995.132	178688070.3	14.9332	A	3.8
8	☐			85621.04	0.0087	P	2.7

$$y = 0.0030 * x + 3.8330E-004$$

$$R = 0.9999$$

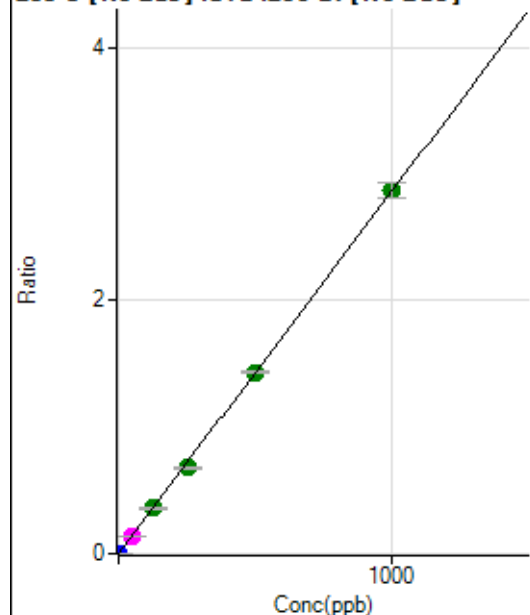
$$DL = 0.009234$$

$$BEC = 0.1282$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1174.51	0.0001	P	6.4
2	☐	1.000	0.868	31910.48	0.0026	P	2.4
3	☐	50.000	46.600	1644632.02	0.1335	M	4.2
4	☐	125.000	126.322	4330540.84	0.3616	A	3.6
5	☐	250.000	236.668	8584047.09	0.6774	A	2.9
6	☐	500.000	501.629	17282731.27	1.4357	A	1.9
7	☐	1000.000	1002.524	34331761.43	2.8692	A	4.1
8	☐			5493.42	0.0006	P	6.6

$$y = 0.0029 * x + 9.5649E-005$$

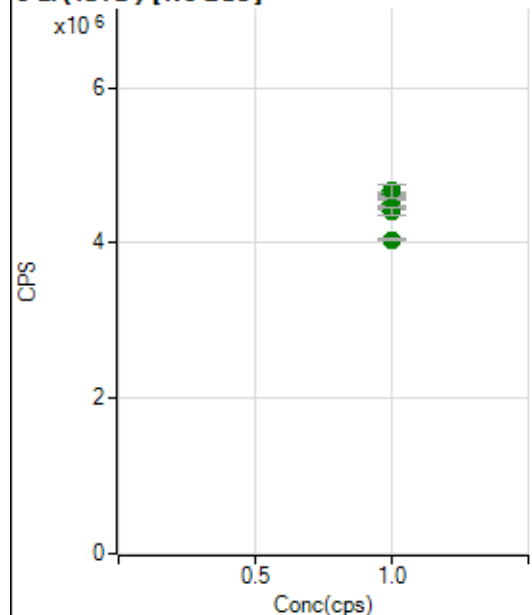
$$R = 0.9999$$

$$DL = 0.006464$$

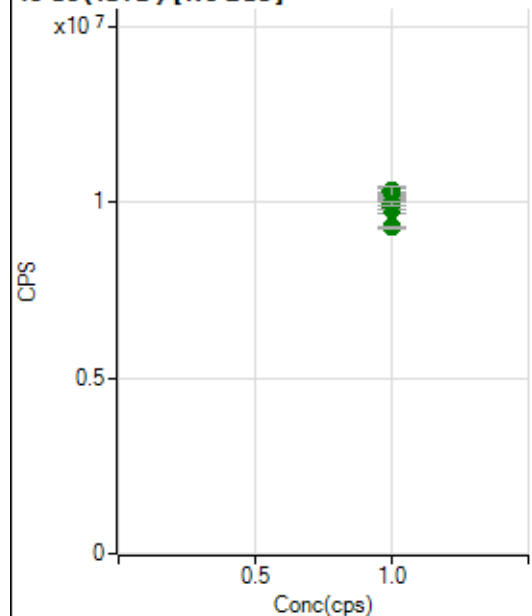
$$BEC = 0.03342$$

Weight: <None>

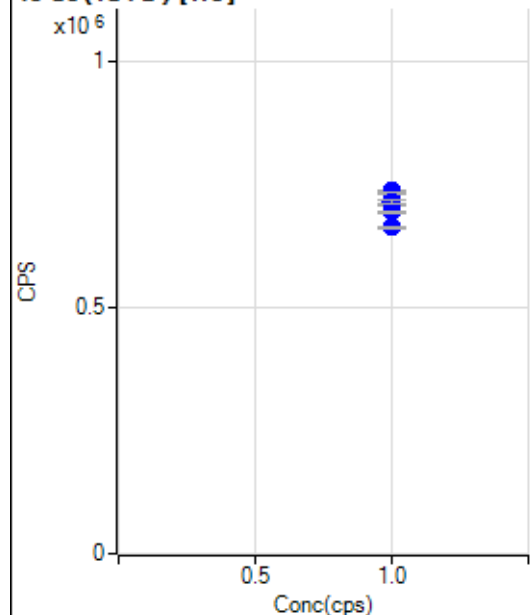
Min Conc: 0

6 Li (ISTD) [No Gas]

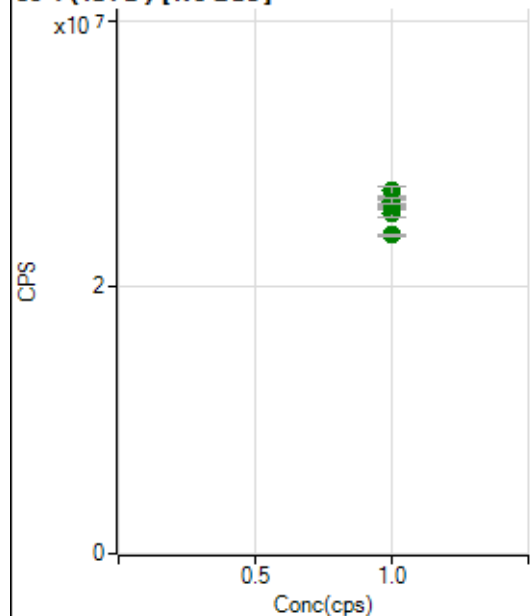
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4595709.48		A	1.2
2	☐	1.000		4619923.13		A	1.3
3	☐	1.000		4628030.11		A	0.7
4	☐	1.000		4500429.93		A	2.0
5	☐	1.000		4670361.08		A	3.6
6	☐	1.000		4455506.11		A	0.9
7	☐	1.000		4400032.57		A	2.5
8	☐	1.000		4042635.01		A	0.6

45 Sc (ISTD) [No Gas]

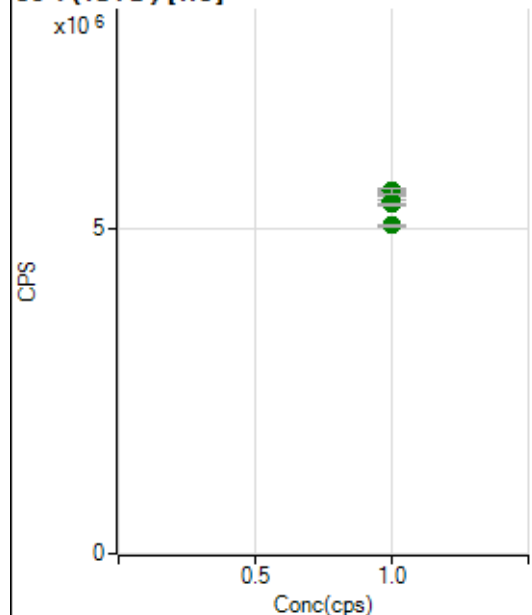
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10218209.64		A	0.4
2	☐	1.000		10330419.98		A	1.1
3	☐	1.000		10108218.67		A	0.7
4	☐	1.000		9872489.09		A	3.9
5	☐	1.000		10292829.71		A	3.2
6	☐	1.000		9788634.02		A	0.1
7	☐	1.000		9957325.27		A	1.0
8	☐	1.000		9284031.94		A	0.8

45 Sc (ISTD) [He]

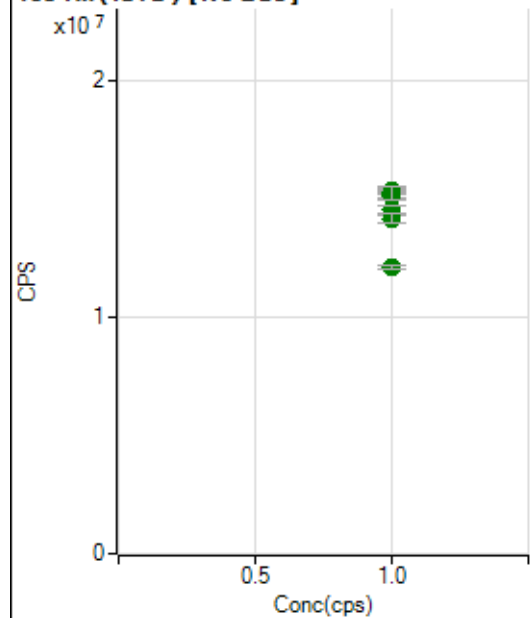
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		733138.19		P	0.3
2	☐	1.000		738157.97		P	0.6
3	☐	1.000		733775.41		P	0.2
4	☐	1.000		709056.46		P	0.5
5	☐	1.000		711827.19		P	0.5
6	☐	1.000		695561.23		P	0.6
7	☐	1.000		717564.56		P	1.1
8	☐	1.000		663898.76		P	0.5

89 Y (ISTD) [No Gas]

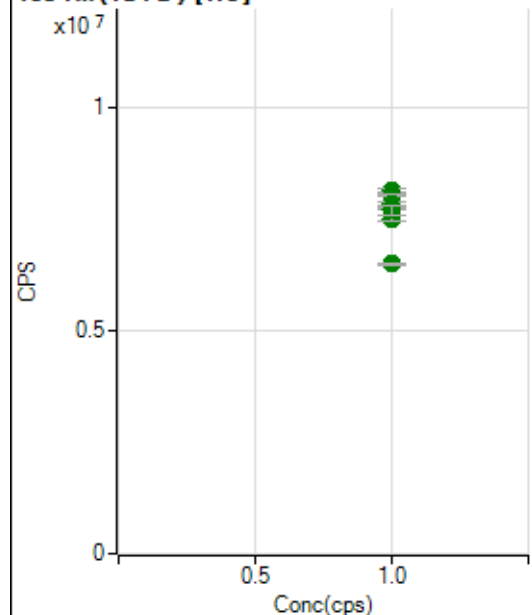
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		26035853.50		A	0.5
2	☐	1.000		26508354.88		A	0.2
3	☐	1.000		26402680.16		A	0.6
4	☐	1.000		25520628.23		A	2.4
5	☐	1.000		27223507.93		A	2.8
6	☐	1.000		26143054.33		A	0.6
7	☐	1.000		26455113.50		A	1.5
8	☐	1.000		23890461.59		A	0.1

89 Y(ISTD) [He]

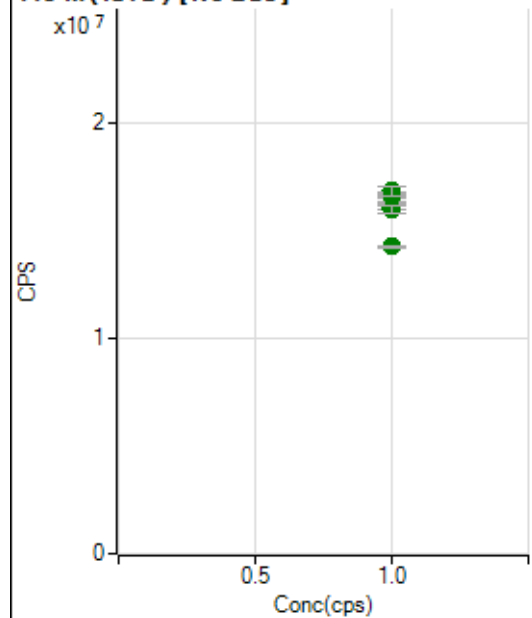
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5535892.77		A	0.5
2	☐	1.000		5557645.12		A	0.6
3	☐	1.000		5533550.89		A	1.8
4	☐	1.000		5414274.50		A	1.1
5	☐	1.000		5425343.56		A	2.1
6	☐	1.000		5365906.45		A	0.8
7	☐	1.000		5570768.25		A	1.8
8	☐	1.000		5046284.06		A	0.6

103 Rh(ISTD) [No Gas]

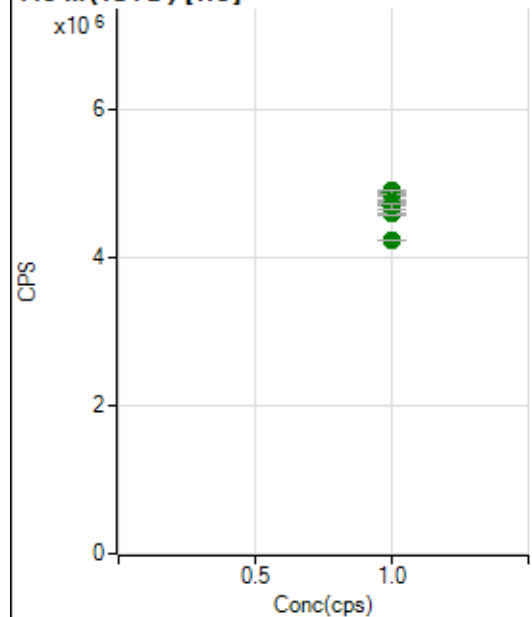
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15359711.58		A	1.1
2	☐	1.000		15302070.47		A	0.8
3	☐	1.000		15164377.13		A	1.1
4	☐	1.000		14546980.20		A	3.1
5	☐	1.000		15227088.80		A	3.7
6	☐	1.000		14337826.32		A	0.4
7	☐	1.000		14180231.31		A	2.9
8	☐	1.000		12151555.79		A	1.1

103 Rh (ISTD) [He]

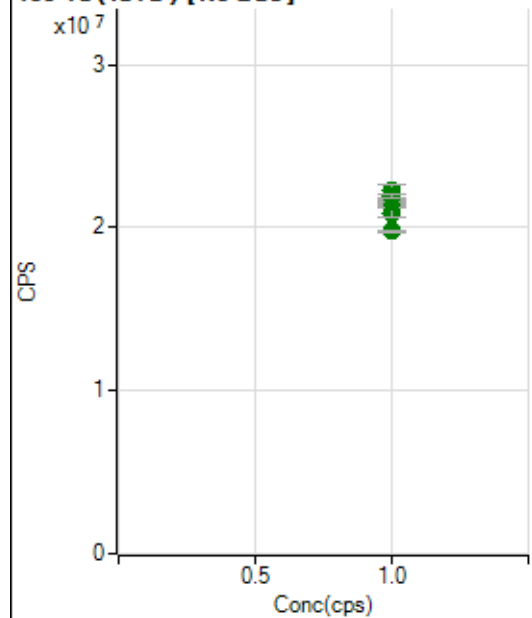
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8134645.57		A	1.2
2	☐	1.000		8055166.76		A	1.0
3	☐	1.000		8042932.03		A	0.6
4	☐	1.000		7843468.77		A	0.9
5	☐	1.000		7750930.58		A	0.5
6	☐	1.000		7516272.11		A	1.6
7	☐	1.000		7701424.40		A	2.4
8	☐	1.000		6503270.53		A	0.6

115 In (ISTD) [No Gas]

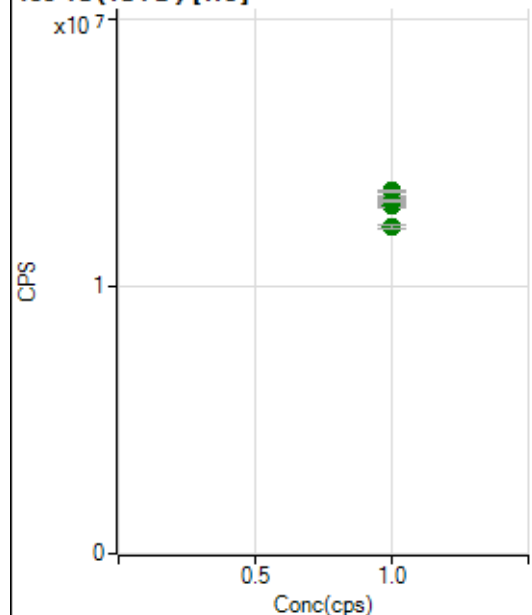
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		16487505.09		A	0.3
2	☐	1.000		16712112.93		A	0.9
3	☐	1.000		16624040.37		A	0.5
4	☐	1.000		16007449.49		A	3.4
5	☐	1.000		16814486.87		A	2.9
6	☐	1.000		16067766.61		A	1.8
7	☐	1.000		15975059.94		A	2.3
8	☐	1.000		14235850.25		A	0.5

115 In (ISTD) [He]

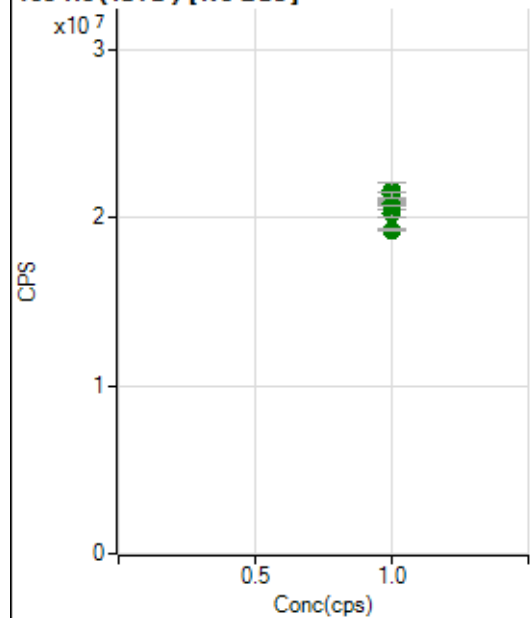
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4910938.03		A	0.8
2	☐	1.000		4879336.01		A	1.6
3	☐	1.000		4885918.35		A	1.0
4	☐	1.000		4746910.70		A	1.6
5	☐	1.000		4775478.75		A	0.9
6	☐	1.000		4594323.32		A	0.9
7	☐	1.000		4708117.77		A	1.5
8	☐	1.000		4247132.90		A	0.1

159 Tb (ISTD) [No Gas]

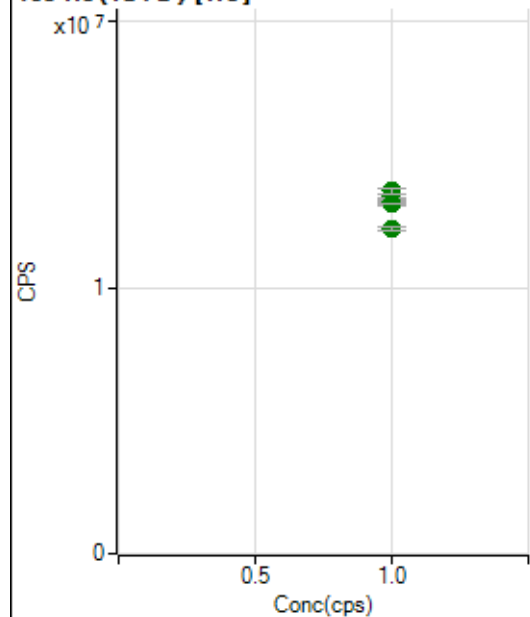
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		21607463.29		A	0.7
2	☐	1.000		21389362.46		A	0.4
3	☐	1.000		21504559.26		A	0.8
4	☐	1.000		20887359.13		A	2.9
5	☐	1.000		22250225.50		A	3.5
6	☐	1.000		21608051.90		A	0.6
7	☐	1.000		21944686.06		A	1.4
8	☐	1.000		19775998.73		A	0.4

159 Tb (ISTD) [He]

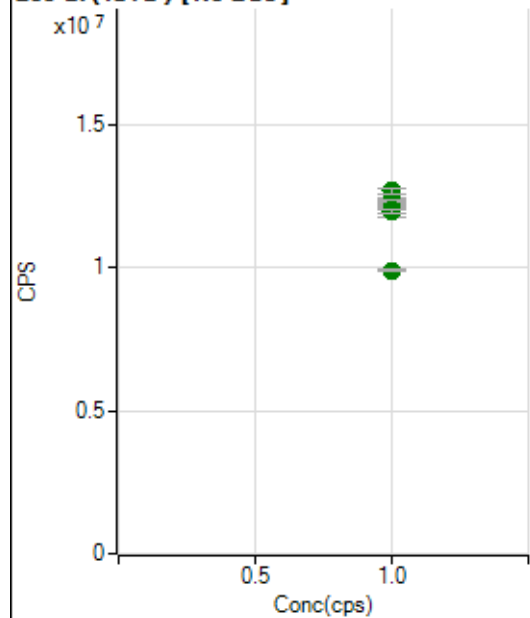
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13142935.92		A	0.6
2	☐	1.000		13105043.97		A	1.0
3	☐	1.000		13279682.58		A	0.6
4	☐	1.000		13000186.89		A	0.7
5	☐	1.000		13346466.19		A	0.8
6	☐	1.000		13176565.50		A	0.5
7	☐	1.000		13559585.22		A	0.5
8	☐	1.000		12228258.29		A	0.8

165 Ho (ISTD) [No Gas]

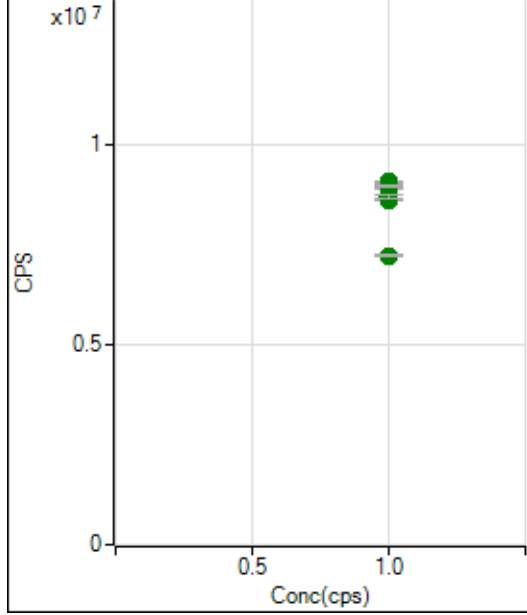
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		20843903.16		A	0.4
2	☐	1.000		20819362.88		A	1.3
3	☐	1.000		20950198.85		A	0.4
4	☐	1.000		20197616.79		A	2.2
5	☐	1.000		21579639.95		A	4.5
6	☐	1.000		20715704.69		A	0.4
7	☐	1.000		21334031.91		A	1.4
8	☐	1.000		19251609.02		A	0.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13126222.44		A	0.9
2	☐	1.000		13294624.94		A	0.4
3	☐	1.000		13257197.72		A	0.9
4	☐	1.000		13210169.66		A	1.0
5	☐	1.000		13427964.11		A	1.0
6	☐	1.000		13159048.83		A	0.3
7	☐	1.000		13639951.05		A	1.4
8	☐	1.000		12236965.37		A	1.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12278302.87		A	0.4
2	☐	1.000		12371859.81		A	1.1
3	☐	1.000		12323062.45		A	0.7
4	☐	1.000		11985394.40		A	3.4
5	☐	1.000		12675479.12		A	1.5
6	☐	1.000		12038701.21		A	0.6
7	☐	1.000		11969244.55		A	1.2
8	☐	1.000		9892498.46		A	0.8

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8953689.93		A	0.6
2	☐	1.000		9075086.39		A	0.5
3	☐	1.000		9048759.10		A	0.4
4	☐	1.000		8913876.67		A	0.7
5	☐	1.000		8957921.67		A	0.5
6	☐	1.000		8615057.92		A	0.4
7	☐	1.000		8719048.55		A	1.3
8	☐	1.000		7238108.29		A	1.0

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP7090523MS.b
Acq. Date-Time 2023-09-05 14:31:04
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		13820	138197.72			0.512	5.000
24		539008	5390083.88			0.767	5.000
25		67842	678424.76			1.650	5.000
26		77479	774786.75			0.514	5.000
59		114384	1143839.15			0.882	5.000
113		15682	156822.12			0.579	5.000
115		191478	1914783.44			1.356	5.000
206		109615	1096147.98			1.323	5.000
207		94373	943728.96			2.964	5.000
208		232359	2323587.70			1.163	5.000
220		0	4.00			47.599	

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

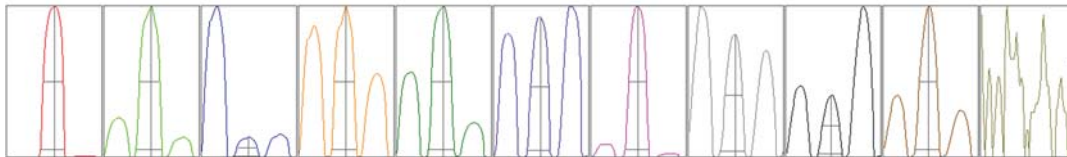
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	13840	13800	13932	13754	13772
24	532762	537074	541932	540357	542918
25	66439	67787	69533	67446	68007
26	76912	77291	77781	77911	77498
59	114605	115785	114011	113006	114513
113	15790	15669	15705	15706	15541
115	193042	188408	195070	190385	190487
206	110830	109863	111153	108138	108090
207	97454	91648	96832	91489	94441
208	235311	232625	234349	230958	228552

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	23060.01	9.05	8.90 - 9.10	
24	887961.77	24.00	23.90 - 24.10	
25	115791.90	25.00	24.90 - 25.10	
26	133438.95	26.00	25.90 - 26.10	
59	191308.09	59.00	58.90 - 59.10	
113	29038.41	113.00	112.90 - 113.10	
115	358115.18	115.00	114.90 - 115.10	
206	206330.04	206.00	205.90 - 206.10	
207	179054.90	206.95	206.90 - 207.10	
208	438745.13	207.95	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.62	0.761	0.900	
24	0.64	0.821	0.900	
25	0.62	0.784	0.900	
26	0.62	0.785	0.900	
59	0.62	0.813	0.900	
113	0.56	0.728	0.900	
115	0.54	0.763	0.900	
206	0.55	0.777	0.900	
207	0.54	0.773	0.900	
208	0.55	0.779	0.900	
220				

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.82 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	8.9 V	Deflect	14.6 V
Extract 2	-135.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-70 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	200 V		

QP Parameters

Mass Gain	131	Axis Gain	0.9970	QP Bias	-3.0 V
Mass Offset	129	Axis Offset	0.16		

Hardware Settings

Torch

Torch H	-1.0 mm	Torch V	0.9 mm
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EM

Discriminator	4.6 mV	Analog HV	2275 V	Pulse HV	1406 V
---------------	--------	-----------	--------	----------	--------

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		34573	345732.24			0.347	
89		374651	3746508.69			1.716	
205		91308	913082.88			2.199	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	34514	34448	34658	34738	34509
89	373615	372470	373168	385554	368447
205	93718	92411	91963	89230	89219

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.82 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	9.2 V	Deflect	2.6 V
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US EPA Tune Check Report

Extract 2	-130.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-65 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	131	Axis Gain	0.9970	QP Bias	-13.0 V
Mass Offset	129	Axis Offset	0.16		

Hardware Settings

Torch

Torch H	-1.0 mm	Torch V	0.9 mm
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EM

Discriminator	4.6 mV	Analog HV	2275 V	Pulse HV	1406 V
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LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 16:57:59	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.05	-0.16	0.20	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.02	-0.01	0.03	0.00	N/A	ppb
Barium	135-1	0.00	-0.01	0.01	0.00	N/A	ppb
Barium	137-1	-0.01	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	-0.02	0.02	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.02	-0.08	0.06	0.00	N/A	ppb
Cadmium	106-1	0.36	0.22	-0.58	0.00	N/A	ppb
Cadmium	111-1	0.03	0.02	-0.04	0.00	N/A	ppb
Calcium	43-1	3.14	-4.10	0.96	0.00	N/A	ppb
Calcium	44-1	-0.40	0.18	0.22	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.00	0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	-0.01	0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.02	0.08	-0.06	0.00	N/A	ppb
Iron	57-2	0.22	0.06	-0.29	0.00	N/A	ppb
Iron	54-2	-0.45	0.23	0.22	0.00	N/A	ppb
Krypton	83-1						cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 16:57:59	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	-0.01	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.10	0.13	-0.03	0.00	N/A	ppb
Manganese	55-2	-0.04	0.00	0.03	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.01	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	0.00	-0.01	0.01	0.00	N/A	ppb
Phosphorus	31-2	-10.33	-10.31	-14.73	-11.79		ppb
Potassium	39-2	-1.28	0.17	1.11	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.11	-0.02	-0.09	0.00	N/A	ppb
Selenium	77-2	-0.15	0.30	-0.15	0.00	N/A	ppb
Selenium	78-2	0.22	-0.43	0.20	0.00	N/A	ppb
Silicon	28-1	0.01	0.01	-0.03	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	-0.20	0.69	-0.50	0.00	N/A	ppb
Strontium	86-1	0.01	0.00	-0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	42.92	38.95	-69.56	4.10	1555.25	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.02	-0.02	0.00	N/A	ppb
Titanium	47-1	0.01	-0.01	0.00	0.00	N/A	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 16:57:59	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	-0.22	0.26	-0.04	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:01:13	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.83	22.14	21.41	21.46	3.05	ppb
Antimony	121-1	1.97	2.06	2.03	2.02	2.41	ppb
Arsenic	75-2	1.02	1.20	1.16	1.13	8.34	ppb
Barium	135-1	9.63	9.53	9.84	9.67	1.63	ppb
Barium	137-1	9.80	9.67	9.68	9.72	0.72	ppb
Beryllium	9-1	1.07	1.19	1.16	1.14	5.59	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.75	0.99	0.92	0.88	13.96	ppb
Cadmium	106-1	1.82	3.04	1.74	2.20	32.89	ppb
Cadmium	111-1	1.16	1.26	1.08	1.17	7.61	ppb
Calcium	43-1	479.43	524.49	487.77	497.23	4.82	ppb
Calcium	44-1	495.13	506.12	507.03	502.76	1.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.19	2.21	2.10	2.17	2.62	ppb
Cobalt	59-2	1.04	1.00	1.03	1.02	1.82	ppb
Copper	63-2	2.14	2.17	2.01	2.10	4.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	55.05	54.77	55.06	54.96	0.30	ppb
Iron	57-2	56.05	53.74	54.77	54.86	2.11	ppb
Iron	54-2	54.97	56.86	59.20	57.01	3.72	ppb
Krypton	83-1						cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:01:13	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.85	0.90	0.90	0.88	3.32	ppb
Lead	207-1	0.89	0.91	0.91	0.90	1.32	ppb
Lead	208-1	0.88	0.90	0.90	0.90	1.13	ppb
Lithium	6-1				101		%
Magnesium	24-2	507.85	508.37	503.39	506.54	0.54	ppb
Manganese	55-2	1.03	1.03	1.10	1.05	3.89	ppb
Molybdenum	94-1	5.85	5.80	5.92	5.85	1.05	ppb
Molybdenum	95-1	5.13	5.12	5.06	5.10	0.77	ppb
Molybdenum	96-1	5.20	5.11	5.17	5.16	0.98	ppb
Molybdenum	97-1	5.02	5.14	5.03	5.06	1.31	ppb
Molybdenum	98-1	5.12	5.10	5.04	5.09	0.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.16	1.15	1.08	1.13	3.98	ppb
Phosphorus	31-2	15.12	8.99	11.26	11.79	26.29	ppb
Potassium	39-2	512.46	512.04	512.42	512.31	0.05	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	5.22	5.23	4.84	5.09	4.37	ppb
Selenium	77-2	6.43	6.82	4.86	6.04	17.19	ppb
Selenium	78-2	6.49	5.21	4.99	5.56	14.64	ppb
Silicon	28-1	0.56	0.54	0.59	0.57	4.56	ppb
Silver	107-1	1.07	1.09	1.05	1.07	1.96	ppb
Silver	109-1	1.03	1.09	1.11	1.07	3.89	ppb
Sodium	23-2	507.18	505.42	503.88	505.49	0.33	ppb
Strontium	86-1	0.95	1.02	0.97	0.98	3.35	ppb
Strontium	88-1	1.01	1.00	1.04	1.02	2.18	ppb
Sulfur	34-1	-75.47	-1.58	64.74	-4.10		ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	0.91	0.90	0.91	0.91	0.68	ppb
Thallium	205-1	0.91	0.89	0.90	0.90	1.17	ppb
Tin	118-1	5.08	5.15	5.07	5.10	0.92	ppb
Titanium	47-1	5.16	5.06	5.10	5.11	1.02	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:01:13	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.84	0.88	0.88	0.87	2.51	ppb
Vanadium	51-2	5.01	4.87	4.83	4.90	1.94	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	2.28	1.98	1.92	2.06	9.31	ppb
Zirconium	90-1	0.91	0.89	0.88	0.89	1.62	ppb
Zirconium	91-1	0.92	0.94	0.94	0.93	1.57	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:04:31	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1083.53	1089.01	1074.03	1082.19	0.70	ppb
Antimony	121-1	51.89	52.21	52.64	52.25	0.73	ppb
Arsenic	75-2	53.20	52.43	51.91	52.51	1.23	ppb
Barium	135-1	251.73	254.93	254.12	253.59	0.66	ppb
Barium	137-1	250.88	254.64	255.46	253.66	0.96	ppb
Beryllium	9-1	55.07	54.67	55.31	55.02	0.59	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	54.53	55.57	53.61	54.57	1.79	ppb
Cadmium	106-1	56.82	53.79	56.81	55.81	3.13	ppb
Cadmium	111-1	54.15	54.34	55.45	54.65	1.29	ppb
Calcium	43-1	5935.21	6113.92	6034.17	6027.77	1.49	ppb
Calcium	44-1	5601.15	5532.31	5555.41	5562.96	0.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.93	52.07	51.64	52.21	1.26	ppb
Cobalt	59-2	52.85	53.23	51.98	52.69	1.21	ppb
Copper	63-2	533.23	529.17	534.65	532.35	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	2647.66	2650.78	2630.73	2643.05	0.41	ppb
Iron	57-2	2751.16	2763.22	2801.98	2772.12	0.96	ppb
Iron	54-2	2850.08	2861.43	2815.15	2842.22	0.85	ppb
Krypton	83-1						cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:04:31	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	255.18	254.33	249.21	252.91	1.28	ppb
Lead	207-1	252.62	257.00	249.55	253.06	1.48	ppb
Lead	208-1	253.39	255.76	250.12	253.09	1.12	ppb
Lithium	6-1				101		%
Magnesium	24-2	5252.55	5212.72	5185.35	5216.87	0.65	ppb
Manganese	55-2	519.20	530.12	516.35	521.89	1.39	ppb
Molybdenum	94-1	516.41	523.32	522.30	520.68	0.72	ppb
Molybdenum	95-1	519.33	521.12	531.25	523.90	1.23	ppb
Molybdenum	96-1	519.97	525.25	527.14	524.12	0.71	ppb
Molybdenum	97-1	515.86	516.64	521.52	518.00	0.59	ppb
Molybdenum	98-1	516.04	515.79	516.41	516.08	0.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.10	53.12	52.29	52.84	0.90	ppb
Phosphorus	31-2	1018.65	1015.27	1021.03	1018.32	0.28	ppb
Potassium	39-2	2525.50	2570.18	2559.48	2551.72	0.91	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	53.08	54.60	53.39	53.69	1.50	ppb
Selenium	77-2	47.67	46.95	52.74	49.12	6.42	ppb
Selenium	78-2	51.60	51.83	54.19	52.54	2.73	ppb
Silicon	28-1	55.94	56.95	56.57	56.49	0.91	ppb
Silver	107-1	55.43	56.24	56.60	56.09	1.07	ppb
Silver	109-1	54.48	55.87	55.77	55.37	1.40	ppb
Sodium	23-2	5113.92	5192.71	5108.66	5138.43	0.92	ppb
Strontium	86-1	1276.96	1300.54	1291.98	1289.83	0.93	ppb
Strontium	88-1	1282.01	1282.02	1287.96	1284.00	0.27	ppb
Sulfur	34-1	991.98	1034.15	1006.93	1011.02	2.11	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	48.33	47.75	47.88	47.99	0.64	ppb
Thallium	205-1	47.99	47.18	46.83	47.33	1.26	ppb
Tin	118-1	52.33	53.16	53.17	52.89	0.91	ppb
Titanium	47-1	512.21	519.13	519.59	516.98	0.80	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:04:31	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	45.74	48.85	45.21	46.60	4.22	ppb
Vanadium	51-2	50.51	50.74	50.69	50.65	0.24	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	543.02	547.58	540.52	543.71	0.66	ppb
Zirconium	90-1	50.76	51.16	51.19	51.03	0.47	ppb
Zirconium	91-1	50.49	51.33	51.33	51.05	0.95	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:07:30	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2707.61	2718.63	2697.65	2707.96	0.39	ppb
Antimony	121-1	137.10	131.95	130.62	133.22	2.57	ppb
Arsenic	75-2	130.30	133.62	129.82	131.24	1.58	ppb
Barium	135-1	700.06	672.79	669.23	680.69	2.48	ppb
Barium	137-1	682.74	662.18	655.35	666.76	2.14	ppb
Beryllium	9-1	143.00	137.22	138.48	139.57	2.18	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	144.11	137.11	137.14	139.45	2.89	ppb
Cadmium	106-1	144.24	137.79	136.52	139.52	2.97	ppb
Cadmium	111-1	143.45	137.50	135.77	138.91	2.90	ppb
Calcium	43-1	15900.10	14719.39	14956.85	15192.12	4.11	ppb
Calcium	44-1	14570.65	13617.95	13578.21	13922.27	4.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	132.57	133.76	132.96	133.10	0.46	ppb
Cobalt	59-2	132.82	133.55	132.35	132.91	0.45	ppb
Copper	63-2	1326.08	1348.03	1339.18	1337.76	0.83	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				101		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	56-2	6565.07	6705.59	6614.44	6628.37	1.08	ppb
Iron	57-2	7013.43	7124.99	7026.14	7054.85	0.87	ppb
Iron	54-2	7148.78	7201.91	7091.99	7147.56	0.77	ppb
Krypton	83-1						cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:07:30	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	676.14	630.08	628.55	644.92	4.19	ppb
Lead	207-1	668.55	635.83	636.39	646.93	2.90	ppb
Lead	208-1	665.76	635.30	625.85	642.30	3.25	ppb
Lithium	6-1				98		%
Magnesium	24-2	13216.20	13160.50	12980.11	13118.94	0.94	ppb
Manganese	55-2	1301.14	1332.43	1287.19	1306.92	1.77	ppb
Molybdenum	94-1	1362.52	1296.06	1279.12	1312.57	3.36	ppb
Molybdenum	95-1	1369.98	1306.96	1296.03	1324.32	3.01	ppb
Molybdenum	96-1	1373.42	1316.74	1306.93	1332.36	2.69	ppb
Molybdenum	97-1	1370.00	1325.01	1297.44	1330.81	2.75	ppb
Molybdenum	98-1	1386.83	1301.81	1285.37	1324.67	4.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.03	135.46	131.56	133.01	1.60	ppb
Phosphorus	31-2	2584.16	2640.42	2580.03	2601.54	1.30	ppb
Potassium	39-2	6382.52	6494.79	6448.59	6441.97	0.88	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	142.56	137.25	137.27	139.02	2.20	ppb
Selenium	77-2	135.28	137.31	145.86	139.48	4.03	ppb
Selenium	78-2	132.89	137.03	143.42	137.78	3.85	ppb
Silicon	28-1	147.36	136.95	137.94	140.75	4.08	ppb
Silver	107-1	145.05	139.38	138.87	141.10	2.43	ppb
Silver	109-1	144.88	138.28	136.68	139.95	3.11	ppb
Sodium	23-2	13083.12	13012.65	12980.09	13025.28	0.40	ppb
Strontium	86-1	3415.67	3230.46	3276.00	3307.38	2.92	ppb
Strontium	88-1	3415.73	3308.56	3234.81	3319.70	2.74	ppb
Sulfur	34-1	3011.72	2361.98	2502.19	2625.29	13.02	ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	127.61	120.43	119.67	122.57	3.58	ppb
Thallium	205-1	133.43	125.42	125.25	128.03	3.65	ppb
Tin	118-1	139.46	132.66	130.71	134.28	3.42	ppb
Titanium	47-1	1360.02	1277.05	1297.57	1311.55	3.29	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:07:30	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	131.61	123.94	123.41	126.32	3.63	ppb
Vanadium	51-2	129.06	129.43	128.01	128.84	0.57	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	1378.41	1389.46	1366.61	1378.16	0.83	ppb
Zirconium	90-1	138.72	130.99	131.94	133.88	3.15	ppb
Zirconium	91-1	135.55	130.34	130.25	132.05	2.30	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:10:23	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5167.59	5217.92	5224.35	5203.29	0.60	ppb
Antimony	121-1	232.14	258.73	261.09	250.66	6.41	ppb
Arsenic	75-2	260.08	255.12	268.69	261.29	2.63	ppb
Barium	135-1	1173.43	1289.01	1287.41	1249.95	5.30	ppb
Barium	137-1	1165.15	1265.73	1295.11	1242.00	5.49	ppb
Beryllium	9-1	246.00	267.94	268.63	260.86	4.93	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	238.73	266.01	267.02	257.25	6.24	ppb
Cadmium	106-1	240.16	265.22	258.26	254.54	5.08	ppb
Cadmium	111-1	239.79	260.10	263.50	254.46	5.04	ppb
Calcium	43-1	26617.89	29138.79	28914.50	28223.73	4.94	ppb
Calcium	44-1	24674.49	26915.59	26884.73	26158.27	4.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	257.91	259.24	261.61	259.59	0.72	ppb
Cobalt	59-2	258.45	260.48	261.55	260.16	0.60	ppb
Copper	63-2	2647.30	2600.82	2632.30	2626.81	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	56-2	13130.95	12977.49	13194.77	13101.07	0.85	ppb
Iron	57-2	13739.26	13801.57	13877.48	13806.10	0.50	ppb
Iron	54-2	13277.08	13448.38	13553.78	13426.42	1.04	ppb
Krypton	83-1						cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:10:23	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1153.19	1234.73	1205.60	1197.84	3.45	ppb
Lead	207-1	1160.17	1247.70	1203.98	1203.95	3.64	ppb
Lead	208-1	1154.38	1241.65	1212.20	1202.74	3.69	ppb
Lithium	6-1				102		%
Magnesium	24-2	25865.95	25607.71	25790.70	25754.79	0.52	ppb
Manganese	55-2	2532.72	2546.68	2571.24	2550.21	0.76	ppb
Molybdenum	94-1	2304.47	2468.53	2563.44	2445.48	5.36	ppb
Molybdenum	95-1	2297.59	2449.49	2542.48	2429.85	5.09	ppb
Molybdenum	96-1	2302.89	2446.17	2558.35	2435.80	5.26	ppb
Molybdenum	97-1	2322.40	2434.27	2550.07	2435.58	4.67	ppb
Molybdenum	98-1	2327.93	2461.01	2541.74	2443.56	4.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	259.07	259.91	262.14	260.37	0.61	ppb
Phosphorus	31-2	5109.73	5102.84	5179.22	5130.59	0.82	ppb
Potassium	39-2	12698.54	12814.93	12524.12	12679.20	1.15	ppb
Rhodium	103-1				99		%
Rhodium	103-2				95		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	82-1	243.21	255.67	264.38	254.42	4.18	ppb
Selenium	77-2	264.61	267.79	274.71	269.04	1.92	ppb
Selenium	78-2	259.26	260.18	266.44	261.96	1.49	ppb
Silicon	28-1	245.52	267.38	266.83	259.91	4.80	ppb
Silver	107-1	241.66	258.11	263.09	254.29	4.41	ppb
Silver	109-1	240.78	259.96	268.84	256.53	5.59	ppb
Sodium	23-2	25671.75	25672.13	25667.24	25670.37	0.01	ppb
Strontium	86-1	5758.14	6087.57	6345.64	6063.78	4.86	ppb
Strontium	88-1	5795.74	6141.83	6391.47	6109.68	4.90	ppb
Sulfur	34-1	3997.33	4759.47	4508.62	4421.81	8.78	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	236.34	249.63	241.28	242.41	2.77	ppb
Thallium	205-1	231.31	245.55	239.97	238.95	3.00	ppb
Tin	118-1	234.74	261.48	260.28	252.17	5.99	ppb
Titanium	47-1	2315.34	2502.71	2529.45	2449.17	4.76	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:10:23	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	229.02	242.56	238.43	236.67	2.93	ppb
Vanadium	51-2	254.18	254.67	255.36	254.74	0.23	ppb
Yttrium	89-1				105		%
Yttrium	89-2				98		%
Zinc	66-2	2685.51	2693.21	2649.95	2676.22	0.86	ppb
Zirconium	90-1	230.21	251.04	250.03	243.76	4.82	ppb
Zirconium	91-1	230.06	246.57	254.63	243.75	5.14	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:13:09	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10456.66	10678.62	10395.00	10510.09	1.42	ppb
Antimony	121-1	495.22	516.88	516.75	509.61	2.45	ppb
Arsenic	75-2	524.18	525.90	515.24	521.77	1.10	ppb
Barium	135-1	2451.63	2572.64	2579.79	2534.69	2.84	ppb
Barium	137-1	2493.08	2576.04	2557.57	2542.23	1.71	ppb
Beryllium	9-1	493.81	514.98	510.18	506.32	2.19	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	502.07	526.75	522.09	516.97	2.54	ppb
Cadmium	106-1	507.31	524.23	525.50	519.01	1.96	ppb
Cadmium	111-1	500.27	524.63	520.43	515.11	2.53	ppb
Calcium	43-1	56004.14	57294.91	57730.42	57009.82	1.57	ppb
Calcium	44-1	52966.47	54624.88	55672.45	54421.27	2.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	530.31	516.57	515.81	520.90	1.57	ppb
Cobalt	59-2	512.71	524.43	518.28	518.48	1.13	ppb
Copper	63-2	5197.84	5231.21	5213.02	5214.02	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				99		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	26395.61	26413.39	26053.98	26287.66	0.77	ppb
Iron	57-2	26483.75	26721.51	26648.19	26617.82	0.46	ppb
Iron	54-2	27291.57	26715.23	27363.20	27123.33	1.31	ppb
Krypton	83-1						cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:13:09	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2460.11	2565.76	2548.51	2524.79	2.24	ppb
Lead	207-1	2445.92	2543.86	2564.34	2518.04	2.51	ppb
Lead	208-1	2457.30	2557.53	2571.36	2528.73	2.46	ppb
Lithium	6-1				97		%
Magnesium	24-2	51455.14	51352.18	51836.47	51547.93	0.49	ppb
Manganese	55-2	5163.74	5210.66	5119.14	5164.51	0.89	ppb
Molybdenum	94-1	4979.61	5171.76	5122.28	5091.22	1.96	ppb
Molybdenum	95-1	5022.82	5102.10	5103.74	5076.22	0.91	ppb
Molybdenum	96-1	5011.92	5139.94	5101.32	5084.40	1.29	ppb
Molybdenum	97-1	5018.45	5189.59	5103.81	5103.95	1.68	ppb
Molybdenum	98-1	4940.56	5180.26	5063.86	5061.56	2.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	515.54	512.30	516.85	514.90	0.45	ppb
Phosphorus	31-2	10288.03	10269.67	10410.75	10322.82	0.74	ppb
Potassium	39-2	25797.14	25434.04	25671.70	25634.29	0.72	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	82-1	509.64	522.76	517.46	516.62	1.28	ppb
Selenium	77-2	521.30	519.22	520.93	520.48	0.21	ppb
Selenium	78-2	524.42	527.43	518.16	523.33	0.90	ppb
Silicon	28-1	515.64	530.49	527.20	524.44	1.49	ppb
Silver	107-1	508.14	521.57	519.23	516.31	1.39	ppb
Silver	109-1	505.46	527.08	520.90	517.81	2.15	ppb
Sodium	23-2	51703.72	51951.59	50986.35	51547.22	0.97	ppb
Strontium	86-1	12360.57	12765.45	12694.79	12606.94	1.72	ppb
Strontium	88-1	12457.26	12953.81	12769.21	12726.76	1.97	ppb
Sulfur	34-1	9513.03	9619.51	9564.13	9565.56	0.56	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	499.61	509.01	509.61	506.08	1.11	ppb
Thallium	205-1	498.33	510.39	509.76	506.16	1.34	ppb
Tin	118-1	498.94	523.70	519.72	514.12	2.59	ppb
Titanium	47-1	5010.06	5178.85	5276.60	5155.17	2.62	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:13:09	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	490.82	506.85	507.22	501.63	1.87	ppb
Vanadium	51-2	514.18	515.36	518.66	516.07	0.45	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	5269.04	5199.06	5228.79	5232.30	0.67	ppb
Zirconium	90-1	491.41	512.28	506.30	503.33	2.13	ppb
Zirconium	91-1	499.61	511.01	512.40	507.68	1.38	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:15:57	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20420.41	19538.52	20003.96	19987.63	2.21	ppb
Antimony	121-1	950.11	1018.15	1013.40	993.89	3.82	ppb
Arsenic	75-2	1005.65	962.42	988.07	985.38	2.21	ppb
Barium	135-1	4729.26	5098.28	5099.05	4975.53	4.29	ppb
Barium	137-1	4717.41	5070.47	5138.57	4975.49	4.54	ppb
Beryllium	9-1	933.80	1026.01	1016.35	992.05	5.11	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	948.97	998.76	1015.27	987.66	3.49	ppb
Cadmium	106-1	941.59	1000.12	1020.05	987.25	4.13	ppb
Cadmium	111-1	943.89	998.29	1025.90	989.36	4.22	ppb
Calcium	43-1	106476.04	112334.96	112366.25	110392.42	3.07	ppb
Calcium	44-1	100810.87	106811.60	108645.77	105422.75	3.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	996.04	972.55	989.50	986.03	1.23	ppb
Cobalt	59-2	996.99	970.84	993.47	987.10	1.44	ppb
Copper	63-2	9984.71	9678.18	9883.21	9848.70	1.59	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				104		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	51385.41	49695.08	50516.14	50532.21	1.67	ppb
Iron	57-2	51461.74	49608.32	50392.42	50487.49	1.84	ppb
Iron	54-2	51612.92	51110.59	52014.71	51579.41	0.88	ppb
Krypton	83-1						cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:15:57	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4780.83	5094.51	5118.69	4998.01	3.77	ppb
Lead	207-1	4779.13	5130.41	5089.26	4999.60	3.84	ppb
Lead	208-1	4777.97	5110.71	5096.71	4995.13	3.77	ppb
Lithium	6-1				96		%
Magnesium	24-2	100153.95	97882.87	98632.76	98889.86	1.17	ppb
Manganese	55-2	9991.02	9784.03	9915.89	9896.98	1.06	ppb
Molybdenum	94-1	9531.76	10147.17	10198.57	9959.17	3.73	ppb
Molybdenum	95-1	9437.64	10256.69	10212.50	9968.94	4.62	ppb
Molybdenum	96-1	9445.22	10150.85	10290.98	9962.35	4.55	ppb
Molybdenum	97-1	9526.10	10085.87	10247.41	9953.13	3.80	ppb
Molybdenum	98-1	9573.69	10146.75	10199.13	9973.19	3.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	992.74	972.52	1001.19	988.81	1.49	ppb
Phosphorus	31-2	19874.89	19586.42	19915.69	19792.33	0.91	ppb
Potassium	39-2	49891.84	49052.62	49580.21	49508.22	0.86	ppb
Rhodium	103-1				92		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	942.56	1008.35	1015.03	988.65	4.05	ppb
Selenium	77-2	978.36	969.50	1001.82	983.23	1.70	ppb
Selenium	78-2	1009.71	973.80	967.33	983.62	2.32	ppb
Silicon	28-1	965.94	995.63	987.74	983.10	1.56	ppb
Silver	107-1	943.92	1009.65	1011.79	988.45	3.90	ppb
Silver	109-1	944.57	1007.64	1009.76	987.33	3.75	ppb
Sodium	23-2	101322.69	97225.16	99735.98	99427.94	2.08	ppb
Strontium	86-1	23955.17	25459.52	25490.20	24968.30	3.51	ppb
Strontium	88-1	23842.61	25393.49	25450.88	24895.66	3.66	ppb
Sulfur	34-1	19733.32	20818.30	20485.05	20345.56	2.73	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	959.34	1021.79	1016.66	999.26	3.47	ppb
Thallium	205-1	967.76	1020.93	1009.63	999.44	2.80	ppb
Tin	118-1	951.45	1005.57	1016.27	991.10	3.51	ppb
Titanium	47-1	9493.10	10134.76	10151.89	9926.58	3.78	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:15:57	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	955.03	1024.22	1028.32	1002.52	4.11	ppb
Vanadium	51-2	988.76	977.22	1004.83	990.27	1.40	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	9924.43	9733.49	9806.85	9821.59	0.98	ppb
Zirconium	90-1	952.54	1016.10	1027.56	998.73	4.05	ppb
Zirconium	91-1	950.76	1018.83	1020.78	996.79	4.00	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:18:42	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99489.75	99797.62	100518.48	99935.28	0.53	ppb
Antimony	121-1	0.68	0.70	0.68	0.69	1.64	ppb
Arsenic	75-2	0.42	0.42	0.34	0.39	12.21	ppb
Barium	135-1	2.95	2.94	2.82	2.90	2.44	ppb
Barium	137-1	2.98	2.91	2.86	2.92	1.97	ppb
Beryllium	9-1	0.42	0.34	0.32	0.36	14.81	ppb
Bismuth	209-1				81		%
Bismuth	209-2				81		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.71	0.84	0.58	0.71	18.28	ppb
Cadmium	106-1	0.05	-0.07	-0.54	-0.19		ppb
Cadmium	111-1	0.45	0.50	0.40	0.45	10.78	ppb
Calcium	43-1	490259.08	500785.28	499900.96	496981.77	1.17	ppb
Calcium	44-1	497059.15	495926.48	502137.03	498374.22	0.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.24	3.20	3.31	3.25	1.61	ppb
Cobalt	59-2	2.82	2.80	2.80	2.81	0.51	ppb
Copper	63-2	2.69	2.61	2.68	2.66	1.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				93		%
Indium	115-1				86		%
Indium	115-2				86		%
Iron	56-2	248581.62	250380.56	250209.37	249723.85	0.40	ppb
Iron	57-2	246882.21	249715.60	252359.91	249652.57	1.10	ppb
Iron	54-2	247234.07	250527.59	250437.14	249399.60	0.75	ppb
Krypton	83-1						cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:18:42	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.83	2.85	2.72	2.80	2.48	ppb
Lead	207-1	2.84	2.72	2.63	2.73	3.85	ppb
Lead	208-1	2.83	2.79	2.68	2.77	2.84	ppb
Lithium	6-1				88		%
Magnesium	24-2	498099.09	495685.58	506250.87	500011.85	1.11	ppb
Manganese	55-2	6.28	6.31	6.18	6.26	1.14	ppb
Molybdenum	94-1	2.66	2.42	2.36	2.48	6.31	ppb
Molybdenum	95-1	2.07	1.78	1.71	1.85	10.26	ppb
Molybdenum	96-1	4.43	4.05	4.07	4.18	5.14	ppb
Molybdenum	97-1	2.08	1.95	1.71	1.91	9.76	ppb
Molybdenum	98-1	1.99	1.73	1.57	1.77	12.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.88	3.87	3.94	3.90	1.03	ppb
Phosphorus	31-2	0.44	-4.64	5.76	0.52	999.15	ppb
Potassium	39-2	250231.99	248887.26	250942.62	250020.63	0.42	ppb
Rhodium	103-1				79		%
Rhodium	103-2				80		%
Scandium	45-1				91		%
Scandium	45-2				91		%
Selenium	82-1	5.72	6.47	5.76	5.98	7.03	ppb
Selenium	77-2	4.83	5.88	3.33	4.68	27.39	ppb
Selenium	78-2	5.03	5.20	6.65	5.63	15.76	ppb
Silicon	28-1	4.11	4.52	4.58	4.40	5.86	ppb
Silver	107-1	0.22	0.21	0.17	0.20	12.72	ppb
Silver	109-1	0.22	0.20	0.18	0.20	9.23	ppb
Sodium	23-2	497629.85	497736.03	504369.07	499911.65	0.77	ppb
Strontium	86-1	3.43	3.01	2.74	3.06	11.37	ppb
Strontium	88-1	3.46	2.96	2.80	3.07	11.03	ppb
Sulfur	34-1	-216.75	-225.23	-88.03	-176.67		ppb
Terbium	159-1				92		%
Terbium	159-2				93		%
Thallium	203-1	0.28	0.22	0.21	0.24	15.86	ppb
Thallium	205-1	0.25	0.22	0.21	0.23	10.76	ppb
Tin	118-1	0.52	0.48	0.49	0.50	4.19	ppb
Titanium	47-1	1.53	1.42	1.54	1.50	4.30	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:18:42	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.17	0.16	0.15	0.16	7.95	ppb
Vanadium	51-2	0.29	0.34	0.34	0.32	8.08	ppb
Yttrium	89-1				92		%
Yttrium	89-2				91		%
Zinc	66-2	5.65	5.36	5.08	5.36	5.26	ppb
Zirconium	90-1	0.44	0.43	0.40	0.43	4.64	ppb
Zirconium	91-1	0.43	0.44	0.45	0.44	3.10	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	ICV24	Instrumnet Name :	P7
Client Sample ID :	ICV24	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:36:00	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	537.64	538.81	539.49	538.65	0.17	ppb
Antimony	121-1	204.05	209.02	207.86	206.98	1.25	ppb
Arsenic	75-2	208.88	212.52	211.48	210.96	0.89	ppb
Barium	135-1	99.89	101.66	102.77	101.44	1.44	ppb
Barium	137-1	100.36	101.40	102.19	101.32	0.91	ppb
Beryllium	9-1	105.21	107.23	107.83	106.76	1.29	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	89.89	93.39	92.99	92.09	2.08	ppb
Cadmium	106-1	86.58	89.59	90.18	88.78	2.18	ppb
Cadmium	111-1	105.83	107.81	108.24	107.29	1.20	ppb
Calcium	43-1	2032.46	2037.14	2087.55	2052.38	1.49	ppb
Calcium	44-1	2017.88	2047.48	2074.68	2046.68	1.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	103.83	103.89	103.63	103.79	0.13	ppb
Cobalt	59-2	105.90	104.96	106.28	105.71	0.64	ppb
Copper	63-2	104.43	104.50	103.40	104.11	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				100		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	2079.12	2050.78	2043.47	2057.79	0.92	ppb
Iron	57-2	2200.35	2179.45	2165.27	2181.69	0.81	ppb
Iron	54-2	2278.85	2261.15	2248.93	2262.98	0.66	ppb
Krypton	83-1						cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	ICV24	Instrumnet Name :	P7
Client Sample ID :	ICV24	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:36:00	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	219.63	215.57	218.01	217.74	0.94	ppb
Lead	207-1	198.42	197.44	199.09	198.32	0.42	ppb
Lead	208-1	211.58	210.10	212.02	211.23	0.48	ppb
Lithium	6-1				101		%
Magnesium	24-2	1174.96	1165.54	1161.48	1167.33	0.59	ppb
Manganese	55-2	104.99	104.76	103.42	104.39	0.82	ppb
Molybdenum	94-1	0.70	0.67	0.69	0.69	2.29	ppb
Molybdenum	95-1	0.86	0.81	0.79	0.82	4.17	ppb
Molybdenum	96-1	0.80	0.88	0.79	0.82	5.44	ppb
Molybdenum	97-1	0.82	0.80	0.89	0.84	5.68	ppb
Molybdenum	98-1	0.84	0.81	0.84	0.83	2.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	112.48	110.33	111.05	111.29	0.98	ppb
Phosphorus	31-2	-6.84	-9.40	-8.76	-8.33		ppb
Potassium	39-2	2081.15	2091.10	2063.36	2078.54	0.68	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	216.21	217.56	217.47	217.08	0.35	ppb
Selenium	77-2	217.48	230.00	213.57	220.35	3.90	ppb
Selenium	78-2	212.60	208.34	215.88	212.27	1.78	ppb
Silicon	28-1	0.08	0.10	0.18	0.12	41.46	ppb
Silver	107-1	53.17	54.27	54.43	53.95	1.28	ppb
Silver	109-1	52.78	53.93	54.63	53.78	1.74	ppb
Sodium	23-2	2030.83	2019.60	1967.30	2005.91	1.69	ppb
Strontium	86-1	0.32	0.32	0.32	0.32	0.73	ppb
Strontium	88-1	0.33	0.33	0.32	0.32	1.00	ppb
Sulfur	34-1	-213.63	-140.37	-69.14	-141.05		ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	215.67	210.34	212.50	212.84	1.26	ppb
Thallium	205-1	209.45	208.17	208.95	208.86	0.31	ppb
Tin	118-1	0.04	0.05	0.02	0.04	36.52	ppb
Titanium	47-1	0.06	0.05	0.92	0.34	146.92	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	ICV24	Instrumnet Name :	P7
Client Sample ID :	ICV24	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:36:00	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	5.27	ppb
Vanadium	51-2	99.68	98.53	99.31	99.17	0.59	ppb
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	195.83	191.58	191.56	192.99	1.27	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	20.28	ppb
Zirconium	91-1	0.07	0.08	0.08	0.07	8.60	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:50:48	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.20	21.28	20.83	20.44	5.35	ppb
Antimony	121-1	1.81	1.88	1.92	1.87	2.89	ppb
Arsenic	75-2	1.02	1.14	0.95	1.04	9.58	ppb
Barium	135-1	8.50	9.05	8.89	8.81	3.20	ppb
Barium	137-1	8.64	9.02	9.07	8.91	2.61	ppb
Beryllium	9-1	1.01	1.05	1.06	1.04	2.81	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.89	1.00	0.92	0.94	6.18	ppb
Cadmium	106-1	1.26	1.89	1.03	1.39	31.73	ppb
Cadmium	111-1	1.02	1.01	1.06	1.03	2.93	ppb
Calcium	43-1	468.22	467.52	468.12	467.95	0.08	ppb
Calcium	44-1	456.61	461.41	470.98	463.00	1.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.91	1.98	2.00	1.96	2.31	ppb
Cobalt	59-2	1.00	0.94	0.96	0.97	2.95	ppb
Copper	63-2	1.91	2.00	1.85	1.92	4.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	51.89	50.75	51.71	51.45	1.19	ppb
Iron	57-2	50.71	53.65	52.45	52.27	2.82	ppb
Iron	54-2	55.21	52.38	54.08	53.89	2.64	ppb
Krypton	83-1						cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:50:48	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.81	0.85	0.87	0.84	3.33	ppb
Lead	207-1	0.82	0.84	0.87	0.84	3.23	ppb
Lead	208-1	0.83	0.86	0.86	0.85	2.12	ppb
Lithium	6-1				101		%
Magnesium	24-2	478.01	469.93	473.50	473.82	0.85	ppb
Manganese	55-2	1.07	1.03	1.03	1.04	1.88	ppb
Molybdenum	94-1	5.33	5.49	5.39	5.41	1.50	ppb
Molybdenum	95-1	4.77	4.77	4.80	4.78	0.40	ppb
Molybdenum	96-1	4.66	4.80	4.85	4.77	2.07	ppb
Molybdenum	97-1	4.57	4.79	4.73	4.70	2.50	ppb
Molybdenum	98-1	4.59	4.69	4.75	4.68	1.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	1.07	1.05	1.06	0.62	ppb
Phosphorus	31-2	16.71	8.62	8.31	11.21	42.49	ppb
Potassium	39-2	483.54	481.37	488.98	484.63	0.81	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	4.66	4.63	5.08	4.79	5.32	ppb
Selenium	77-2	4.23	4.46	6.10	4.93	20.75	ppb
Selenium	78-2	4.20	5.37	3.84	4.47	17.87	ppb
Silicon	28-1	0.45	0.44	0.52	0.47	8.59	ppb
Silver	107-1	0.90	0.97	0.99	0.96	4.98	ppb
Silver	109-1	0.95	0.97	1.05	0.99	5.66	ppb
Sodium	23-2	489.67	487.62	493.78	490.36	0.64	ppb
Strontium	86-1	0.87	0.92	0.92	0.90	3.25	ppb
Strontium	88-1	0.92	0.94	0.96	0.94	1.74	ppb
Sulfur	34-1	-170.07	-64.79	39.87	-65.00		ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	0.82	0.85	0.88	0.85	3.75	ppb
Thallium	205-1	0.81	0.85	0.85	0.84	2.56	ppb
Tin	118-1	4.55	4.85	4.65	4.68	3.28	ppb
Titanium	47-1	4.52	4.85	4.96	4.78	4.73	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:50:48	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.79	0.79	0.82	0.80	1.79	ppb
Vanadium	51-2	4.55	4.49	4.61	4.55	1.42	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	2.89	1.90	2.16	2.31	22.12	ppb
Zirconium	90-1	0.84	0.84	0.84	0.84	0.31	ppb
Zirconium	91-1	0.84	0.85	0.84	0.84	0.71	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	ICB24	Instrumnet Name :	P7
Client Sample ID :	ICB24	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 18:00:35	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.05	-0.13	-0.12	-0.10		ppb
Antimony	121-1	0.01	0.02	0.01	0.01	38.49	ppb
Arsenic	75-2	0.01	0.01	0.00	0.01	133.49	ppb
Barium	135-1	0.01	0.00	-0.01	0.00		ppb
Barium	137-1	0.00	0.01	-0.01	0.00	764.26	ppb
Beryllium	9-1	0.03	0.04	0.03	0.03	20.75	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.04	0.00	-0.05	0.00		ppb
Cadmium	106-1	0.59	1.01	0.41	0.67	46.43	ppb
Cadmium	111-1	0.06	0.08	0.04	0.06	29.32	ppb
Calcium	43-1	-3.12	-6.03	-1.68	-3.61		ppb
Calcium	44-1	-9.60	-9.68	-9.61	-9.63		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	-0.01	0.04	0.01	224.52	ppb
Cobalt	59-2	0.00	-0.01	0.01	0.00		ppb
Copper	63-2	-0.03	0.00	-0.05	-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				98		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	0.22	0.21	0.33	0.25	28.06	ppb
Iron	57-2	-0.94	0.56	-0.30	-0.23		ppb
Iron	54-2	-0.16	0.84	0.08	0.25	205.63	ppb
Krypton	83-1						cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	ICB24	Instrumnet Name :	P7
Client Sample ID :	ICB24	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 18:00:35	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.03	0.04	0.01	0.02	64.76	ppb
Lead	207-1	0.04	0.03	0.01	0.02	61.76	ppb
Lead	208-1	0.03	0.02	0.01	0.02	45.52	ppb
Lithium	6-1				102		%
Magnesium	24-2	0.20	0.37	0.80	0.46	67.62	ppb
Manganese	55-2	-0.01	0.01	0.03	0.01	141.51	ppb
Molybdenum	94-1	0.00	0.00	0.01	0.00	91.34	ppb
Molybdenum	95-1	0.01	0.01	0.00	0.00	65.83	ppb
Molybdenum	96-1	0.01	0.00	-0.01	0.00	411.92	ppb
Molybdenum	97-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	98-1	0.01	0.00	0.01	0.00	102.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.05	-0.01	0.02	130.92	ppb
Phosphorus	31-2	-9.41	-9.66	-13.40	-10.82		ppb
Potassium	39-2	4.38	5.97	5.61	5.32	15.73	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	-0.11	-0.10	0.02	-0.06		ppb
Selenium	77-2	-0.15	-0.15	0.08	-0.07		ppb
Selenium	78-2	-0.35	1.00	-0.20	0.15	491.99	ppb
Silicon	28-1	-0.09	-0.10	-0.11	-0.10		ppb
Silver	107-1	0.01	0.02	0.01	0.01	34.91	ppb
Silver	109-1	0.01	0.01	0.01	0.01	12.72	ppb
Sodium	23-2	13.84	14.00	13.92	13.92	0.58	ppb
Strontium	86-1	0.00	0.01	0.00	0.00	390.33	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-84.76	-72.56	-15.35	-57.56		ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	0.00	0.01	0.01	0.01	45.89	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	42.17	ppb
Tin	118-1	0.00	0.08	0.00	0.03	167.00	ppb
Titanium	47-1	0.02	0.01	0.00	0.01	73.69	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	ICB24	Instrumnet Name :	P7
Client Sample ID :	ICB24	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 18:00:35	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.00	0.00	0.00	37.23	ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	155.34	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	0.56	0.71	0.57	0.61	13.47	ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	30.87	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	ICSA24	Instrumnet Name :	P7
Client Sample ID :	ICSA24	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 18:03:54	DataFile Name :	021ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98150.24	97957.22	96685.33	97597.60	0.82	ppb
Antimony	121-1	1.26	1.34	1.34	1.31	3.42	ppb
Arsenic	75-2	0.30	0.47	0.43	0.40	23.03	ppb
Barium	135-1	1.33	1.39	1.39	1.37	2.34	ppb
Barium	137-1	1.39	1.32	1.41	1.37	3.41	ppb
Beryllium	9-1	0.30	0.31	0.32	0.31	3.33	ppb
Bismuth	209-1				92		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	12.11	11.56	11.05	11.58	4.59	ppb
Cadmium	106-1	-1.88	-3.41	-4.01	-3.10		ppb
Cadmium	111-1	0.33	0.29	0.24	0.29	16.42	ppb
Calcium	43-1	97278.64	97372.53	98219.08	97623.42	0.53	ppb
Calcium	44-1	97270.01	96849.57	96853.54	96991.04	0.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.33	20.23	20.13	20.23	0.49	ppb
Cobalt	59-2	1.28	1.33	1.30	1.30	1.90	ppb
Copper	63-2	7.64	7.41	7.56	7.53	1.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				99		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	56-2	102780.23	102588.88	103189.85	102852.99	0.30	ppb
Iron	57-2	102996.30	101935.49	101149.02	102026.93	0.91	ppb
Iron	54-2	103867.84	103170.57	104093.99	103710.80	0.46	ppb
Krypton	83-1						cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	ICSA24	Instrumnet Name :	P7
Client Sample ID :	ICSA24	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 18:03:54	DataFile Name :	021ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.49	4.33	4.41	4.41	1.74	ppb
Lead	207-1	3.98	4.01	3.91	3.97	1.23	ppb
Lead	208-1	4.19	4.14	4.15	4.16	0.62	ppb
Lithium	6-1				97		%
Magnesium	24-2	95001.29	95052.93	94193.08	94749.10	0.51	ppb
Manganese	55-2	8.33	8.30	8.23	8.29	0.64	ppb
Molybdenum	94-1	1603.71	1622.49	1612.40	1612.87	0.58	ppb
Molybdenum	95-1	1995.63	2016.46	2015.69	2009.26	0.59	ppb
Molybdenum	96-1	1953.30	1950.21	1948.32	1950.61	0.13	ppb
Molybdenum	97-1	1957.74	1981.75	1985.16	1974.88	0.76	ppb
Molybdenum	98-1	1966.56	1991.86	1987.15	1981.86	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.34	5.60	5.40	5.45	2.56	ppb
Phosphorus	31-2	97027.03	96572.62	95403.01	96334.22	0.87	ppb
Potassium	39-2	98654.58	98392.06	97119.58	98055.41	0.84	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	82-1	-0.02	-0.17	-0.11	-0.10		ppb
Selenium	77-2	0.08	0.08	0.08	0.08	0.71	ppb
Selenium	78-2	-1.05	-0.21	-0.41	-0.56		ppb
Silicon	28-1	1.30	1.25	1.29	1.28	1.96	ppb
Silver	107-1	0.05	0.05	0.04	0.05	10.47	ppb
Silver	109-1	0.06	0.04	0.05	0.05	10.63	ppb
Sodium	23-2	101076.64	100243.29	100016.69	100445.54	0.56	ppb
Strontium	86-1	34.78	34.74	34.59	34.70	0.28	ppb
Strontium	88-1	34.62	34.89	35.00	34.84	0.56	ppb
Sulfur	34-1	97690.62	96897.25	96815.74	97134.53	0.50	ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	0.04	0.05	0.06	0.05	20.09	ppb
Thallium	205-1	0.04	0.05	0.07	0.05	25.90	ppb
Tin	118-1	0.24	0.19	0.19	0.21	14.92	ppb
Titanium	47-1	2099.74	2101.72	2090.70	2097.39	0.28	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	ICSA24	Instrumnet Name :	P7
Client Sample ID :	ICSA24	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 18:03:54	DataFile Name :	021ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.02	0.02	19.17	ppb
Vanadium	51-2	0.21	0.20	0.22	0.21	5.85	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	10.71	10.14	9.70	10.18	4.96	ppb
Zirconium	90-1	0.01	0.02	0.02	0.01	44.17	ppb
Zirconium	91-1	0.02	0.02	0.03	0.03	15.04	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	ICSAB24	Instrumnet Name :	P7
Client Sample ID :	ICSAB24	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 18:06:55	DataFile Name :	022ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97960.78	96964.92	97640.11	97521.94	0.52	ppb
Antimony	121-1	19.24	21.41	21.34	20.67	5.96	ppb
Arsenic	75-2	21.19	22.02	20.17	21.12	4.38	ppb
Barium	135-1	19.38	21.44	21.33	20.72	5.60	ppb
Barium	137-1	19.39	21.10	21.22	20.57	4.97	ppb
Beryllium	9-1	19.81	21.80	21.51	21.04	5.10	ppb
Bismuth	209-1				96		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	25.32	27.93	27.27	26.84	5.06	ppb
Cadmium	106-1	10.42	11.45	12.66	11.51	9.71	ppb
Cadmium	111-1	17.83	19.83	20.14	19.27	6.49	ppb
Calcium	43-1	91081.93	98495.17	98635.48	96070.86	4.50	ppb
Calcium	44-1	89264.01	98754.56	99593.53	95870.70	5.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	41.07	41.10	41.00	41.06	0.13	ppb
Cobalt	59-2	21.66	21.79	21.82	21.76	0.41	ppb
Copper	63-2	27.29	27.52	27.81	27.54	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				105		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				93		%
Iron	56-2	102417.43	102909.08	102733.36	102686.62	0.24	ppb
Iron	57-2	102224.10	102073.54	102533.66	102277.10	0.23	ppb
Iron	54-2	102356.88	102747.37	102518.33	102540.86	0.19	ppb
Krypton	83-1						cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	ICSAB24	Instrumnet Name :	P7
Client Sample ID :	ICSAB24	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 18:06:55	DataFile Name :	022ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	21.96	24.34	23.74	23.35	5.30	ppb
Lead	207-1	20.85	23.03	23.02	22.30	5.63	ppb
Lead	208-1	21.30	23.45	23.26	22.67	5.23	ppb
Lithium	6-1				99		%
Magnesium	24-2	93687.43	94485.39	94399.95	94190.92	0.47	ppb
Manganese	55-2	28.74	28.99	28.98	28.90	0.50	ppb
Molybdenum	94-1	1483.51	1594.86	1607.71	1562.02	4.37	ppb
Molybdenum	95-1	1831.54	1966.23	1991.19	1929.65	4.45	ppb
Molybdenum	96-1	1780.95	1945.09	1955.65	1893.89	5.17	ppb
Molybdenum	97-1	1818.55	1968.21	1980.92	1922.56	4.70	ppb
Molybdenum	98-1	1801.45	1959.37	1972.12	1910.98	4.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.45	25.58	25.72	25.58	0.54	ppb
Phosphorus	31-2	98745.49	98019.95	97743.99	98169.81	0.53	ppb
Potassium	39-2	98912.55	98710.81	99571.03	99064.79	0.45	ppb
Rhodium	103-1				95		%
Rhodium	103-2				91		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	82-1	19.29	19.27	20.91	19.82	4.74	ppb
Selenium	77-2	22.56	21.71	20.29	21.52	5.31	ppb
Selenium	78-2	21.58	19.23	19.16	19.99	6.89	ppb
Silicon	28-1	1.01	1.38	1.40	1.26	17.23	ppb
Silver	107-1	17.69	19.57	19.64	18.97	5.82	ppb
Silver	109-1	17.65	19.43	19.39	18.82	5.41	ppb
Sodium	23-2	100496.82	100753.14	101044.86	100764.94	0.27	ppb
Strontium	86-1	32.27	34.82	35.05	34.05	4.53	ppb
Strontium	88-1	32.07	35.06	34.91	34.01	4.96	ppb
Sulfur	34-1	87253.41	97000.33	97555.64	93936.46	6.17	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	18.35	20.13	19.85	19.44	4.92	ppb
Thallium	205-1	18.14	19.94	19.82	19.30	5.23	ppb
Tin	118-1	0.14	0.13	0.14	0.14	5.57	ppb
Titanium	47-1	1948.49	2104.45	2158.87	2070.60	5.27	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	ICSAB24	Instrumnet Name :	P7
Client Sample ID :	ICSAB24	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 18:06:55	DataFile Name :	022ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.03	0.02	17.25	ppb
Vanadium	51-2	20.13	20.28	20.51	20.31	0.92	ppb
Yttrium	89-1				105		%
Yttrium	89-2				97		%
Zinc	66-2	27.88	29.36	28.64	28.63	2.58	ppb
Zirconium	90-1	0.01	0.01	0.02	0.02	33.28	ppb
Zirconium	91-1	0.03	0.03	0.03	0.03	4.28	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 18:11:56	DataFile Name :	023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51383.88	51644.64	51502.28	51510.27	0.25	ppb
Antimony	121-1	503.31	509.74	515.72	509.59	1.22	ppb
Arsenic	75-2	534.59	533.76	528.89	532.41	0.58	ppb
Barium	135-1	2577.28	2560.11	2640.84	2592.74	1.64	ppb
Barium	137-1	2560.40	2553.03	2599.59	2571.01	0.97	ppb
Beryllium	9-1	522.66	525.73	527.08	525.15	0.43	ppb
Bismuth	209-1				89		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	494.73	494.44	500.53	496.57	0.69	ppb
Cadmium	106-1	490.94	502.42	503.18	498.85	1.37	ppb
Cadmium	111-1	486.96	487.22	495.72	489.97	1.02	ppb
Calcium	43-1	250356.82	261210.72	259301.00	256956.18	2.26	ppb
Calcium	44-1	247537.70	255574.38	255439.15	252850.41	1.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	528.20	514.58	522.14	521.64	1.31	ppb
Cobalt	59-2	541.21	530.63	526.78	532.88	1.40	ppb
Copper	63-2	5251.46	5199.57	5182.39	5211.14	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				94		%
Indium	115-2				90		%
Iron	56-2	128697.66	129204.33	129167.96	129023.32	0.22	ppb
Iron	57-2	130031.76	129390.90	127798.82	129073.83	0.89	ppb
Iron	54-2	128200.82	128583.06	128947.10	128577.00	0.29	ppb
Krypton	83-1						cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 18:11:56	DataFile Name :	023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2613.98	2628.60	2688.15	2643.58	1.49	ppb
Lead	207-1	2633.69	2626.31	2693.88	2651.29	1.40	ppb
Lead	208-1	2605.67	2647.21	2678.99	2643.96	1.39	ppb
Lithium	6-1				93		%
Magnesium	24-2	257733.90	259908.58	257668.89	258437.12	0.49	ppb
Manganese	55-2	5079.69	5130.19	5122.87	5110.92	0.53	ppb
Molybdenum	94-1	5177.10	5234.94	5272.26	5228.10	0.92	ppb
Molybdenum	95-1	5214.76	5249.96	5307.07	5257.27	0.89	ppb
Molybdenum	96-1	5266.56	5295.84	5334.44	5298.95	0.64	ppb
Molybdenum	97-1	5184.15	5324.70	5225.31	5244.72	1.38	ppb
Molybdenum	98-1	5163.81	5261.69	5191.66	5205.72	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	516.21	507.87	508.59	510.89	0.90	ppb
Phosphorus	31-2	10168.46	10184.50	10131.37	10161.44	0.27	ppb
Potassium	39-2	125334.22	126894.46	127552.48	126593.72	0.90	ppb
Rhodium	103-1				88		%
Rhodium	103-2				86		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	82-1	508.64	519.12	523.04	516.94	1.44	ppb
Selenium	77-2	524.63	527.69	514.59	522.30	1.31	ppb
Selenium	78-2	528.93	519.05	515.94	521.31	1.30	ppb
Silicon	28-1	606.07	626.56	627.52	620.05	1.95	ppb
Silver	107-1	523.04	517.17	527.44	522.55	0.99	ppb
Silver	109-1	515.04	522.68	526.22	521.31	1.10	ppb
Sodium	23-2	253203.11	253061.11	258511.44	254925.22	1.22	ppb
Strontium	86-1	12928.63	12991.04	13129.04	13016.23	0.79	ppb
Strontium	88-1	12998.25	13179.39	12999.58	13059.08	0.80	ppb
Sulfur	34-1	9163.81	9459.03	9448.01	9356.95	1.79	ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	531.85	530.32	542.27	534.81	1.22	ppb
Thallium	205-1	527.22	528.73	531.41	529.12	0.40	ppb
Tin	118-1	503.68	519.91	521.03	514.87	1.89	ppb
Titanium	47-1	5101.86	5272.25	5241.19	5205.10	1.74	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 18:11:56	DataFile Name :	023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	534.79	539.12	552.84	542.25	1.74	ppb
Vanadium	51-2	523.75	523.18	522.10	523.01	0.16	ppb
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	5213.83	5109.76	5141.65	5155.08	1.03	ppb
Zirconium	90-1	516.04	527.39	528.18	523.87	1.30	ppb
Zirconium	91-1	521.60	535.02	536.95	531.19	1.57	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P7
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 18:21:20	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.30	-0.41	-0.35	-0.35		ppb
Antimony	121-1	0.05	0.06	0.07	0.06	14.25	ppb
Arsenic	75-2	-0.01	0.00	0.01	0.00	2627.42	ppb
Barium	135-1	0.03	0.01	0.00	0.01	161.22	ppb
Barium	137-1	0.01	0.00	0.00	0.00	58.67	ppb
Beryllium	9-1	0.05	0.05	0.06	0.06	9.17	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.04	-0.01	-0.02	0.00	1163.83	ppb
Cadmium	106-1	-3.51	-4.63	-3.73	-3.96		ppb
Cadmium	111-1	-0.26	-0.35	-0.28	-0.30		ppb
Calcium	43-1	0.06	0.16	1.64	0.62	142.93	ppb
Calcium	44-1	-7.10	-4.32	-5.61	-5.68		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.04	0.05	0.03	69.03	ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	34.74	ppb
Copper	63-2	0.06	0.09	0.07	0.07	24.10	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				99		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	1.60	1.50	1.43	1.51	5.44	ppb
Iron	57-2	-0.16	1.50	-0.74	0.20	586.82	ppb
Iron	54-2	1.16	1.33	0.62	1.04	35.44	ppb
Krypton	83-1						cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P7
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 18:21:20	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.06	0.06	0.05	0.06	14.55	ppb
Lead	207-1	0.05	0.05	0.06	0.05	11.58	ppb
Lead	208-1	0.05	0.06	0.05	0.05	5.98	ppb
Lithium	6-1				100		%
Magnesium	24-2	1.44	1.14	1.34	1.31	11.79	ppb
Manganese	55-2	0.06	0.08	0.08	0.07	12.53	ppb
Molybdenum	94-1	0.07	0.04	0.05	0.05	25.43	ppb
Molybdenum	95-1	0.07	0.05	0.06	0.06	10.61	ppb
Molybdenum	96-1	0.06	0.05	0.04	0.05	16.70	ppb
Molybdenum	97-1	0.04	0.04	0.07	0.05	27.15	ppb
Molybdenum	98-1	0.06	0.05	0.06	0.06	5.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	-0.01	0.00	290.67	ppb
Phosphorus	31-2	-10.72	-13.33	-3.56	-9.20		ppb
Potassium	39-2	8.10	9.15	9.47	8.91	8.02	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	0.01	-0.20	0.22	0.01	1786.31	ppb
Selenium	77-2	-0.15	0.31	-0.15	0.00	13542.34	ppb
Selenium	78-2	0.41	0.17	-0.30	0.10	377.31	ppb
Silicon	28-1	-0.18	-0.12	-0.13	-0.14		ppb
Silver	107-1	0.01	0.01	0.01	0.01	3.73	ppb
Silver	109-1	0.02	0.01	0.01	0.01	37.60	ppb
Sodium	23-2	34.90	34.86	32.69	34.15	3.71	ppb
Strontium	86-1	0.05	0.03	0.04	0.04	25.16	ppb
Strontium	88-1	0.06	0.04	0.05	0.05	16.54	ppb
Sulfur	34-1	-397.39	-213.00	-292.84	-301.08		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.02	0.02	0.02	35.43	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	12.57	ppb
Tin	118-1	0.01	0.01	0.00	0.01	63.27	ppb
Titanium	47-1	0.06	0.13	0.05	0.08	54.49	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P7
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 18:21:20	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	30.89	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	136.63	ppb
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	0.88	0.82	0.28	0.66	49.98	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	34.48	ppb
Zirconium	91-1	0.02	0.02	0.01	0.02	23.01	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 18:26:43	DataFile Name :	025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.07	20.46	20.23	20.25	0.98	ppb
Antimony	121-1	1.85	1.85	1.87	1.85	0.64	ppb
Arsenic	75-2	1.10	1.01	0.95	1.02	7.52	ppb
Barium	135-1	8.91	9.05	8.96	8.97	0.79	ppb
Barium	137-1	8.83	8.89	8.88	8.87	0.33	ppb
Beryllium	9-1	1.10	1.01	1.14	1.08	6.24	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.88	1.05	0.94	0.96	8.72	ppb
Cadmium	106-1	-1.37	-0.54	-1.94	-1.29		ppb
Cadmium	111-1	0.83	0.86	0.84	0.85	1.42	ppb
Calcium	43-1	451.83	453.08	453.12	452.68	0.16	ppb
Calcium	44-1	442.47	461.02	458.72	454.07	2.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.01	2.05	2.06	2.04	1.34	ppb
Cobalt	59-2	0.95	0.96	0.97	0.96	1.08	ppb
Copper	63-2	2.07	2.02	1.99	2.03	1.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	52.13	52.45	51.74	52.11	0.68	ppb
Iron	57-2	54.29	55.44	55.25	54.99	1.12	ppb
Iron	54-2	56.13	52.48	53.03	53.88	3.65	ppb
Krypton	83-1						cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 18:26:43	DataFile Name :	025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.83	0.85	0.88	0.85	3.17	ppb
Lead	207-1	0.81	0.87	0.87	0.85	4.34	ppb
Lead	208-1	0.83	0.86	0.86	0.85	2.11	ppb
Lithium	6-1				102		%
Magnesium	24-2	474.13	475.71	467.26	472.37	0.95	ppb
Manganese	55-2	1.07	1.09	1.19	1.12	5.85	ppb
Molybdenum	94-1	5.33	5.38	5.37	5.36	0.45	ppb
Molybdenum	95-1	4.55	4.60	4.69	4.61	1.52	ppb
Molybdenum	96-1	4.70	4.65	4.66	4.67	0.56	ppb
Molybdenum	97-1	4.70	4.68	4.75	4.71	0.75	ppb
Molybdenum	98-1	4.52	4.71	4.75	4.66	2.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	1.01	1.02	1.03	3.31	ppb
Phosphorus	31-2	6.88	11.16	1.79	6.61	70.94	ppb
Potassium	39-2	491.43	493.05	490.26	491.58	0.28	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	4.74	4.16	4.73	4.54	7.37	ppb
Selenium	77-2	2.79	6.50	3.50	4.26	46.14	ppb
Selenium	78-2	4.73	4.30	4.94	4.65	7.02	ppb
Silicon	28-1	0.35	0.44	0.42	0.40	12.22	ppb
Silver	107-1	0.94	0.99	0.99	0.97	3.36	ppb
Silver	109-1	1.00	0.95	1.03	0.99	4.52	ppb
Sodium	23-2	493.75	500.97	496.02	496.91	0.74	ppb
Strontium	86-1	0.88	0.94	0.86	0.89	4.87	ppb
Strontium	88-1	0.91	0.92	0.94	0.92	1.63	ppb
Sulfur	34-1	-430.74	-200.10	-245.11	-291.98		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.83	0.84	0.85	0.84	1.01	ppb
Thallium	205-1	0.81	0.84	0.82	0.82	2.40	ppb
Tin	118-1	4.51	4.72	4.74	4.66	2.69	ppb
Titanium	47-1	4.68	4.88	4.67	4.74	2.45	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 18:26:43	DataFile Name :	025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.75	0.81	0.79	0.78	3.96	ppb
Vanadium	51-2	4.60	4.67	4.48	4.58	2.14	ppb
Yttrium	89-1				105		%
Yttrium	89-2				100		%
Zinc	66-2	2.81	2.74	2.03	2.52	17.17	ppb
Zirconium	90-1	0.81	0.83	0.83	0.82	1.44	ppb
Zirconium	91-1	0.78	0.82	0.85	0.82	4.29	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	PB155330BL	Instrumnet Name :	P7
Client Sample ID :	PB155330BL	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 18:32:07	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.60	-0.66	0.29	-0.32		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	2.18	ppb
Arsenic	75-2	0.00	-0.01	0.01	0.00		ppb
Barium	135-1	0.00	-0.01	-0.01	-0.01		ppb
Barium	137-1	0.00	0.00	-0.01	0.00		ppb
Beryllium	9-1	0.03	0.03	0.04	0.03	21.44	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.05	-0.03	-0.05	-0.04		ppb
Cadmium	106-1	-2.22	-1.06	-4.11	-2.46		ppb
Cadmium	111-1	-0.17	-0.08	-0.30	-0.18		ppb
Calcium	43-1	3.88	-3.40	-1.65	-0.39		ppb
Calcium	44-1	-13.13	-10.53	-11.56	-11.74		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.10	0.10	0.08	0.09	15.14	ppb
Cobalt	59-2	0.00	0.00	0.01	0.01	38.85	ppb
Copper	63-2	-0.02	0.00	0.00	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	0.77	0.87	1.48	1.04	37.01	ppb
Iron	57-2	0.20	0.49	3.03	1.24	125.29	ppb
Iron	54-2	1.03	0.79	1.95	1.26	48.63	ppb
Krypton	83-1						cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	PB155330BL	Instrumnet Name :	P7
Client Sample ID :	PB155330BL	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 18:32:07	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.03	0.02	0.04	0.03	32.43	ppb
Lead	207-1	0.03	0.03	0.02	0.03	28.21	ppb
Lead	208-1	0.03	0.03	0.03	0.03	9.88	ppb
Lithium	6-1				102		%
Magnesium	24-2	0.37	0.35	2.15	0.96	108.45	ppb
Manganese	55-2	0.03	0.01	0.05	0.03	69.19	ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	95-1	0.02	0.00	0.01	0.01	64.70	ppb
Molybdenum	96-1	0.02	0.01	0.02	0.02	31.58	ppb
Molybdenum	97-1	0.00	0.01	0.00	0.00	123.59	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	18.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.05	0.02	0.02	107.90	ppb
Phosphorus	31-2	-12.26	-10.86	-1.79	-8.30		ppb
Potassium	39-2	10.30	9.41	11.07	10.26	8.10	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	-0.13	-0.15	0.01	-0.09		ppb
Selenium	77-2	-0.15	-0.15	-0.15	-0.15		ppb
Selenium	78-2	-0.24	-0.79	0.68	-0.11		ppb
Silicon	28-1	-0.13	-0.09	-0.12	-0.11		ppb
Silver	107-1	0.01	0.01	0.01	0.01	25.94	ppb
Silver	109-1	0.01	0.01	0.01	0.01	11.01	ppb
Sodium	23-2	19.11	19.51	21.26	19.96	5.74	ppb
Strontium	86-1	0.00	0.01	0.00	0.00	315.92	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	92.40	ppb
Sulfur	34-1	-194.00	-106.78	-177.33	-159.37		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.00	0.01	0.01	58.10	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	27.35	ppb
Tin	118-1	0.03	0.02	0.00	0.02	110.26	ppb
Titanium	47-1	0.06	-0.01	0.01	0.02	194.02	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	PB155330BL	Instrumnet Name :	P7
Client Sample ID :	PB155330BL	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 18:32:07	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	192.24	ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	35.13	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	0.33	0.42	0.06	0.27	70.20	ppb
Zirconium	90-1	-0.01	0.00	0.00	-0.01		ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	11.81	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	PB155330BS	Instrumnet Name :	P7
Client Sample ID :	PB155330BS	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 18:35:23	DataFile Name :	027LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10549.65	10749.56	10482.09	10593.77	1.31	ppb
Antimony	121-1	526.92	537.33	531.47	531.91	0.98	ppb
Arsenic	75-2	521.43	528.96	519.49	523.29	0.96	ppb
Barium	135-1	2608.71	2629.08	2621.28	2619.69	0.39	ppb
Barium	137-1	2572.67	2626.57	2601.32	2600.19	1.04	ppb
Beryllium	9-1	516.51	531.81	515.76	521.36	1.74	ppb
Bismuth	209-1				93		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	528.98	537.99	527.82	531.60	1.05	ppb
Cadmium	106-1	528.18	537.04	524.09	529.77	1.25	ppb
Cadmium	111-1	524.20	532.14	526.89	527.75	0.77	ppb
Calcium	43-1	57345.77	58830.82	57569.29	57915.30	1.38	ppb
Calcium	44-1	53873.85	55322.99	55145.45	54780.76	1.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	524.70	527.13	520.21	524.01	0.67	ppb
Cobalt	59-2	525.69	524.86	536.84	529.13	1.26	ppb
Copper	63-2	5322.24	5285.95	5251.39	5286.53	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	56-2	26529.99	26777.55	26631.70	26646.41	0.47	ppb
Iron	57-2	26433.04	27053.09	26858.71	26781.62	1.18	ppb
Iron	54-2	26863.62	27033.96	26462.69	26786.76	1.09	ppb
Krypton	83-1						cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	PB155330BS	Instrumnet Name :	P7
Client Sample ID :	PB155330BS	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 18:35:23	DataFile Name :	027LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2603.90	2636.88	2591.61	2610.79	0.90	ppb
Lead	207-1	2611.41	2618.77	2608.60	2612.92	0.20	ppb
Lead	208-1	2594.31	2618.58	2592.19	2601.69	0.56	ppb
Lithium	6-1				98		%
Magnesium	24-2	52843.33	51877.30	52013.08	52244.57	1.00	ppb
Manganese	55-2	5223.13	5221.61	5125.08	5189.94	1.08	ppb
Molybdenum	94-1	5135.86	5211.06	5264.86	5203.92	1.25	ppb
Molybdenum	95-1	5106.32	5209.00	5286.62	5200.65	1.74	ppb
Molybdenum	96-1	5181.71	5188.88	5241.85	5204.15	0.63	ppb
Molybdenum	97-1	5179.32	5186.55	5214.60	5193.49	0.36	ppb
Molybdenum	98-1	5151.43	5141.29	5158.57	5150.43	0.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	519.91	516.44	518.28	518.21	0.33	ppb
Phosphorus	31-2	10400.82	10567.81	10426.49	10465.04	0.86	ppb
Potassium	39-2	25833.00	25527.68	25548.82	25636.50	0.67	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	82-1	524.47	525.42	530.00	526.63	0.56	ppb
Selenium	77-2	536.18	537.76	520.72	531.55	1.77	ppb
Selenium	78-2	521.92	531.60	519.95	524.49	1.19	ppb
Silicon	28-1	612.78	621.21	618.33	617.44	0.69	ppb
Silver	107-1	534.48	543.09	526.27	534.61	1.57	ppb
Silver	109-1	535.40	545.58	526.08	535.68	1.82	ppb
Sodium	23-2	53675.94	52588.98	52533.13	52932.68	1.22	ppb
Strontium	86-1	12934.24	13181.89	12958.37	13024.84	1.05	ppb
Strontium	88-1	13085.79	13191.99	12965.51	13081.10	0.87	ppb
Sulfur	34-1	9600.40	9920.51	9801.78	9774.23	1.66	ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	525.88	527.99	518.81	524.23	0.92	ppb
Thallium	205-1	516.17	519.45	516.43	517.35	0.35	ppb
Tin	118-1	528.74	540.24	527.59	532.19	1.31	ppb
Titanium	47-1	5092.99	5193.30	5221.70	5169.33	1.31	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	PB155330BS	Instrumnet Name :	P7
Client Sample ID :	PB155330BS	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 18:35:23	DataFile Name :	027LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	509.58	518.13	509.49	512.40	0.97	ppb
Vanadium	51-2	522.11	519.23	513.16	518.17	0.88	ppb
Yttrium	89-1				100		%
Yttrium	89-2				95		%
Zinc	66-2	5357.72	5301.95	5225.95	5295.20	1.25	ppb
Zirconium	90-1	510.24	520.91	520.12	517.09	1.15	ppb
Zirconium	91-1	513.41	529.15	526.71	523.09	1.62	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	O4212-02DLX5	Instrumnet Name :	P7
Client Sample ID :	TOPSOIL-OU3-DENALI-	Dilution Factor :	5
Date & Time Acquired :	2023-09-05 18:38:03	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8894.07	8934.24	8979.03	8935.78	0.48	ppb
Antimony	121-1	0.35	0.36	0.38	0.36	4.80	ppb
Arsenic	75-2	4.65	4.41	4.82	4.63	4.54	ppb
Barium	135-1	46.73	51.87	52.74	50.45	6.43	ppb
Barium	137-1	47.09	51.83	52.64	50.52	5.93	ppb
Beryllium	9-1	1.11	1.17	1.30	1.19	8.17	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.44	1.52	1.62	1.53	5.71	ppb
Cadmium	106-1	-1.02	-4.24	-1.61	-2.29		ppb
Cadmium	111-1	1.35	1.21	1.41	1.32	7.75	ppb
Calcium	43-1	50302.87	56122.65	56249.82	54225.11	6.27	ppb
Calcium	44-1	51037.98	55122.58	55655.24	53938.60	4.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.15	3.11	3.19	3.15	1.18	ppb
Cobalt	59-2	8.90	8.65	8.63	8.73	1.70	ppb
Copper	63-2	14.41	14.21	14.76	14.46	1.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				103		%
Indium	115-2				96		%
Iron	56-2	3299.38	3236.69	3313.05	3283.04	1.24	ppb
Iron	57-2	3728.90	3678.94	3802.30	3736.71	1.66	ppb
Iron	54-2	3461.89	3431.63	3432.44	3441.98	0.50	ppb
Krypton	83-1						cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	O4212-02DLX5	Instrumnet Name :	P7
Client Sample ID :	TOPSOIL-OU3-DENALI-	Dilution Factor :	5
Date & Time Acquired :	2023-09-05 18:38:03	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	13.39	14.77	14.30	14.16	4.95	ppb
Lead	207-1	12.82	14.07	13.63	13.51	4.67	ppb
Lead	208-1	13.10	14.30	14.01	13.80	4.55	ppb
Lithium	6-1				100		%
Magnesium	24-2	7919.20	7853.72	7804.47	7859.13	0.73	ppb
Manganese	55-2	2721.14	2684.55	2740.09	2715.26	1.04	ppb
Molybdenum	94-1	1.69	1.40	1.20	1.43	17.17	ppb
Molybdenum	95-1	1.08	0.76	0.53	0.79	35.42	ppb
Molybdenum	96-1	1.18	0.79	0.60	0.86	34.98	ppb
Molybdenum	97-1	0.99	0.67	0.45	0.70	39.03	ppb
Molybdenum	98-1	1.03	0.67	0.48	0.73	38.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.05	8.09	8.13	8.09	0.45	ppb
Phosphorus	31-2	2038.06	2123.73	2152.21	2104.67	2.82	ppb
Potassium	39-2	15883.19	15732.56	15959.98	15858.58	0.73	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				95		%
Selenium	82-1	-0.14	0.47	0.40	0.24	135.62	ppb
Selenium	77-2	2.62	2.85	1.01	2.16	46.40	ppb
Selenium	78-2	-0.09	-0.23	-0.14	-0.15		ppb
Silicon	28-1	138.31	153.60	153.51	148.47	5.93	ppb
Silver	107-1	0.15	0.10	0.06	0.10	45.54	ppb
Silver	109-1	0.13	0.09	0.06	0.10	40.82	ppb
Sodium	23-2	2716.41	2641.57	2653.66	2670.55	1.50	ppb
Strontium	86-1	186.86	203.86	205.12	198.62	5.14	ppb
Strontium	88-1	186.84	205.65	205.22	199.24	5.39	ppb
Sulfur	34-1	79227.68	86065.50	87482.78	84258.66	5.24	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.17	0.14	0.11	0.14	22.18	ppb
Thallium	205-1	0.15	0.13	0.10	0.13	17.50	ppb
Tin	118-1	0.20	0.18	0.17	0.18	6.74	ppb
Titanium	47-1	9.29	10.00	9.85	9.71	3.85	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	O4212-02DLX5	Instrumnet Name :	P7
Client Sample ID :	TOPSOIL-OU3-DENALI-	Dilution Factor :	5
Date & Time Acquired :	2023-09-05 18:38:03	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.20	0.20	0.18	0.19	7.43	ppb
Vanadium	51-2	16.66	17.05	17.07	16.93	1.36	ppb
Yttrium	89-1				105		%
Yttrium	89-2				98		%
Zinc	66-2	466.33	457.09	463.34	462.26	1.02	ppb
Zirconium	90-1	0.46	0.46	0.47	0.46	1.41	ppb
Zirconium	91-1	0.50	0.45	0.44	0.46	6.75	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	O4212-04DLX5	Instrumnet Name :	P7
Client Sample ID :	TOPSOIL-OU3-DENALI-	Dilution Factor :	5
Date & Time Acquired :	2023-09-05 18:41:09	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8436.07	8281.35	8517.03	8411.48	1.42	ppb
Antimony	121-1	0.13	0.14	0.15	0.14	6.56	ppb
Arsenic	75-2	4.03	4.18	4.42	4.21	4.69	ppb
Barium	135-1	47.70	48.79	47.92	48.14	1.21	ppb
Barium	137-1	48.15	48.56	48.36	48.36	0.42	ppb
Beryllium	9-1	1.04	0.99	1.03	1.02	2.58	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.31	1.14	1.25	1.23	6.81	ppb
Cadmium	106-1	-0.35	-0.87	-0.98	-0.73		ppb
Cadmium	111-1	1.26	1.24	1.24	1.25	0.97	ppb
Calcium	43-1	46478.52	47392.55	47008.87	46959.98	0.98	ppb
Calcium	44-1	46509.61	47639.01	47027.20	47058.61	1.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.09	3.05	3.01	3.05	1.27	ppb
Cobalt	59-2	7.70	7.69	7.80	7.73	0.77	ppb
Copper	63-2	16.41	16.36	16.48	16.42	0.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	3465.65	3364.77	3521.85	3450.76	2.31	ppb
Iron	57-2	3910.29	3777.72	3881.43	3856.48	1.81	ppb
Iron	54-2	3630.61	3619.72	3656.35	3635.56	0.52	ppb
Krypton	83-1						cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	O4212-04DLX5	Instrumnet Name :	P7
Client Sample ID :	TOPSOIL-OU3-DENALI-4	Dilution Factor :	5
Date & Time Acquired :	2023-09-05 18:41:09	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	15.04	14.91	14.84	14.93	0.67	ppb
Lead	207-1	14.32	13.97	13.98	14.09	1.43	ppb
Lead	208-1	14.68	14.37	14.42	14.49	1.14	ppb
Lithium	6-1				99		%
Magnesium	24-2	6045.65	6050.78	6150.72	6082.39	0.97	ppb
Manganese	55-2	2239.41	2224.27	2285.58	2249.75	1.42	ppb
Molybdenum	94-1	0.84	0.85	0.82	0.84	2.30	ppb
Molybdenum	95-1	0.16	0.19	0.14	0.17	14.41	ppb
Molybdenum	96-1	0.19	0.21	0.21	0.20	4.67	ppb
Molybdenum	97-1	0.09	0.07	0.08	0.08	9.28	ppb
Molybdenum	98-1	0.09	0.10	0.09	0.09	2.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.41	7.38	7.45	7.42	0.49	ppb
Phosphorus	31-2	1824.80	1763.06	1761.85	1783.24	2.02	ppb
Potassium	39-2	12541.79	12185.97	12221.00	12316.25	1.59	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	82-1	0.02	0.05	0.11	0.06	72.57	ppb
Selenium	77-2	2.16	1.71	3.51	2.46	37.98	ppb
Selenium	78-2	0.12	0.57	1.16	0.62	84.22	ppb
Silicon	28-1	140.88	143.70	143.12	142.57	1.04	ppb
Silver	107-1	0.02	0.02	0.01	0.02	39.21	ppb
Silver	109-1	0.01	0.01	0.01	0.01	6.71	ppb
Sodium	23-2	2137.81	2104.23	2160.49	2134.17	1.33	ppb
Strontium	86-1	171.03	174.55	170.94	172.17	1.20	ppb
Strontium	88-1	174.05	175.57	174.02	174.54	0.51	ppb
Sulfur	34-1	85585.74	87748.39	87590.05	86974.73	1.39	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.07	0.07	0.07	0.07	5.98	ppb
Thallium	205-1	0.08	0.07	0.07	0.07	6.37	ppb
Tin	118-1	0.05	0.05	0.06	0.05	3.85	ppb
Titanium	47-1	12.70	13.06	12.74	12.83	1.54	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	O4212-04DLX5	Instrumnet Name :	P7
Client Sample ID :	TOPSOIL-OU3-DENALI-	Dilution Factor :	5
Date & Time Acquired :	2023-09-05 18:41:09	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.19	0.20	0.18	0.19	3.46	ppb
Vanadium	51-2	17.77	17.58	18.02	17.79	1.26	ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	393.77	389.42	392.45	391.88	0.57	ppb
Zirconium	90-1	0.39	0.38	0.37	0.38	3.02	ppb
Zirconium	91-1	0.41	0.41	0.34	0.39	10.18	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	O4212-04DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	TOPSOIL-OU3-DENALI-	Dilution Factor :	5
Date & Time Acquired :	2023-09-05 18:44:17	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8547.07	8533.52	8458.48	8513.02	0.56	ppb
Antimony	121-1	0.08	0.09	0.11	0.10	17.21	ppb
Arsenic	75-2	4.04	4.09	3.94	4.02	1.92	ppb
Barium	135-1	48.24	48.93	48.98	48.71	0.85	ppb
Barium	137-1	48.64	49.01	48.59	48.75	0.48	ppb
Beryllium	9-1	1.00	0.99	0.99	0.99	0.89	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.47	1.72	1.28	1.49	14.57	ppb
Cadmium	106-1	-1.79	-2.60	-0.66	-1.68		ppb
Cadmium	111-1	1.17	1.08	1.28	1.18	8.75	ppb
Calcium	43-1	47798.63	48328.15	47981.17	48035.98	0.56	ppb
Calcium	44-1	47574.66	47053.36	47950.56	47526.20	0.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.13	3.17	3.10	3.14	1.07	ppb
Cobalt	59-2	7.87	7.77	7.74	7.79	0.88	ppb
Copper	63-2	16.64	17.02	16.21	16.62	2.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	3461.53	3489.81	3404.67	3452.00	1.26	ppb
Iron	57-2	3892.62	3975.66	3881.04	3916.44	1.32	ppb
Iron	54-2	3669.25	3729.54	3657.94	3685.58	1.04	ppb
Krypton	83-1						cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	O4212-04DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	TOPSOIL-OU3-DENALI-4	Dilution Factor :	5
Date & Time Acquired :	2023-09-05 18:44:17	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	14.86	15.20	15.18	15.08	1.25	ppb
Lead	207-1	14.43	14.55	14.51	14.49	0.43	ppb
Lead	208-1	14.57	14.86	14.73	14.72	0.98	ppb
Lithium	6-1				99		%
Magnesium	24-2	6156.89	6107.89	6144.64	6136.48	0.42	ppb
Manganese	55-2	2244.02	2316.97	2229.92	2263.64	2.06	ppb
Molybdenum	94-1	0.81	0.79	0.80	0.80	1.02	ppb
Molybdenum	95-1	0.13	0.13	0.14	0.13	6.11	ppb
Molybdenum	96-1	0.18	0.17	0.15	0.17	10.85	ppb
Molybdenum	97-1	0.06	0.07	0.06	0.06	8.09	ppb
Molybdenum	98-1	0.05	0.05	0.07	0.06	15.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.29	7.42	7.04	7.25	2.63	ppb
Phosphorus	31-2	1816.65	1841.29	1801.07	1819.67	1.11	ppb
Potassium	39-2	12471.65	12309.67	12457.49	12412.94	0.72	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	82-1	0.22	0.09	0.00	0.10	110.63	ppb
Selenium	77-2	2.12	1.69	3.96	2.59	46.53	ppb
Selenium	78-2	-0.22	-0.12	-0.89	-0.41		ppb
Silicon	28-1	144.73	143.13	145.57	144.48	0.86	ppb
Silver	107-1	0.01	0.01	0.01	0.01	26.26	ppb
Silver	109-1	0.01	0.01	0.01	0.01	17.26	ppb
Sodium	23-2	2144.20	2186.35	2111.41	2147.32	1.75	ppb
Strontium	86-1	170.28	173.63	172.64	172.19	1.00	ppb
Strontium	88-1	172.74	176.60	173.19	174.17	1.21	ppb
Sulfur	34-1	88494.37	88074.45	89732.06	88766.96	0.97	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.07	0.07	0.07	0.07	3.26	ppb
Thallium	205-1	0.07	0.07	0.06	0.07	5.34	ppb
Tin	118-1	0.03	0.05	0.06	0.04	31.72	ppb
Titanium	47-1	13.37	13.10	13.13	13.20	1.12	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	O4212-04DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	TOPSOIL-OU3-DENALI-	Dilution Factor :	5
Date & Time Acquired :	2023-09-05 18:44:17	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.19	0.19	0.19	0.19	0.86	ppb
Vanadium	51-2	18.10	17.99	17.79	17.96	0.88	ppb
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	403.77	392.85	397.99	398.20	1.37	ppb
Zirconium	90-1	0.38	0.38	0.39	0.38	2.00	ppb
Zirconium	91-1	0.36	0.40	0.36	0.37	6.21	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	O4212-04LDLX25	Instrumnet Name :	P7
Client Sample ID :	TOPSOIL-OU3-DENALI-	Dilution Factor :	25
Date & Time Acquired :	2023-09-05 18:47:23	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1718.51	1720.91	1725.84	1721.75	0.22	ppb
Antimony	121-1	0.03	0.03	0.04	0.03	25.70	ppb
Arsenic	75-2	0.86	0.95	0.83	0.88	6.94	ppb
Barium	135-1	9.20	9.43	9.58	9.40	2.07	ppb
Barium	137-1	9.11	9.48	9.88	9.49	4.05	ppb
Beryllium	9-1	0.22	0.24	0.18	0.22	14.23	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.21	0.20	0.04	0.15	62.83	ppb
Cadmium	106-1	-2.35	-2.81	-1.64	-2.27		ppb
Cadmium	111-1	0.07	0.03	0.18	0.09	82.43	ppb
Calcium	43-1	9367.20	9831.92	9639.26	9612.79	2.43	ppb
Calcium	44-1	9028.40	9330.58	9220.47	9193.15	1.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.61	0.63	0.56	0.60	6.16	ppb
Cobalt	59-2	1.56	1.50	1.46	1.51	3.18	ppb
Copper	63-2	3.29	3.25	3.25	3.26	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	56-2	698.45	677.65	696.50	690.87	1.66	ppb
Iron	57-2	779.21	754.97	761.29	765.16	1.64	ppb
Iron	54-2	724.31	716.13	714.35	718.26	0.74	ppb
Krypton	83-1						cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	O4212-04LDLX25	Instrumnet Name :	P7
Client Sample ID :	TOPSOIL-OU3-DENALI-	Dilution Factor :	25
Date & Time Acquired :	2023-09-05 18:47:23	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.86	2.96	2.94	2.92	1.78	ppb
Lead	207-1	2.76	2.84	2.79	2.80	1.45	ppb
Lead	208-1	2.82	2.89	2.84	2.85	1.30	ppb
Lithium	6-1				102		%
Magnesium	24-2	1256.91	1238.33	1248.74	1247.99	0.75	ppb
Manganese	55-2	449.10	449.75	451.71	450.19	0.30	ppb
Molybdenum	94-1	0.18	0.15	0.13	0.15	14.62	ppb
Molybdenum	95-1	0.03	0.03	0.03	0.03	9.42	ppb
Molybdenum	96-1	0.05	0.04	0.04	0.04	12.81	ppb
Molybdenum	97-1	0.01	0.02	0.01	0.01	39.44	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	16.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.47	1.43	1.35	1.42	4.23	ppb
Phosphorus	31-2	363.17	355.88	358.96	359.34	1.02	ppb
Potassium	39-2	2505.83	2479.50	2528.11	2504.48	0.97	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	-0.03	-0.32	-0.11	-0.16		ppb
Selenium	77-2	-0.15	0.30	0.32	0.16	170.81	ppb
Selenium	78-2	-1.25	-0.08	0.17	-0.39		ppb
Silicon	28-1	27.66	28.70	28.65	28.34	2.06	ppb
Silver	107-1	0.02	0.01	0.01	0.01	22.50	ppb
Silver	109-1	0.01	0.02	0.02	0.02	20.05	ppb
Sodium	23-2	459.15	449.02	458.21	455.46	1.23	ppb
Strontium	86-1	33.68	34.31	34.17	34.05	0.96	ppb
Strontium	88-1	33.56	34.50	34.16	34.08	1.40	ppb
Sulfur	34-1	17955.90	18405.64	18986.45	18449.33	2.80	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.03	0.02	0.02	0.02	28.29	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	7.25	ppb
Tin	118-1	0.03	0.01	0.03	0.03	49.34	ppb
Titanium	47-1	2.79	2.70	2.69	2.73	1.90	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	O4212-04LDLX25	Instrumnet Name :	P7
Client Sample ID :	TOPSOIL-OU3-DENALI-	Dilution Factor :	25
Date & Time Acquired :	2023-09-05 18:47:23	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.04	0.03	0.04	4.96	ppb
Vanadium	51-2	3.47	3.44	3.61	3.51	2.63	ppb
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	78.70	77.79	79.74	78.74	1.24	ppb
Zirconium	90-1	0.07	0.07	0.07	0.07	2.19	ppb
Zirconium	91-1	0.07	0.06	0.09	0.08	17.33	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	O4212-04MSDLX5	Instrumnet Name :	P7
Client Sample ID :	TOPSOIL-OU3-DENALI-	Dilution Factor :	5
Date & Time Acquired :	2023-09-05 18:50:38	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10321.77	10211.73	10234.64	10256.05	0.57	ppb
Antimony	121-1	103.00	102.84	103.16	103.00	0.16	ppb
Arsenic	75-2	109.28	109.24	111.03	109.85	0.93	ppb
Barium	135-1	554.68	554.31	555.44	554.81	0.10	ppb
Barium	137-1	547.01	553.39	546.57	548.99	0.69	ppb
Beryllium	9-1	106.72	107.73	107.10	107.18	0.48	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	105.42	107.35	106.52	106.43	0.91	ppb
Cadmium	106-1	108.88	107.76	104.88	107.17	1.92	ppb
Cadmium	111-1	109.38	108.63	110.59	109.54	0.90	ppb
Calcium	43-1	56080.70	55696.60	56304.41	56027.24	0.55	ppb
Calcium	44-1	54433.79	55474.07	55963.88	55290.58	1.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	106.11	105.74	106.70	106.18	0.45	ppb
Cobalt	59-2	115.53	115.44	115.13	115.37	0.18	ppb
Copper	63-2	1052.47	1042.09	1053.86	1049.47	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	56-2	8623.80	8581.08	8612.92	8605.93	0.26	ppb
Iron	57-2	9283.70	9248.82	9296.95	9276.49	0.27	ppb
Iron	54-2	8892.74	8720.58	8724.14	8779.15	1.12	ppb
Krypton	83-1						cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	O4212-04MSDLX5	Instrumnet Name :	P7
Client Sample ID :	TOPSOIL-OU3-DENALI-	Dilution Factor :	5
Date & Time Acquired :	2023-09-05 18:50:38	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	492.72	498.63	503.05	498.14	1.04	ppb
Lead	207-1	488.71	494.98	510.34	498.01	2.23	ppb
Lead	208-1	488.55	494.23	503.98	495.59	1.57	ppb
Lithium	6-1				100		%
Magnesium	24-2	16826.90	16652.15	16797.20	16758.75	0.56	ppb
Manganese	55-2	3175.27	3162.71	3170.28	3169.42	0.20	ppb
Molybdenum	94-1	673.88	685.38	683.34	680.86	0.90	ppb
Molybdenum	95-1	590.87	602.76	615.50	603.04	2.04	ppb
Molybdenum	96-1	595.62	609.75	624.95	610.10	2.40	ppb
Molybdenum	97-1	600.45	603.91	604.62	603.00	0.37	ppb
Molybdenum	98-1	587.56	607.50	595.41	596.82	1.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	111.05	110.84	111.02	110.97	0.10	ppb
Phosphorus	31-2	1705.27	1771.02	1756.42	1744.24	1.98	ppb
Potassium	39-2	16907.40	17113.01	17159.34	17059.92	0.79	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	82-1	102.74	105.63	106.38	104.92	1.83	ppb
Selenium	77-2	105.68	108.31	109.79	107.92	1.93	ppb
Selenium	78-2	110.68	105.40	106.43	107.50	2.61	ppb
Silicon	28-1	139.84	141.47	141.80	141.04	0.75	ppb
Silver	107-1	105.57	105.46	106.60	105.88	0.59	ppb
Silver	109-1	104.85	104.88	105.99	105.24	0.62	ppb
Sodium	23-2	12958.58	12919.94	12934.56	12937.69	0.15	ppb
Strontium	86-1	263.21	268.20	270.67	267.36	1.42	ppb
Strontium	88-1	264.62	268.84	267.38	266.95	0.80	ppb
Sulfur	34-1	84955.99	84630.01	85605.43	85063.81	0.58	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	95.41	95.98	97.52	96.30	1.14	ppb
Thallium	205-1	99.96	100.50	103.01	101.15	1.61	ppb
Tin	118-1	99.11	98.68	98.52	98.77	0.31	ppb
Titanium	47-1	407.34	413.55	411.69	410.86	0.78	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	O4212-04MSDLX5	Instrumnet Name :	P7
Client Sample ID :	TOPSOIL-OU3-DENALI-	Dilution Factor :	5
Date & Time Acquired :	2023-09-05 18:50:38	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	101.03	100.92	100.94	100.96	0.06	ppb
Vanadium	51-2	121.26	121.75	121.82	121.61	0.25	ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	1426.71	1418.38	1418.20	1421.10	0.34	ppb
Zirconium	90-1	97.95	100.65	100.48	99.69	1.52	ppb
Zirconium	91-1	97.24	98.31	99.27	98.28	1.03	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	O4212-04MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	TOPSOIL-OU3-DENALI-	Dilution Factor :	5
Date & Time Acquired :	2023-09-05 18:53:29	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10036.55	9728.46	9930.28	9898.43	1.58	ppb
Antimony	121-1	94.55	101.89	101.05	99.16	4.05	ppb
Arsenic	75-2	107.38	108.24	107.88	107.84	0.40	ppb
Barium	135-1	509.45	544.87	524.53	526.28	3.38	ppb
Barium	137-1	511.70	552.13	538.46	534.10	3.85	ppb
Beryllium	9-1	98.67	105.22	104.24	102.71	3.44	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	99.00	104.75	104.06	102.60	3.06	ppb
Cadmium	106-1	95.34	106.67	104.70	102.24	5.92	ppb
Cadmium	111-1	100.22	108.42	107.80	105.48	4.33	ppb
Calcium	43-1	51141.60	55313.62	54252.39	53569.20	4.05	ppb
Calcium	44-1	50788.83	55351.65	54567.57	53569.35	4.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	103.25	102.24	103.48	102.99	0.64	ppb
Cobalt	59-2	112.48	110.99	111.33	111.60	0.70	ppb
Copper	63-2	1033.95	1009.76	1020.78	1021.49	1.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	56-2	8384.36	8221.85	8368.55	8324.92	1.08	ppb
Iron	57-2	9024.84	8929.69	9041.28	8998.60	0.67	ppb
Iron	54-2	8649.77	8527.25	8480.06	8552.36	1.02	ppb
Krypton	83-1						cps

LB Number : LB127138 Operator : Jaswal
 Lab Sample ID : O4212-04MSDDLX5 Instrumnet Name : P7
 Client Sample ID : TOPSOIL-OU3-DENALI-1 Dilution Factor : 5
 Date & Time Acquired : 2023-09-05 18:53:29 DataFile Name : 033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	461.38	494.46	486.72	480.85	3.60	ppb
Lead	207-1	458.25	492.29	487.94	479.50	3.86	ppb
Lead	208-1	457.75	486.77	489.46	478.00	3.68	ppb
Lithium	6-1				101		%
Magnesium	24-2	16410.56	15933.28	16071.85	16138.56	1.52	ppb
Manganese	55-2	3037.61	3043.37	3020.41	3033.80	0.39	ppb
Molybdenum	94-1	620.74	660.59	667.04	649.46	3.86	ppb
Molybdenum	95-1	555.71	589.87	587.02	577.54	3.28	ppb
Molybdenum	96-1	556.78	603.44	597.60	585.94	4.34	ppb
Molybdenum	97-1	551.89	600.43	597.82	583.38	4.68	ppb
Molybdenum	98-1	538.30	590.32	584.43	571.02	4.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	108.94	107.54	107.97	108.15	0.67	ppb
Phosphorus	31-2	1715.99	1658.56	1676.65	1683.73	1.74	ppb
Potassium	39-2	16640.93	16390.49	16514.58	16515.33	0.76	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				99		%
Scandium	45-2				95		%
Selenium	82-1	97.47	102.04	103.54	101.02	3.13	ppb
Selenium	77-2	104.14	98.30	104.66	102.37	3.45	ppb
Selenium	78-2	108.09	99.66	108.04	105.26	4.61	ppb
Silicon	28-1	131.60	140.79	139.31	137.23	3.60	ppb
Silver	107-1	97.33	103.95	103.63	101.64	3.67	ppb
Silver	109-1	97.30	104.30	103.43	101.68	3.75	ppb
Sodium	23-2	12615.20	12360.32	12427.73	12467.75	1.06	ppb
Strontium	86-1	243.62	261.71	261.57	255.64	4.07	ppb
Strontium	88-1	246.34	266.16	266.09	259.53	4.40	ppb
Sulfur	34-1	77967.48	84758.49	83823.21	82183.06	4.48	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	90.24	95.27	93.94	93.15	2.80	ppb
Thallium	205-1	94.42	98.10	98.81	97.11	2.42	ppb
Tin	118-1	90.33	97.42	96.09	94.61	3.98	ppb
Titanium	47-1	375.17	406.69	400.96	394.28	4.26	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	O4212-04MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	TOPSOIL-OU3-DENALI-	Dilution Factor :	5
Date & Time Acquired :	2023-09-05 18:53:29	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	93.82	102.25	97.85	97.97	4.31	ppb
Vanadium	51-2	119.69	117.71	117.78	118.39	0.95	ppb
Yttrium	89-1				103		%
Yttrium	89-2				97		%
Zinc	66-2	1392.20	1370.21	1374.89	1379.10	0.84	ppb
Zirconium	90-1	91.33	98.48	96.54	95.45	3.87	ppb
Zirconium	91-1	89.58	97.67	96.78	94.68	4.69	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	O4212-04ADLX5	Instrumnet Name :	P7
Client Sample ID :	TOPSOIL-OU3-DENALI-	Dilution Factor :	5
Date & Time Acquired :	2023-09-05 18:56:21	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10201.96	10112.61	10220.74	10178.44	0.57	ppb
Antimony	121-1	95.07	103.15	102.90	100.37	4.58	ppb
Arsenic	75-2	111.59	109.63	110.08	110.43	0.93	ppb
Barium	135-1	511.38	566.00	560.64	546.01	5.51	ppb
Barium	137-1	510.87	561.98	555.55	542.80	5.13	ppb
Beryllium	9-1	97.18	107.70	108.29	104.39	5.99	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	97.33	106.47	106.42	103.40	5.09	ppb
Cadmium	106-1	97.97	104.86	105.95	102.93	4.20	ppb
Cadmium	111-1	101.72	110.02	110.63	107.45	4.63	ppb
Calcium	43-1	51146.72	56253.78	55964.40	54454.97	5.27	ppb
Calcium	44-1	50800.73	55226.97	55917.87	53981.85	5.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	105.74	104.52	105.99	105.42	0.75	ppb
Cobalt	59-2	113.31	113.40	114.67	113.79	0.67	ppb
Copper	63-2	1038.12	1042.76	1047.82	1042.90	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				102		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	56-2	8414.71	8528.88	8578.77	8507.45	0.99	ppb
Iron	57-2	9177.42	9164.65	9323.91	9221.99	0.96	ppb
Iron	54-2	8648.72	8587.78	8661.24	8632.58	0.46	ppb
Krypton	83-1						cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	O4212-04ADLX5	Instrumnet Name :	P7
Client Sample ID :	TOPSOIL-OU3-DENALI-	Dilution Factor :	5
Date & Time Acquired :	2023-09-05 18:56:21	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	455.48	488.28	497.42	480.40	4.59	ppb
Lead	207-1	463.01	493.10	503.60	486.57	4.33	ppb
Lead	208-1	457.42	491.67	497.68	482.25	4.50	ppb
Lithium	6-1				103		%
Magnesium	24-2	16793.15	16566.12	16584.81	16648.03	0.76	ppb
Manganese	55-2	3132.37	3134.85	3140.82	3136.01	0.14	ppb
Molybdenum	94-1	631.44	671.10	674.76	659.10	3.64	ppb
Molybdenum	95-1	560.15	597.76	593.26	583.72	3.52	ppb
Molybdenum	96-1	562.29	606.07	605.46	591.28	4.25	ppb
Molybdenum	97-1	561.92	590.22	592.30	581.48	2.92	ppb
Molybdenum	98-1	546.34	589.43	595.61	577.13	4.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	111.24	109.57	109.98	110.26	0.79	ppb
Phosphorus	31-2	1717.25	1722.87	1720.97	1720.36	0.17	ppb
Potassium	39-2	16981.13	17018.74	17012.20	17004.02	0.12	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	82-1	98.05	102.78	104.32	101.72	3.21	ppb
Selenium	77-2	101.44	110.32	110.98	107.58	4.95	ppb
Selenium	78-2	103.62	101.52	102.09	102.41	1.06	ppb
Silicon	28-1	129.35	140.42	141.52	137.09	4.91	ppb
Silver	107-1	97.59	106.12	106.72	103.47	4.94	ppb
Silver	109-1	98.10	105.83	105.98	103.30	4.36	ppb
Sodium	23-2	12748.48	12919.20	12911.47	12859.72	0.75	ppb
Strontium	86-1	246.52	261.51	264.50	257.51	3.74	ppb
Strontium	88-1	247.47	266.67	267.33	260.49	4.33	ppb
Sulfur	34-1	77858.63	84209.79	85577.41	82548.61	4.99	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	88.61	95.29	95.72	93.21	4.28	ppb
Thallium	205-1	94.37	102.37	101.63	99.45	4.45	ppb
Tin	118-1	90.56	97.72	98.77	95.68	4.67	ppb
Titanium	47-1	371.85	402.10	412.37	395.44	5.33	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	O4212-04ADLX5	Instrumnet Name :	P7
Client Sample ID :	TOPSOIL-OU3-DENALI-	Dilution Factor :	5
Date & Time Acquired :	2023-09-05 18:56:21	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	93.94	102.14	102.24	99.44	4.79	ppb
Vanadium	51-2	120.92	120.78	122.41	121.37	0.74	ppb
Yttrium	89-1				105		%
Yttrium	89-2				98		%
Zinc	66-2	1402.75	1406.53	1419.27	1409.52	0.61	ppb
Zirconium	90-1	91.70	98.75	99.74	96.73	4.54	ppb
Zirconium	91-1	91.16	97.20	98.79	95.72	4.21	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 18:59:11	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51387.23	51850.79	51906.09	51714.70	0.55	ppb
Antimony	121-1	503.45	514.06	520.92	512.81	1.72	ppb
Arsenic	75-2	523.39	517.10	526.28	522.25	0.90	ppb
Barium	135-1	2558.11	2618.39	2653.18	2609.89	1.84	ppb
Barium	137-1	2557.07	2606.21	2624.03	2595.77	1.34	ppb
Beryllium	9-1	512.81	529.63	528.80	523.75	1.81	ppb
Bismuth	209-1				88		%
Bismuth	209-2				86		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	497.29	495.28	506.48	499.69	1.20	ppb
Cadmium	106-1	493.89	494.81	501.68	496.79	0.86	ppb
Cadmium	111-1	487.88	489.18	496.71	491.26	0.97	ppb
Calcium	43-1	256409.30	259705.93	264194.05	260103.09	1.50	ppb
Calcium	44-1	255165.97	257366.90	256795.36	256442.74	0.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	523.34	520.85	524.87	523.02	0.39	ppb
Cobalt	59-2	540.39	541.11	533.86	538.45	0.74	ppb
Copper	63-2	5253.86	5271.18	5233.19	5252.75	0.36	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				97		%
Indium	115-1				92		%
Indium	115-2				89		%
Iron	56-2	131226.14	130580.04	129274.92	130360.37	0.76	ppb
Iron	57-2	129982.25	130716.85	129065.80	129921.64	0.64	ppb
Iron	54-2	130854.09	129021.50	131275.33	130383.64	0.92	ppb
Krypton	83-1						cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 18:59:11	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2582.25	2656.78	2668.51	2635.85	1.77	ppb
Lead	207-1	2578.19	2665.96	2700.00	2648.05	2.37	ppb
Lead	208-1	2591.22	2658.66	2686.93	2645.60	1.86	ppb
Lithium	6-1				93		%
Magnesium	24-2	261328.56	261578.06	258199.91	260368.84	0.72	ppb
Manganese	55-2	5188.21	5170.64	5186.28	5181.71	0.19	ppb
Molybdenum	94-1	5148.05	5316.45	5356.85	5273.78	2.10	ppb
Molybdenum	95-1	5133.12	5250.64	5390.63	5258.13	2.45	ppb
Molybdenum	96-1	5143.33	5235.73	5348.60	5242.55	1.96	ppb
Molybdenum	97-1	5146.06	5196.02	5332.83	5224.97	1.85	ppb
Molybdenum	98-1	5080.47	5233.12	5339.46	5217.68	2.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	511.58	518.31	513.59	514.49	0.67	ppb
Phosphorus	31-2	10413.50	10191.37	10130.05	10244.97	1.46	ppb
Potassium	39-2	127173.01	127126.91	127910.13	127403.35	0.34	ppb
Rhodium	103-1				86		%
Rhodium	103-2				85		%
Scandium	45-1				95		%
Scandium	45-2				92		%
Selenium	82-1	502.44	515.78	520.44	512.89	1.82	ppb
Selenium	77-2	512.03	481.00	498.85	497.29	3.13	ppb
Selenium	78-2	509.08	509.42	520.28	512.92	1.24	ppb
Silicon	28-1	613.75	629.04	620.17	620.99	1.24	ppb
Silver	107-1	514.09	515.80	523.59	517.83	0.98	ppb
Silver	109-1	519.60	510.28	525.72	518.53	1.50	ppb
Sodium	23-2	260367.93	258196.66	258490.57	259018.39	0.45	ppb
Strontium	86-1	12893.68	13111.96	13306.24	13103.96	1.58	ppb
Strontium	88-1	12882.38	13077.23	13314.58	13091.39	1.65	ppb
Sulfur	34-1	9089.46	9511.79	9289.95	9297.07	2.27	ppb
Terbium	159-1				96		%
Terbium	159-2				95		%
Thallium	203-1	522.54	542.16	539.74	534.81	2.00	ppb
Thallium	205-1	519.95	536.00	537.06	531.00	1.81	ppb
Tin	118-1	517.16	519.86	526.71	521.24	0.94	ppb
Titanium	47-1	5172.52	5219.76	5202.30	5198.19	0.46	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 18:59:11	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	540.47	549.79	549.51	546.59	0.97	ppb
Vanadium	51-2	525.04	518.84	520.60	521.49	0.61	ppb
Yttrium	89-1				97		%
Yttrium	89-2				94		%
Zinc	66-2	5192.84	5211.25	5223.16	5209.09	0.29	ppb
Zirconium	90-1	516.59	529.38	545.12	530.36	2.69	ppb
Zirconium	91-1	513.49	532.55	539.42	528.49	2.54	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 19:01:55	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.38	0.52	0.36	0.42	21.80	ppb
Antimony	121-1	0.36	0.33	0.30	0.33	8.21	ppb
Arsenic	75-2	0.04	0.02	0.05	0.04	36.34	ppb
Barium	135-1	0.34	0.16	0.11	0.20	60.21	ppb
Barium	137-1	0.36	0.17	0.09	0.21	69.07	ppb
Beryllium	9-1	0.24	0.19	0.14	0.19	25.53	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	-0.02	0.06	0.02	236.62	ppb
Cadmium	106-1	0.34	-2.22	-3.34	-1.74		ppb
Cadmium	111-1	0.10	-0.11	-0.21	-0.07		ppb
Calcium	43-1	28.67	12.28	5.03	15.32	79.03	ppb
Calcium	44-1	24.79	5.83	-1.77	9.62	142.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	0.03	0.01	0.04	71.52	ppb
Cobalt	59-2	0.01	0.01	0.02	0.02	8.79	ppb
Copper	63-2	0.12	0.11	0.11	0.11	7.04	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				102		%
Holmium	165-2				98		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	56-2	4.29	3.87	3.75	3.97	7.03	ppb
Iron	57-2	4.23	4.49	3.46	4.06	13.29	ppb
Iron	54-2	4.96	3.27	2.76	3.66	31.42	ppb
Krypton	83-1						cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 19:01:55	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.41	0.26	0.16	0.28	44.05	ppb
Lead	207-1	0.41	0.25	0.18	0.28	41.28	ppb
Lead	208-1	0.42	0.26	0.18	0.29	42.92	ppb
Lithium	6-1				101		%
Magnesium	24-2	6.01	5.40	5.46	5.62	6.01	ppb
Manganese	55-2	0.15	0.20	0.14	0.17	19.45	ppb
Molybdenum	94-1	0.95	0.61	0.40	0.65	42.05	ppb
Molybdenum	95-1	1.00	0.59	0.42	0.67	44.50	ppb
Molybdenum	96-1	1.01	0.59	0.42	0.68	45.19	ppb
Molybdenum	97-1	0.98	0.55	0.41	0.65	45.47	ppb
Molybdenum	98-1	1.01	0.58	0.40	0.67	47.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	0.04	0.01	350.61	ppb
Phosphorus	31-2	-14.75	-17.85	-12.89	-15.16		ppb
Potassium	39-2	13.72	15.50	12.62	13.95	10.41	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				95		%
Selenium	82-1	-0.33	0.01	-0.13	-0.15		ppb
Selenium	77-2	0.08	0.32	0.33	0.24	57.24	ppb
Selenium	78-2	-1.42	-0.43	-0.80	-0.88		ppb
Silicon	28-1	0.07	0.06	0.09	0.07	16.36	ppb
Silver	107-1	0.14	0.09	0.06	0.10	45.68	ppb
Silver	109-1	0.15	0.10	0.06	0.10	44.29	ppb
Sodium	23-2	55.65	53.09	52.02	53.59	3.47	ppb
Strontium	86-1	1.80	0.86	0.52	1.06	62.54	ppb
Strontium	88-1	1.85	0.88	0.51	1.08	64.37	ppb
Sulfur	34-1	-625.90	-375.21	-236.11	-412.41		ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	0.10	0.05	0.04	0.06	51.80	ppb
Thallium	205-1	0.10	0.06	0.04	0.06	44.41	ppb
Tin	118-1	0.12	0.06	0.05	0.08	44.31	ppb
Titanium	47-1	0.87	0.55	0.36	0.59	43.48	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 19:01:55	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.06	0.04	0.02	0.04	59.07	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	17.92	ppb
Yttrium	89-1				101		%
Yttrium	89-2				96		%
Zinc	66-2	0.69	0.71	1.56	0.99	50.49	ppb
Zirconium	90-1	0.09	0.05	0.04	0.06	49.39	ppb
Zirconium	91-1	0.10	0.06	0.04	0.07	43.42	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	PB155330TB	Instrumnet Name :	P7
Client Sample ID :	PB155330TB	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 19:05:10	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.50	-0.50	-0.31	-0.44		ppb
Antimony	121-1	0.07	0.08	0.08	0.08	4.79	ppb
Arsenic	75-2	0.00	-0.02	0.01	0.00		ppb
Barium	135-1	0.00	0.00	0.00	0.00		ppb
Barium	137-1	0.00	0.00	0.01	0.00	171.89	ppb
Beryllium	9-1	0.07	0.07	0.08	0.07	8.09	ppb
Bismuth	209-1				99		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.05	0.03	-0.03	-0.02		ppb
Cadmium	106-1	-2.36	0.89	-1.72	-1.06		ppb
Cadmium	111-1	-0.17	0.08	-0.11	-0.06		ppb
Calcium	43-1	-4.43	-4.19	-4.54	-4.39		ppb
Calcium	44-1	-10.29	-12.52	-14.44	-12.42		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.01	0.03	0.00	2562.23	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.02	-0.04	-0.03	-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				99		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	0.30	0.30	0.60	0.40	44.15	ppb
Iron	57-2	-1.18	-1.86	-0.42	-1.15		ppb
Iron	54-2	-0.06	-1.33	0.51	-0.29		ppb
Krypton	83-1						cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	PB155330TB	Instrumnet Name :	P7
Client Sample ID :	PB155330TB	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 19:05:10	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.06	0.05	0.06	0.06	10.02	ppb
Lead	207-1	0.07	0.05	0.05	0.06	15.08	ppb
Lead	208-1	0.07	0.06	0.05	0.06	9.86	ppb
Lithium	6-1				101		%
Magnesium	24-2	0.46	0.51	0.69	0.55	21.88	ppb
Manganese	55-2	0.03	0.02	0.06	0.04	49.19	ppb
Molybdenum	94-1	0.06	0.06	0.06	0.06	6.81	ppb
Molybdenum	95-1	0.08	0.07	0.05	0.07	19.26	ppb
Molybdenum	96-1	0.07	0.07	0.07	0.07	3.56	ppb
Molybdenum	97-1	0.07	0.07	0.08	0.07	5.52	ppb
Molybdenum	98-1	0.08	0.06	0.06	0.07	23.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.02	-0.03	-0.01		ppb
Phosphorus	31-2	-11.72	-15.44	-15.27	-14.14		ppb
Potassium	39-2	-2.99	-5.28	7.04	-0.41		ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				101		%
Selenium	82-1	-0.14	0.19	-0.01	0.02	1033.16	ppb
Selenium	77-2	0.07	0.28	-0.15	0.07	331.54	ppb
Selenium	78-2	-1.12	-1.11	-0.35	-0.86		ppb
Silicon	28-1	-0.04	-0.09	-0.13	-0.09		ppb
Silver	107-1	0.02	0.02	0.01	0.01	10.55	ppb
Silver	109-1	0.02	0.02	0.02	0.02	12.71	ppb
Sodium	23-2	25.28	24.25	33.59	27.71	18.48	ppb
Strontium	86-1	0.02	0.02	0.02	0.02	15.82	ppb
Strontium	88-1	0.03	0.03	0.02	0.03	21.60	ppb
Sulfur	34-1	-10.08	-60.49	-214.75	-95.11		ppb
Terbium	159-1				98		%
Terbium	159-2				104		%
Thallium	203-1	0.02	0.01	0.01	0.01	11.62	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	24.07	ppb
Tin	118-1	0.01	0.02	0.01	0.01	55.39	ppb
Titanium	47-1	0.11	0.02	0.09	0.07	60.52	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	PB155330TB	Instrumnet Name :	P7
Client Sample ID :	PB155330TB	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 19:05:10	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	37.08	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	43.49	ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	1.58	0.92	0.75	1.08	40.74	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	240.68	ppb
Zirconium	91-1	0.00	0.00	0.01	0.01	158.61	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P7
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 19:28:13	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51712.51	51177.89	51840.71	51577.03	0.68	ppb
Antimony	121-1	512.92	514.82	507.91	511.89	0.70	ppb
Arsenic	75-2	500.20	502.43	507.09	503.24	0.70	ppb
Barium	135-1	2605.02	2616.13	2576.72	2599.29	0.78	ppb
Barium	137-1	2582.32	2572.50	2538.47	2564.43	0.90	ppb
Beryllium	9-1	516.54	506.57	526.77	516.63	1.95	ppb
Bismuth	209-1				85		%
Bismuth	209-2				85		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	495.08	502.31	489.05	495.48	1.34	ppb
Cadmium	106-1	497.24	499.86	484.86	493.99	1.62	ppb
Cadmium	111-1	486.19	490.08	482.49	486.26	0.78	ppb
Calcium	43-1	251983.76	248577.52	253821.83	251461.03	1.06	ppb
Calcium	44-1	248694.08	247905.79	252201.63	249600.50	0.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	517.96	522.62	511.35	517.31	1.10	ppb
Cobalt	59-2	512.84	511.30	514.67	512.94	0.33	ppb
Copper	63-2	4898.52	4921.01	4974.46	4931.33	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				95		%
Indium	115-1				91		%
Indium	115-2				89		%
Iron	56-2	128780.87	127352.73	128512.36	128215.32	0.59	ppb
Iron	57-2	128513.53	127080.94	127407.02	127667.16	0.59	ppb
Iron	54-2	127009.17	128947.11	129195.34	128383.87	0.93	ppb
Krypton	83-1						cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P7
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 19:28:13	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2646.27	2607.49	2625.97	2626.57	0.74	ppb
Lead	207-1	2632.41	2636.48	2627.08	2631.99	0.18	ppb
Lead	208-1	2630.55	2620.13	2641.63	2630.77	0.41	ppb
Lithium	6-1				93		%
Magnesium	24-2	258278.74	257029.39	258423.24	257910.46	0.30	ppb
Manganese	55-2	5041.61	5113.49	5127.37	5094.15	0.90	ppb
Molybdenum	94-1	5126.13	5180.58	5136.91	5147.87	0.56	ppb
Molybdenum	95-1	5110.97	5188.13	5175.30	5158.13	0.80	ppb
Molybdenum	96-1	5096.74	5190.97	5232.23	5173.31	1.34	ppb
Molybdenum	97-1	5078.47	5182.12	5230.80	5163.80	1.51	ppb
Molybdenum	98-1	5058.01	5144.54	5153.36	5118.64	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	488.40	489.90	491.92	490.08	0.36	ppb
Phosphorus	31-2	10084.30	10133.70	10228.61	10148.87	0.72	ppb
Potassium	39-2	127512.66	126774.37	128578.79	127621.94	0.71	ppb
Rhodium	103-1				86		%
Rhodium	103-2				85		%
Scandium	45-1				97		%
Scandium	45-2				92		%
Selenium	82-1	480.17	493.19	490.92	488.09	1.43	ppb
Selenium	77-2	516.41	489.10	484.30	496.60	3.49	ppb
Selenium	78-2	474.51	485.73	494.19	484.81	2.04	ppb
Silicon	28-1	604.22	602.68	609.90	605.60	0.63	ppb
Silver	107-1	498.44	501.02	496.86	498.77	0.42	ppb
Silver	109-1	491.91	503.11	499.65	498.23	1.15	ppb
Sodium	23-2	257215.45	253477.29	255709.27	255467.34	0.74	ppb
Strontium	86-1	12815.09	12842.14	12937.94	12865.05	0.50	ppb
Strontium	88-1	12849.27	12865.94	13152.87	12956.03	1.32	ppb
Sulfur	34-1	9099.77	9104.26	9226.84	9143.62	0.79	ppb
Terbium	159-1				95		%
Terbium	159-2				94		%
Thallium	203-1	529.47	533.45	532.77	531.90	0.40	ppb
Thallium	205-1	527.99	525.96	528.01	527.32	0.22	ppb
Tin	118-1	513.41	519.38	513.64	515.48	0.66	ppb
Titanium	47-1	5064.98	5053.84	5098.01	5072.28	0.45	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P7
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 19:28:13	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	536.11	540.68	539.97	538.92	0.46	ppb
Vanadium	51-2	516.69	519.36	525.35	520.46	0.85	ppb
Yttrium	89-1				97		%
Yttrium	89-2				93		%
Zinc	66-2	4820.67	4843.51	4879.98	4848.06	0.62	ppb
Zirconium	90-1	515.38	522.57	517.57	518.51	0.71	ppb
Zirconium	91-1	518.99	536.87	527.82	527.89	1.69	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P7
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 19:34:37	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.53	1.17	1.08	1.26	18.80	ppb
Antimony	121-1	0.13	0.15	0.14	0.14	7.42	ppb
Arsenic	75-2	-0.01	0.02	0.04	0.02	146.02	ppb
Barium	135-1	0.06	0.02	0.02	0.03	74.75	ppb
Barium	137-1	0.04	0.04	0.03	0.04	14.69	ppb
Beryllium	9-1	0.09	0.12	0.12	0.11	15.38	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.10	-0.03	-0.06	0.00	6538.83	ppb
Cadmium	106-1	-4.06	-4.79	-4.33	-4.39		ppb
Cadmium	111-1	-0.30	-0.34	-0.31	-0.32		ppb
Calcium	43-1	14.01	11.98	9.67	11.88	18.26	ppb
Calcium	44-1	-3.45	-3.77	-2.81	-3.34		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	0.07	0.08	0.07	14.61	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	34.83	ppb
Copper	63-2	0.11	0.11	0.13	0.12	8.21	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				98		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	56-2	3.29	3.34	3.28	3.31	1.03	ppb
Iron	57-2	3.13	3.67	2.64	3.15	16.44	ppb
Iron	54-2	3.35	2.78	3.02	3.05	9.28	ppb
Krypton	83-1						cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P7
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 19:34:37	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.11	0.10	0.11	0.11	4.56	ppb
Lead	207-1	0.11	0.11	0.09	0.10	11.27	ppb
Lead	208-1	0.10	0.11	0.09	0.10	6.56	ppb
Lithium	6-1				100		%
Magnesium	24-2	4.45	4.82	4.43	4.57	4.73	ppb
Manganese	55-2	0.13	0.12	0.18	0.14	22.98	ppb
Molybdenum	94-1	0.17	0.16	0.15	0.16	6.75	ppb
Molybdenum	95-1	0.16	0.13	0.15	0.15	8.95	ppb
Molybdenum	96-1	0.15	0.13	0.13	0.14	7.32	ppb
Molybdenum	97-1	0.17	0.14	0.12	0.14	17.14	ppb
Molybdenum	98-1	0.16	0.13	0.15	0.15	10.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.05	0.02	0.03	51.83	ppb
Phosphorus	31-2	-6.63	-15.43	-12.82	-11.63		ppb
Potassium	39-2	8.14	10.76	10.99	9.97	15.87	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	82-1	-0.27	0.00	-0.17	-0.15		ppb
Selenium	77-2	0.08	0.08	0.08	0.08	3.08	ppb
Selenium	78-2	-0.77	-0.24	-1.05	-0.69		ppb
Silicon	28-1	0.05	0.03	0.17	0.08	91.37	ppb
Silver	107-1	0.02	0.02	0.02	0.02	13.45	ppb
Silver	109-1	0.02	0.02	0.02	0.02	10.19	ppb
Sodium	23-2	37.84	38.61	36.27	37.57	3.18	ppb
Strontium	86-1	0.24	0.23	0.21	0.23	5.62	ppb
Strontium	88-1	0.25	0.23	0.23	0.23	4.66	ppb
Sulfur	34-1	-412.47	-401.22	-129.74	-314.47		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.02	0.03	0.02	0.02	6.92	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	3.85	ppb
Tin	118-1	0.02	0.05	0.05	0.04	41.57	ppb
Titanium	47-1	0.11	0.05	0.16	0.11	54.27	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P7
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 19:34:37	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	19.99	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	12.46	ppb
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	1.32	1.63	2.14	1.70	24.42	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	8.67	ppb
Zirconium	91-1	0.01	0.01	0.02	0.02	38.58	ppb

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 16:57:59	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	527	497	587	537	8.54	cps
Antimony	121-1	313	320	337	323	3.72	cps
Arsenic	75-2	7	10	27	14	74.18	cps
Barium	135-1	193	157	203	184	13.32	cps
Barium	137-1	283	317	323	308	6.96	cps
Beryllium	9-1	193	150	240	194	23.15	cps
Bismuth	209-1	12333961	12258955	12241993	12278303	0.40	cps
Bismuth	209-2	9007766	8957027	8896277	8953690	0.62	cps
Bromine	81-1	28838	28514	27970	28441	1.54	cps
Bromine	81-2	127	140	120	129	7.90	cps
Cadmium	108-1	47	23	53	41	38.32	cps
Cadmium	106-1	13987	13753	13656	13799	1.23	cps
Cadmium	111-1	9818	9664	9596	9693	1.18	cps
Calcium	43-1	1823	1573	1760	1719	7.56	cps
Calcium	44-1	39873	40260	40518	40217	0.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1637	1653	1683	1658	1.43	cps
Cobalt	59-2	317	327	337	327	3.06	cps
Copper	63-2	1990	2003	2107	2034	3.14	cps
Dysprosium	156-1	17	37	30	28	36.66	cps
Dysprosium	156-2	27	13	13	18	43.33	cps
Erbium	164-1	133	130	143	136	5.12	cps
Erbium	164-2	113	97	97	102	9.41	cps
Gadolinium	160-1	170	197	157	174	11.68	cps
Gadolinium	160-2	733	860	873	822	9.40	cps
Holmium	165-1	20755279	20918420	20858010	20843903	0.40	cps
Holmium	165-2	13259841	13023899	13094927	13126222	0.92	cps
Indium	115-1	16438848	16547056	16476611	16487505	0.33	cps
Indium	115-2	4928447	4867802	4936565	4910938	0.77	cps
Iron	56-2	15755	16045	15585	15795	1.47	cps
Iron	57-2	1153	1133	1103	1130	2.23	cps
Iron	54-2	1927	2050	2050	2009	3.54	cps
Krypton	83-1	177	167	153	166	7.07	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 16:57:59	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1247	1173	1110	1177	5.81	cps
Lead	207-1	977	1067	1070	1038	5.10	cps
Lead	208-1	4597	4754	4767	4706	2.01	cps
Lithium	6-1	4581671	4548468	4656990	4595709	1.21	cps
Magnesium	24-2	940	1040	970	983	5.22	cps
Manganese	55-2	517	643	733	631	17.25	cps
Molybdenum	94-1	420	440	407	422	3.97	cps
Molybdenum	95-1	180	177	160	172	6.22	cps
Molybdenum	96-1	257	320	247	274	14.49	cps
Molybdenum	97-1	137	133	133	134	1.43	cps
Molybdenum	98-1	263	293	230	262	12.08	cps
Neodymium	150-1	3	3	17	8	99.04	cps
Neodymium	150-2	10	13	10	11	17.30	cps
Nickel	60-2	243	230	257	243	5.48	cps
Phosphorus	31-2	703	700	643	682	4.94	cps
Potassium	39-2	79922	80223	80776	80307	0.54	cps
Rhodium	103-1	15487445	15430828	15160862	15359712	1.14	cps
Rhodium	103-2	8229517	8138003	8036417	8134646	1.19	cps
Scandium	45-1	10188262	10203145	10263223	10218210	0.39	cps
Scandium	45-2	735255	731603	732557	733138	0.26	cps
Selenium	82-1	91	65	53	70	28.03	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	227	193	223	214	8.56	cps
Silicon	28-1	376075	376659	373842	375525	0.40	cps
Silver	107-1	157	150	130	146	9.54	cps
Silver	109-1	20	37	37	31	30.93	cps
Sodium	23-2	49981	50409	49573	49987	0.84	cps
Strontium	86-1	320	310	260	297	10.84	cps
Strontium	88-1	287	300	277	288	4.07	cps
Sulfur	34-1	389806	390140	385977	388641	0.60	cps
Terbium	159-1	21726096	21427317	21668976	21607463	0.73	cps
Terbium	159-2	13130662	13224678	13073468	13142936	0.58	cps
Thallium	203-1	577	533	580	563	4.62	cps
Thallium	205-1	1367	1383	1330	1360	2.01	cps
Tin	118-1	1880	2124	1703	1902	11.09	cps
Titanium	47-1	250	227	233	237	5.08	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 16:57:59	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1237	1087	1200	1175	6.66	cps
Vanadium	51-2	77	90	60	76	19.89	cps
Yttrium	89-1	26177947	25916725	26012888	26035854	0.51	cps
Yttrium	89-2	5564622	5535588	5507467	5535893	0.52	cps
Zinc	66-2	14006	14252	14073	14110	0.90	cps
Zirconium	90-1	1020	1127	1073	1073	4.97	cps
Zirconium	91-1	177	150	183	170	10.38	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:01:13	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5694	6081	5901	5892	3.28	cps
Antimony	121-1	21156	21997	21733	21629	1.99	cps
Arsenic	75-2	480	567	540	529	8.39	cps
Barium	135-1	28642	28128	29093	28621	1.69	cps
Barium	137-1	50553	49539	49676	49923	1.10	cps
Beryllium	9-1	2817	3117	2967	2967	5.06	cps
Bismuth	209-1	12522476	12344804	12248299	12371860	1.12	cps
Bismuth	209-2	9123273	9061108	9040878	9075086	0.47	cps
Bromine	81-1	28621	28852	29052	28842	0.75	cps
Bromine	81-2	120	133	163	139	15.98	cps
Cadmium	108-1	203	253	240	232	11.15	cps
Cadmium	106-1	14284	14547	14180	14337	1.32	cps
Cadmium	111-1	12917	13093	12622	12877	1.85	cps
Calcium	43-1	18885	20294	18752	19310	4.42	cps
Calcium	44-1	324504	327541	323866	325304	0.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10661	10851	10410	10640	2.08	cps
Cobalt	59-2	6935	6778	6952	6888	1.39	cps
Copper	63-2	11551	11811	11088	11483	3.19	cps
Dysprosium	156-1	23	3	27	18	71.00	cps
Dysprosium	156-2	20	27	13	20	33.35	cps
Erbium	164-1	187	120	157	154	21.62	cps
Erbium	164-2	117	73	73	88	28.51	cps
Gadolinium	160-1	160	173	167	167	4.00	cps
Gadolinium	160-2	783	793	843	807	3.99	cps
Holmium	165-1	20949359	20997876	20510854	20819363	1.29	cps
Holmium	165-2	13253303	13274520	13356052	13294625	0.41	cps
Indium	115-1	16821339	16782987	16532013	16712113	0.94	cps
Indium	115-2	4788943	4929817	4919248	4879336	1.61	cps
Iron	56-2	212422	213652	214724	213600	0.54	cps
Iron	57-2	6128	5985	6078	6063	1.20	cps
Iron	54-2	12809	13319	13786	13305	3.67	cps
Krypton	83-1	173	183	170	176	3.95	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:01:13	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9233	9600	9473	9436	1.98	cps
Lead	207-1	8353	8419	8306	8359	0.68	cps
Lead	208-1	37884	38044	37637	37855	0.54	cps
Lithium	6-1	4656765	4654504	4548500	4619923	1.34	cps
Magnesium	24-2	236362	239087	236785	237411	0.62	cps
Manganese	55-2	3767	3781	4011	3853	3.55	cps
Molybdenum	94-1	23779	23549	24123	23817	1.21	cps
Molybdenum	95-1	29460	29343	29109	29304	0.61	cps
Molybdenum	96-1	32656	32005	32536	32399	1.07	cps
Molybdenum	97-1	17934	18338	18018	18097	1.18	cps
Molybdenum	98-1	47423	47183	46801	47136	0.67	cps
Neodymium	150-1	23	27	13	21	32.88	cps
Neodymium	150-2	7	10	17	11	45.82	cps
Nickel	60-2	2130	2144	2020	2098	3.23	cps
Phosphorus	31-2	1033	963	993	997	3.52	cps
Potassium	39-2	326725	329953	330178	328952	0.59	cps
Rhodium	103-1	15376859	15371367	15157985	15302070	0.82	cps
Rhodium	103-2	7962728	8105071	8097702	8055167	0.99	cps
Scandium	45-1	10442966	10340202	10208092	10330420	1.14	cps
Scandium	45-2	732997	740696	740781	738158	0.61	cps
Selenium	82-1	1043	1044	974	1020	3.89	cps
Selenium	77-2	97	103	73	91	17.29	cps
Selenium	78-2	537	477	460	491	8.21	cps
Silicon	28-1	458898	451475	452405	454259	0.89	cps
Silver	107-1	14668	14854	14321	14614	1.85	cps
Silver	109-1	13443	14087	14424	13985	3.56	cps
Sodium	23-2	434668	437890	436756	436438	0.37	cps
Strontium	86-1	3894	4127	3964	3995	3.00	cps
Strontium	88-1	33622	33421	34891	33978	2.35	cps
Sulfur	34-1	392379	392950	391856	392395	0.14	cps
Terbium	159-1	21483122	21320176	21364790	21389362	0.39	cps
Terbium	159-2	12957744	13150209	13207179	13105044	1.00	cps
Thallium	203-1	11068	10778	10798	10881	1.49	cps
Thallium	205-1	26673	25718	25815	26068	2.02	cps
Tin	118-1	50127	50462	49759	50116	0.70	cps
Titanium	47-1	8432	8186	8152	8257	1.85	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:01:13	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	31404	32309	32019	31910	1.45	cps
Vanadium	51-2	18111	17794	17640	17848	1.34	cps
Yttrium	89-1	26497073	26466509	26561483	26508355	0.18	cps
Yttrium	89-2	5550766	5596200	5525970	5557645	0.64	cps
Zinc	66-2	15641	15603	15564	15603	0.25	cps
Zirconium	90-1	19967	19563	19420	19650	1.44	cps
Zirconium	91-1	4407	4514	4541	4487	1.57	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:04:31	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	269233	269838	267358	268810	0.48	cps
Antimony	121-1	554912	555033	554496	554814	0.05	cps
Arsenic	75-2	23809	23709	24053	23857	0.74	cps
Barium	135-1	750135	755090	745797	750341	0.62	cps
Barium	137-1	1297320	1308793	1300985	1302366	0.45	cps
Beryllium	9-1	133749	134106	133799	133885	0.14	cps
Bismuth	209-1	12223928	12340163	12405096	12323062	0.74	cps
Bismuth	209-2	9029348	9030722	9086207	9048759	0.36	cps
Bromine	81-1	28377	28120	27870	28122	0.90	cps
Bromine	81-2	147	120	140	136	10.24	cps
Cadmium	108-1	12005	12159	11625	11929	2.30	cps
Cadmium	106-1	31544	30415	31063	31008	1.83	cps
Cadmium	111-1	164069	163610	165245	164308	0.51	cps
Calcium	43-1	208637	212591	209188	210139	1.02	cps
Calcium	44-1	3168653	3097047	3100154	3121951	1.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	219731	215599	214808	216713	1.22	cps
Cobalt	59-2	336867	338327	331933	335709	1.00	cps
Copper	63-2	2381059	2356335	2391670	2376355	0.76	cps
Dysprosium	156-1	77	70	97	81	17.11	cps
Dysprosium	156-2	90	77	83	83	8.00	cps
Erbium	164-1	127	140	177	148	17.52	cps
Erbium	164-2	117	103	117	112	6.86	cps
Gadolinium	160-1	230	210	220	220	4.55	cps
Gadolinium	160-2	863	803	837	834	3.60	cps
Holmium	165-1	20873489	20927743	21049365	20950199	0.43	cps
Holmium	165-2	13161819	13215043	13394731	13257198	0.92	cps
Indium	115-1	16566613	16713754	16591754	16624040	0.47	cps
Indium	115-2	4879538	4839570	4938647	4885918	1.02	cps
Iron	56-2	9485689	9470339	9442110	9466046	0.23	cps
Iron	57-2	246801	247187	251793	248594	1.12	cps
Iron	54-2	562782	563439	556913	561045	0.64	cps
Krypton	83-1	177	173	180	177	1.88	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:04:31	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2355636	2370110	2334598	2353448	0.76	cps
Lead	207-1	2023166	2077793	2028187	2043048	1.48	cps
Lead	208-1	9264446	9439998	9280473	9328306	1.04	cps
Lithium	6-1	4619180	4664640	4600270	4628030	0.71	cps
Magnesium	24-2	2438831	2413599	2411985	2421472	0.62	cps
Manganese	55-2	1577769	1606450	1571947	1585389	1.17	cps
Molybdenum	94-1	2059615	2093096	2063735	2072149	0.88	cps
Molybdenum	95-1	2960526	2979161	3000255	2979981	0.67	cps
Molybdenum	96-1	3230292	3272339	3244291	3248974	0.66	cps
Molybdenum	97-1	1826857	1834802	1829694	1830451	0.22	cps
Molybdenum	98-1	4744479	4755556	4703641	4734559	0.58	cps
Neodymium	150-1	127	120	90	112	17.41	cps
Neodymium	150-2	27	10	30	22	48.22	cps
Nickel	60-2	86756	86551	85592	86300	0.72	cps
Phosphorus	31-2	14153	14070	14210	14144	0.50	cps
Potassium	39-2	1296560	1314402	1315294	1308752	0.81	cps
Rhodium	103-1	15167179	15330540	14995413	15164377	1.11	cps
Rhodium	103-2	7997923	8031768	8099105	8042932	0.64	cps
Scandium	45-1	10190616	10082680	10051359	10108219	0.72	cps
Scandium	45-2	734016	731970	735340	733775	0.23	cps
Selenium	82-1	9944	10256	9909	10036	1.91	cps
Selenium	77-2	690	687	790	722	8.13	cps
Selenium	78-2	2720	2760	2947	2809	4.31	cps
Silicon	28-1	7634583	7684578	7612012	7643724	0.49	cps
Silver	107-1	759633	766141	763972	763249	0.43	cps
Silver	109-1	716239	730068	722063	722790	0.96	cps
Sodium	23-2	3934318	3983024	3937408	3951583	0.69	cps
Strontium	86-1	4810198	4912911	4821437	4848182	1.16	cps
Strontium	88-1	42393108	42513584	42193068	42366587	0.38	cps
Sulfur	34-1	446001	443744	440778	443507	0.59	cps
Terbium	159-1	21657410	21526686	21329583	21504559	0.77	cps
Terbium	159-2	13343781	13189866	13305401	13279683	0.60	cps
Thallium	203-1	542305	540806	545217	542776	0.41	cps
Thallium	205-1	1296759	1287126	1284212	1289365	0.51	cps
Tin	118-1	503072	507919	503429	504807	0.54	cps
Titanium	47-1	793375	795578	793804	794252	0.15	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:04:31	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1601152	1726408	1606336	1644632	4.31	cps
Vanadium	51-2	182219	182557	183217	182664	0.28	cps
Yttrium	89-1	26459791	26534846	26213403	26402680	0.64	cps
Yttrium	89-2	5450574	5507223	5642856	5533551	1.79	cps
Zinc	66-2	379734	381737	378736	380069	0.40	cps
Zirconium	90-1	1056062	1067412	1054996	1059490	0.65	cps
Zirconium	91-1	232931	237465	234579	234992	0.98	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:07:30	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	650848	648189	648565	649201	0.22	cps
Antimony	121-1	1365777	1379975	1373177	1372976	0.52	cps
Arsenic	75-2	58478	58679	57805	58321	0.78	cps
Barium	135-1	1943581	1960854	1960694	1955043	0.51	cps
Barium	137-1	3289249	3348983	3331830	3323354	0.93	cps
Beryllium	9-1	330488	329062	330122	329891	0.22	cps
Bismuth	209-1	11516028	12192585	12247570	11985394	3.40	cps
Bismuth	209-2	8981877	8856963	8902791	8913877	0.71	cps
Bromine	81-1	28421	27739	28074	28078	1.21	cps
Bromine	81-2	87	97	110	98	11.97	cps
Cadmium	108-1	29500	29467	29627	29531	0.29	cps
Cadmium	106-1	54786	55546	55449	55260	0.75	cps
Cadmium	111-1	390067	392900	390101	391023	0.42	cps
Calcium	43-1	515562	515441	511694	514232	0.43	cps
Calcium	44-1	7583108	7654727	7457118	7564984	1.32	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	530683	531076	532307	531356	0.16	cps
Cobalt	59-2	819470	817258	816708	817812	0.18	cps
Copper	63-2	5732322	5779872	5789856	5767350	0.53	cps
Dysprosium	156-1	183	103	160	149	27.64	cps
Dysprosium	156-2	113	137	180	143	23.60	cps
Erbium	164-1	167	190	173	177	6.80	cps
Erbium	164-2	97	113	113	108	8.93	cps
Gadolinium	160-1	177	233	323	244	30.26	cps
Gadolinium	160-2	843	933	873	883	5.19	cps
Holmium	165-1	19683386	20465007	20444457	20197617	2.21	cps
Holmium	165-2	13358283	13156386	13115840	13210170	0.98	cps
Indium	115-1	15387978	16286878	16347492	16007449	3.36	cps
Indium	115-2	4669738	4746315	4824679	4746911	1.63	cps
Iron	56-2	22758385	23056462	22933192	22916013	0.65	cps
Iron	57-2	607685	612322	608884	609630	0.39	cps
Iron	54-2	1364296	1363262	1353696	1360418	0.43	cps
Krypton	83-1	170	143	147	153	9.47	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:07:30	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5878248	5799664	5811696	5829869	0.73	cps
Lead	207-1	5042577	5077585	5104932	5075031	0.62	cps
Lead	208-1	22924500	23160941	22919531	23001657	0.60	cps
Lithium	6-1	4399222	4564603	4537465	4500430	1.97	cps
Magnesium	24-2	5942113	5869032	5836942	5882696	0.92	cps
Manganese	55-2	3828747	3888952	3788321	3835340	1.32	cps
Molybdenum	94-1	5094884	5074348	4968618	5045950	1.34	cps
Molybdenum	95-1	7322773	7314480	7196292	7277848	0.97	cps
Molybdenum	96-1	8000046	8030671	7908139	7979618	0.80	cps
Molybdenum	97-1	4549127	4606684	4475339	4543717	1.45	cps
Molybdenum	98-1	11955390	11750277	11510653	11738773	1.90	cps
Neodymium	150-1	337	230	317	294	19.26	cps
Neodymium	150-2	53	37	57	49	21.91	cps
Nickel	60-2	208583	212267	207880	209577	1.12	cps
Phosphorus	31-2	33530	33964	33483	33659	0.79	cps
Potassium	39-2	3054763	3081905	3086089	3074252	0.55	cps
Rhodium	103-1	14033157	14861597	14746186	14546980	3.08	cps
Rhodium	103-2	7910672	7774944	7844791	7843469	0.87	cps
Scandium	45-1	9448631	10201631	9967205	9872489	3.90	cps
Scandium	45-2	710941	705170	711058	709056	0.47	cps
Selenium	82-1	24930	25134	24940	25001	0.46	cps
Selenium	77-2	1960	1947	2097	2001	4.15	cps
Selenium	78-2	6695	6748	7152	6865	3.64	cps
Silicon	28-1	18080871	18169009	17878105	18042662	0.83	cps
Silver	107-1	1852113	1868306	1871102	1863840	0.55	cps
Silver	109-1	1774855	1778321	1766938	1773372	0.33	cps
Sodium	23-2	9673336	9543385	9599123	9605281	0.68	cps
Strontium	86-1	12064160	11946702	12019807	12010223	0.49	cps
Strontium	88-1	105910168	107412578	104192122	105838290	1.52	cps
Sulfur	34-1	524233	527560	523544	525112	0.41	cps
Terbium	159-1	20180731	21185206	21296141	20887359	2.94	cps
Terbium	159-2	12975189	12926406	13098966	13000187	0.68	cps
Thallium	203-1	1347974	1346858	1344441	1346424	0.13	cps
Thallium	205-1	3394626	3378428	3389157	3387404	0.24	cps
Tin	118-1	1246414	1244723	1232829	1241322	0.60	cps
Titanium	47-1	1952818	1979836	1965413	1966023	0.69	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:07:30	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4338710	4325943	4326970	4330541	0.16	cps
Vanadium	51-2	450859	448486	447271	448872	0.41	cps
Yttrium	89-1	24810746	25977758	25773380	25520628	2.44	cps
Yttrium	89-2	5467691	5350186	5424947	5414275	1.10	cps
Zinc	66-2	912577	912314	905030	909974	0.47	cps
Zirconium	90-1	2704460	2673957	2672141	2683519	0.68	cps
Zirconium	91-1	586092	590073	585016	587061	0.45	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:10:23	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1249162	1256329	1249939	1251810	0.31	cps
Antimony	121-1	2651375	2800856	2793879	2748703	3.07	cps
Arsenic	75-2	117369	114850	116701	116307	1.12	cps
Barium	135-1	3735300	3889057	3839586	3821314	2.05	cps
Barium	137-1	6436073	6626772	6702591	6588479	2.08	cps
Beryllium	9-1	625474	655942	636217	639211	2.42	cps
Bismuth	209-1	12886124	12517960	12622353	12675479	1.50	cps
Bismuth	209-2	8984228	8984540	8904997	8957922	0.51	cps
Bromine	81-1	27830	28935	28414	28393	1.95	cps
Bromine	81-2	127	130	140	132	5.25	cps
Cadmium	108-1	56004	59143	58685	57944	2.93	cps
Cadmium	106-1	94764	97729	94434	95642	1.90	cps
Cadmium	111-1	740641	760622	761583	754282	1.57	cps
Calcium	43-1	973428	1003804	1006360	994531	1.84	cps
Calcium	44-1	14472133	14869620	15005740	14782498	1.88	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1037082	1038294	1041173	1038850	0.20	cps
Cobalt	59-2	1603848	1610046	1606427	1606774	0.19	cps
Copper	63-2	11510399	11263553	11327969	11367307	1.13	cps
Dysprosium	156-1	247	240	263	250	4.81	cps
Dysprosium	156-2	207	263	240	237	12.03	cps
Erbium	164-1	237	243	237	239	1.61	cps
Erbium	164-2	123	140	160	141	13.01	cps
Gadolinium	160-1	383	487	367	412	15.77	cps
Gadolinium	160-2	1063	917	877	952	10.32	cps
Holmium	165-1	22680242	21248592	20810086	21579640	4.53	cps
Holmium	165-2	13583359	13391681	13308852	13427964	1.05	cps
Indium	115-1	17367498	16571826	16504137	16814487	2.86	cps
Indium	115-2	4826003	4743077	4757356	4775479	0.93	cps
Iron	56-2	45777694	45063713	45528911	45456773	0.80	cps
Iron	57-2	1196547	1197209	1196193	1196649	0.04	cps
Iron	54-2	2547386	2570008	2573796	2563730	0.56	cps
Krypton	83-1	183	180	173	179	2.85	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:10:23	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11217560	11667467	11487195	11457407	1.98	cps
Lead	207-1	9790902	10228649	9952573	9990708	2.22	cps
Lead	208-1	44474746	46470040	45746187	45563657	2.22	cps
Lithium	6-1	4840842	4661018	4509223	4670361	3.55	cps
Magnesium	24-2	11698505	11535855	11544990	11593117	0.79	cps
Manganese	55-2	7496981	7508450	7533027	7512819	0.25	cps
Molybdenum	94-1	9717155	10137367	10215608	10023377	2.67	cps
Molybdenum	95-1	13849025	14379439	14483695	14237386	2.39	cps
Molybdenum	96-1	15126826	15648776	15882155	15552586	2.49	cps
Molybdenum	97-1	8696226	8877300	9024433	8865986	1.85	cps
Molybdenum	98-1	22630587	23300125	23352434	23094382	1.74	cps
Neodymium	150-1	480	470	517	489	5.03	cps
Neodymium	150-2	113	123	103	113	8.82	cps
Nickel	60-2	411521	411219	412142	411628	0.11	cps
Phosphorus	31-2	65901	65553	66102	65852	0.42	cps
Potassium	39-2	6036695	6067185	5893856	5999245	1.54	cps
Rhodium	103-1	15879681	14900336	14901249	15227089	3.71	cps
Rhodium	103-2	7787155	7753504	7712133	7750931	0.48	cps
Scandium	45-1	10669839	10052508	10156142	10292830	3.21	cps
Scandium	45-2	715213	712381	707887	711827	0.52	cps
Selenium	82-1	47910	49047	49216	48724	1.46	cps
Selenium	77-2	3854	3891	3851	3865	0.57	cps
Selenium	78-2	12932	12946	12786	12888	0.69	cps
Silicon	28-1	33757744	34602817	34889069	34416543	1.71	cps
Silver	107-1	3537858	3581544	3608684	3576028	1.00	cps
Silver	109-1	3382080	3460971	3538033	3460361	2.25	cps
Sodium	23-2	19048198	18973046	18849773	18957006	0.53	cps
Strontium	86-1	22934510	23614050	23886795	23478452	2.09	cps
Strontium	88-1	202653037	209151690	211212770	207672499	2.15	cps
Sulfur	34-1	652995	659658	651680	654778	0.65	cps
Terbium	159-1	23139385	21931724	21679567	22250226	3.51	cps
Terbium	159-2	13232452	13375345	13431601	13346466	0.77	cps
Thallium	203-1	2792968	2865765	2792968	2817234	1.49	cps
Thallium	205-1	6584187	6789567	6690722	6688158	1.54	cps
Tin	118-1	2404053	2538012	2497274	2479780	2.77	cps
Titanium	47-1	3754052	3823050	3903737	3826947	1.96	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:10:23	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8447035	8691009	8614097	8584047	1.45	cps
Vanadium	51-2	893194	891390	888150	890911	0.29	cps
Yttrium	89-1	27978878	27248954	26442692	27223508	2.82	cps
Yttrium	89-2	5498697	5485199	5292135	5425344	2.13	cps
Zinc	66-2	1775570	1773569	1734290	1761143	1.32	cps
Zirconium	90-1	5060404	5374319	5194308	5209677	3.02	cps
Zirconium	91-1	1121606	1170742	1173237	1155195	2.52	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:13:09	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2462706	2520556	2427858	2470373	1.90	cps
Antimony	121-1	5309126	5477806	5516734	5434555	2.03	cps
Arsenic	75-2	229948	230371	228950	229757	0.32	cps
Barium	135-1	7325669	7599152	7676316	7533712	2.45	cps
Barium	137-1	12927054	13204129	13205897	13112360	1.22	cps
Beryllium	9-1	1151412	1196408	1206299	1184706	2.47	cps
Bismuth	209-1	12122990	12017181	11975932	12038701	0.63	cps
Bismuth	209-2	8606990	8656252	8581932	8615058	0.44	cps
Bromine	81-1	28227	29129	29106	28821	1.78	cps
Bromine	81-2	123	157	147	142	12.03	cps
Cadmium	108-1	110521	114622	114444	113195	2.05	cps
Cadmium	106-1	172481	175736	177423	175213	1.43	cps
Cadmium	111-1	1439932	1492260	1491303	1474498	2.03	cps
Calcium	43-1	1878017	1921324	1933049	1910797	1.52	cps
Calcium	44-1	28469595	29360717	29878724	29236345	2.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2076387	2027119	2002871	2035459	1.84	cps
Cobalt	59-2	3100179	3178131	3107880	3128730	1.37	cps
Copper	63-2	22021915	22212481	21902786	22045727	0.71	cps
Dysprosium	156-1	427	470	540	479	11.94	cps
Dysprosium	156-2	487	573	520	527	8.30	cps
Erbium	164-1	247	280	263	263	6.33	cps
Erbium	164-2	147	177	173	166	9.93	cps
Gadolinium	160-1	510	467	580	519	11.02	cps
Gadolinium	160-2	983	960	1037	993	3.96	cps
Holmium	165-1	20659698	20804519	20682898	20715705	0.38	cps
Holmium	165-2	13197524	13118832	13160790	13159049	0.30	cps
Indium	115-1	16387415	15823331	15992554	16067767	1.80	cps
Indium	115-2	4573923	4565902	4643145	4594323	0.92	cps
Iron	56-2	89659712	89919309	87764499	89114506	1.32	cps
Iron	57-2	2246646	2271839	2241815	2253433	0.72	cps
Iron	54-2	5100706	5004118	5071619	5058814	0.98	cps
Krypton	83-1	210	167	250	209	19.95	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:13:09	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	22511950	23273710	23037913	22941191	1.70	cps
Lead	207-1	19418034	20019214	20111121	19849457	1.90	cps
Lead	208-1	89060582	91884287	92064097	91002988	1.85	cps
Lithium	6-1	4440074	4423939	4502505	4455506	0.93	cps
Magnesium	24-2	22677456	22682337	22655788	22671860	0.06	cps
Manganese	55-2	14894539	15063237	14643285	14867020	1.42	cps
Molybdenum	94-1	19584556	20283680	20308215	20058817	2.05	cps
Molybdenum	95-1	28239199	28605156	28925727	28590027	1.20	cps
Molybdenum	96-1	30706853	31403655	31506870	31205793	1.39	cps
Molybdenum	97-1	17527490	18074814	17969499	17857268	1.63	cps
Molybdenum	98-1	44798211	46840994	46286803	45975336	2.30	cps
Neodymium	150-1	850	937	860	882	5.37	cps
Neodymium	150-2	190	170	183	181	5.62	cps
Nickel	60-2	797817	794569	793197	795194	0.30	cps
Phosphorus	31-2	128497	128554	128941	128664	0.19	cps
Potassium	39-2	11872083	11732051	11716611	11773581	0.73	cps
Rhodium	103-1	14338282	14392742	14282454	14337826	0.38	cps
Rhodium	103-2	7542701	7382655	7623460	7516272	1.63	cps
Scandium	45-1	9793263	9793572	9779067	9788634	0.08	cps
Scandium	45-2	696975	698522	691187	695561	0.56	cps
Selenium	82-1	93567	95708	95768	95014	1.32	cps
Selenium	77-2	7379	7339	7469	7395	0.90	cps
Selenium	78-2	25218	25325	25242	25262	0.22	cps
Silicon	28-1	64676531	66531511	66022771	65743604	1.46	cps
Silver	107-1	6983093	7085499	7105656	7058083	0.93	cps
Silver	109-1	6664775	6870199	6839577	6791517	1.63	cps
Sodium	23-2	37337179	37599251	36514029	37150153	1.52	cps
Strontium	86-1	45920188	47292449	47542444	46918360	1.86	cps
Strontium	88-1	406281754	421301247	419816567	415799856	1.99	cps
Sulfur	34-1	912702	918780	914278	915254	0.34	cps
Terbium	159-1	21721365	21472420	21630371	21608052	0.58	cps
Terbium	159-2	13147073	13134286	13248338	13176566	0.47	cps
Thallium	203-1	5553973	5609133	5596431	5586512	0.52	cps
Thallium	205-1	13342866	13546590	13483390	13457615	0.77	cps
Tin	118-1	4794583	4974754	4973312	4914216	2.11	cps
Titanium	47-1	7455598	7707024	7840854	7667825	2.55	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:13:09	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17030027	17432634	17385533	17282731	1.27	cps
Vanadium	51-2	1760691	1768651	1761277	1763540	0.25	cps
Yttrium	89-1	26097040	26024460	26307663	26143054	0.56	cps
Yttrium	89-2	5345458	5337731	5414530	5365906	0.79	cps
Zinc	66-2	3381970	3344635	3328366	3351657	0.82	cps
Zirconium	90-1	10074444	10472956	10463378	10336926	2.20	cps
Zirconium	91-1	2271732	2317101	2348696	2312510	1.67	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:15:57	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4901023	4796042	4838475	4845180	1.09	cps
Antimony	121-1	10439025	11022884	10821634	10761181	2.76	cps
Arsenic	75-2	451480	448237	451359	450358	0.41	cps
Barium	135-1	14482731	15384414	15176561	15014569	3.14	cps
Barium	137-1	25068796	26550793	26539867	26053152	3.27	cps
Beryllium	9-1	2215230	2359047	2296901	2290393	3.15	cps
Bismuth	209-1	12126653	11863506	11917575	11969245	1.16	cps
Bismuth	209-2	8672111	8850761	8634274	8719049	1.33	cps
Bromine	81-1	29313	28367	29172	28951	1.76	cps
Bromine	81-2	173	157	167	166	5.07	cps
Cadmium	108-1	214053	221985	222572	219537	2.17	cps
Cadmium	106-1	315926	329787	331487	325733	2.62	cps
Cadmium	111-1	2775521	2891978	2931109	2866203	2.82	cps
Calcium	43-1	3670367	3809391	3804663	3761474	2.10	cps
Calcium	44-1	55688728	58043617	58949986	57560777	2.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3973260	3967827	3977922	3973003	0.13	cps
Cobalt	59-2	6143732	6118670	6169766	6144056	0.42	cps
Copper	63-2	43111751	42738703	43005848	42952100	0.45	cps
Dysprosium	156-1	1003	1063	1033	1033	2.90	cps
Dysprosium	156-2	1127	1010	1153	1097	6.95	cps
Erbium	164-1	393	377	420	397	5.51	cps
Erbium	164-2	257	283	233	258	9.71	cps
Gadolinium	160-1	953	987	880	940	5.81	cps
Gadolinium	160-2	1330	1370	1387	1362	2.14	cps
Holmium	165-1	21640375	21297259	21064462	21334032	1.36	cps
Holmium	165-2	13535911	13857866	13526075	13639951	1.38	cps
Indium	115-1	16373783	15906363	15645034	15975060	2.31	cps
Indium	115-2	4698111	4785383	4640859	4708118	1.55	cps
Iron	56-2	177875611	175937364	176228651	176680542	0.59	cps
Iron	57-2	4448209	4385570	4389725	4407835	0.79	cps
Iron	54-2	9829469	9955204	9983120	9922598	0.82	cps
Krypton	83-1	227	193	193	204	9.41	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:15:57	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	43760451	45619734	46045123	45141769	2.69	cps
Lead	207-1	37951737	39857072	39717605	39175471	2.71	cps
Lead	208-1	173217460	181259725	181587026	178688070	2.65	cps
Lithium	6-1	4517665	4378630	4303803	4400033	2.47	cps
Magnesium	24-2	44985378	44965249	44647151	44865926	0.42	cps
Manganese	55-2	29370439	29416126	29376615	29387727	0.08	cps
Molybdenum	94-1	38653059	40133274	40287338	39691224	2.27	cps
Molybdenum	95-1	54709686	57990511	57670232	56790143	3.19	cps
Molybdenum	96-1	59667644	62542917	63328989	61846517	3.12	cps
Molybdenum	97-1	34305299	35424855	35948334	35226163	2.38	cps
Molybdenum	98-1	89507542	92524402	92888535	91640160	2.03	cps
Neodymium	150-1	1773	1910	1823	1836	3.77	cps
Neodymium	150-2	360	380	397	379	4.85	cps
Nickel	60-2	1565526	1568520	1591139	1575062	0.89	cps
Phosphorus	31-2	252240	254245	254725	253737	0.52	cps
Potassium	39-2	23328160	23458744	23363480	23383461	0.29	cps
Rhodium	103-1	14652601	14001822	13886271	14180231	2.91	cps
Rhodium	103-2	7597880	7918392	7588002	7701424	2.44	cps
Scandium	45-1	10071315	9907856	9892805	9957325	0.99	cps
Scandium	45-2	710335	726491	715867	717565	1.14	cps
Selenium	82-1	178368	186104	187107	183859	2.60	cps
Selenium	77-2	14170	14567	14764	14501	2.09	cps
Selenium	78-2	49496	49529	48258	49094	1.48	cps
Silicon	28-1	124275121	126005018	124819318	125033153	0.71	cps
Silver	107-1	13294356	14012120	13849906	13718794	2.74	cps
Silver	109-1	12764487	13417644	13262172	13148101	2.59	cps
Sodium	23-2	74525002	73139614	73930017	73864878	0.94	cps
Strontium	86-1	91761445	95117482	95115895	93998274	2.06	cps
Strontium	88-1	801780868	832862521	833726441	822789943	2.21	cps
Sulfur	34-1	1535729	1573164	1551650	1553514	1.21	cps
Terbium	159-1	22261655	21936023	21636381	21944686	1.43	cps
Terbium	159-2	13489246	13583451	13606059	13559585	0.46	cps
Thallium	203-1	10667373	11115255	11109779	10964135	2.34	cps
Thallium	205-1	25918569	26749288	26573874	26413910	1.66	cps
Tin	118-1	9368695	9756701	9725732	9617043	2.24	cps
Titanium	47-1	14527824	15258043	15260622	15015496	2.81	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:15:57	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	33145611	34775568	35074105	34331761	3.02	cps
Vanadium	51-2	3450634	3487894	3534018	3490849	1.20	cps
Yttrium	89-1	26908440	26244459	26212442	26455113	1.49	cps
Yttrium	89-2	5470592	5675264	5566448	5570768	1.84	cps
Zinc	66-2	6480091	6500229	6453348	6477889	0.36	cps
Zirconium	90-1	20134231	20947552	21157937	20746573	2.61	cps
Zirconium	91-1	4457372	4658613	4661811	4592599	2.55	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:18:42	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22441211	22310982	22492687	22414960	0.42	cps
Antimony	121-1	6952	7155	6898	7002	1.94	cps
Arsenic	75-2	187	187	153	176	10.96	cps
Barium	135-1	8182	8189	7819	8063	2.63	cps
Barium	137-1	14314	14097	13747	14053	2.04	cps
Beryllium	9-1	1073	900	847	940	12.61	cps
Bismuth	209-1	9969822	9888385	9819289	9892498	0.76	cps
Bismuth	209-2	7284200	7277540	7152585	7238108	1.02	cps
Bromine	81-1	31968	31661	31998	31876	0.59	cps
Bromine	81-2	557	527	560	548	3.35	cps
Cadmium	108-1	180	207	153	180	14.81	cps
Cadmium	106-1	12629	12659	12439	12576	0.95	cps
Cadmium	111-1	10041	10213	9890	10048	1.61	cps
Calcium	43-1	15495216	16053204	15813424	15787281	1.77	cps
Calcium	44-1	251705596	254707263	254493790	253635550	0.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13660	13393	13790	13614	1.49	cps
Cobalt	59-2	16653	16372	16369	16465	0.99	cps
Copper	63-2	12752	12332	12612	12565	1.70	cps
Dysprosium	156-1	2630	2437	2380	2482	5.28	cps
Dysprosium	156-2	1547	1603	1630	1593	2.67	cps
Erbium	164-1	483	403	410	432	10.27	cps
Erbium	164-2	257	267	277	267	3.75	cps
Gadolinium	160-1	2700	2717	2914	2777	4.27	cps
Gadolinium	160-2	2460	2540	2384	2461	3.18	cps
Holmium	165-1	19419878	19115061	19219888	19251609	0.80	cps
Holmium	165-2	12306806	12331359	12072731	12236965	1.17	cps
Indium	115-1	14241267	14304187	14162096	14235850	0.50	cps
Indium	115-2	4241303	4252505	4247591	4247133	0.13	cps
Iron	56-2	808720068	807347188	807533028	807866761	0.09	cps
Iron	57-2	20053406	20103625	20335077	20164036	0.75	cps
Iron	54-2	44248048	44439758	44464343	44384049	0.27	cps
Krypton	83-1	270	180	320	257	27.64	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:18:42	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	22222	22212	21093	21842	2.97	cps
Lead	207-1	19401	18459	17758	18539	4.44	cps
Lead	208-1	88165	86301	82398	85621	3.44	cps
Lithium	6-1	4061249	4050353	4016304	4042635	0.58	cps
Magnesium	24-2	210278044	207403010	212017404	209899486	1.11	cps
Manganese	55-2	17934	17861	17504	17766	1.30	cps
Molybdenum	94-1	9970	9080	8896	9315	6.17	cps
Molybdenum	95-1	10807	9303	8943	9684	10.21	cps
Molybdenum	96-1	25152	22955	23065	23724	5.22	cps
Molybdenum	97-1	6798	6335	5604	6246	9.64	cps
Molybdenum	98-1	16823	14584	13296	14901	11.98	cps
Neodymium	150-1	403	463	490	452	9.82	cps
Neodymium	150-2	230	267	227	241	9.21	cps
Nickel	60-2	5971	5898	6015	5961	0.99	cps
Phosphorus	31-2	767	700	823	763	8.09	cps
Potassium	39-2	109676792	108120168	109112142	108969701	0.72	cps
Rhodium	103-1	12226865	12224286	12003517	12151556	1.06	cps
Rhodium	103-2	6470456	6491334	6548022	6503271	0.62	cps
Scandium	45-1	9237566	9369074	9245456	9284032	0.79	cps
Scandium	45-2	667645	661723	662328	663899	0.49	cps
Selenium	82-1	1026	1148	1031	1068	6.48	cps
Selenium	77-2	67	80	47	64	26.03	cps
Selenium	78-2	423	427	497	449	9.23	cps
Silicon	28-1	822558	883730	878908	861732	3.95	cps
Silver	107-1	2944	2767	2310	2674	12.23	cps
Silver	109-1	2647	2407	2204	2419	9.18	cps
Sodium	23-2	343842168	340864955	345722755	343476626	0.71	cps
Strontium	86-1	11952	10480	9590	10674	11.17	cps
Strontium	88-1	103579	88665	83978	92074	11.12	cps
Sulfur	34-1	339517	343889	346710	343372	1.06	cps
Terbium	159-1	19754230	19855532	19718234	19775999	0.36	cps
Terbium	159-2	12159629	12342103	12183043	12228258	0.81	cps
Thallium	203-1	3040	2460	2370	2624	13.86	cps
Thallium	205-1	6688	5915	5555	6053	9.57	cps
Tin	118-1	6268	5941	6021	6077	2.80	cps
Titanium	47-1	2357	2244	2380	2327	3.14	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:18:42	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5848	5575	5058	5493	7.31	cps
Vanadium	51-2	1030	1170	1167	1122	7.12	cps
Yttrium	89-1	23924408	23859004	23887973	23890462	0.14	cps
Yttrium	89-2	5060662	5012083	5066107	5046284	0.59	cps
Zinc	66-2	16309	15988	15837	16045	1.50	cps
Zirconium	90-1	9310	9070	8573	8984	4.18	cps
Zirconium	91-1	1930	1977	2040	1982	2.79	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	ICV24	Instrumnet Name :	P7
Client Sample ID :	ICV24	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:36:00	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	131881	132110	132587	132192	0.27	cps
Antimony	121-1	2170711	2195551	2159464	2175242	0.85	cps
Arsenic	75-2	95340	95538	95320	95400	0.13	cps
Barium	135-1	296311	297774	297743	297276	0.28	cps
Barium	137-1	516603	515379	513753	515245	0.28	cps
Beryllium	9-1	260846	259976	258471	259765	0.46	cps
Bismuth	209-1	12239350	12338061	12096642	12224684	0.99	cps
Bismuth	209-2	8943499	9082877	9034010	9020129	0.78	cps
Bromine	81-1	29216	28925	30549	29563	2.93	cps
Bromine	81-2	123	113	137	124	9.41	cps
Cadmium	108-1	19667	20174	19867	19903	1.28	cps
Cadmium	106-1	40620	41031	40764	40805	0.51	cps
Cadmium	111-1	309859	311496	309283	310212	0.37	cps
Calcium	43-1	72559	72224	72988	72590	0.53	cps
Calcium	44-1	1166975	1175401	1174689	1172355	0.40	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	423131	423193	423136	423153	0.01	cps
Cobalt	59-2	664647	658492	668323	663821	0.75	cps
Copper	63-2	461023	461117	457376	459839	0.46	cps
Dysprosium	156-1	37	43	37	39	9.89	cps
Dysprosium	156-2	43	27	27	32	29.85	cps
Erbium	164-1	140	170	157	156	9.66	cps
Erbium	164-2	117	113	93	108	11.71	cps
Gadolinium	160-1	230	150	193	191	20.95	cps
Gadolinium	160-2	883	757	833	824	7.74	cps
Holmium	165-1	20859401	21129010	20640997	20876469	1.17	cps
Holmium	165-2	13185668	13128230	13191271	13168390	0.26	cps
Indium	115-1	17057512	16675641	16758222	16830458	1.19	cps
Indium	115-2	4858365	4850083	4851437	4853295	0.09	cps
Iron	56-2	7341904	7238905	7230134	7270314	0.85	cps
Iron	57-2	194691	192769	191974	193145	0.72	cps
Iron	54-2	443725	440102	438765	440864	0.58	cps
Krypton	83-1	170	217	183	190	12.65	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	ICV24	Instrumnet Name :	P7
Client Sample ID :	ICV24	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:36:00	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2030146	2008688	1991725	2010186	0.96	cps
Lead	207-1	1591313	1596271	1578050	1588545	0.59	cps
Lead	208-1	7746159	7753974	7671790	7723974	0.59	cps
Lithium	6-1	4718424	4614038	4561807	4631423	1.72	cps
Magnesium	24-2	538230	533692	533088	535003	0.53	cps
Manganese	55-2	314833	313986	310706	313175	0.70	cps
Molybdenum	94-1	3220	3110	3177	3169	1.75	cps
Molybdenum	95-1	5051	4801	4674	4842	3.96	cps
Molybdenum	96-1	5268	5738	5201	5402	5.42	cps
Molybdenum	97-1	3027	2990	3290	3103	5.28	cps
Molybdenum	98-1	8009	7699	7992	7900	2.21	cps
Neodymium	150-1	33	53	57	48	26.42	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	180796	177264	178833	178964	0.99	cps
Phosphorus	31-2	737	703	713	718	2.38	cps
Potassium	39-2	1066563	1070820	1060157	1065846	0.50	cps
Rhodium	103-1	15286467	15449969	15098367	15278268	1.15	cps
Rhodium	103-2	8053944	7933937	8024434	8004105	0.78	cps
Scandium	45-1	10188654	10118865	9984611	10097377	1.03	cps
Scandium	45-2	723155	722842	724544	723513	0.13	cps
Selenium	82-1	40233	40657	40467	40452	0.52	cps
Selenium	77-2	3204	3337	3107	3216	3.59	cps
Selenium	78-2	10764	10394	10791	10649	2.08	cps
Silicon	28-1	385288	385139	389720	386715	0.67	cps
Silver	107-1	725048	730783	724928	726919	0.46	cps
Silver	109-1	690575	696719	698070	695121	0.57	cps
Sodium	23-2	1568995	1559913	1524377	1551095	1.52	cps
Strontium	86-1	1520	1530	1507	1519	0.77	cps
Strontium	88-1	11038	11128	10877	11014	1.15	cps
Sulfur	34-1	374657	376391	375524	375524	0.23	cps
Terbium	159-1	21551790	21280556	21047852	21293399	1.18	cps
Terbium	159-2	13412787	13083044	13155147	13216993	1.31	cps
Thallium	203-1	2420816	2380094	2357507	2386139	1.34	cps
Thallium	205-1	5662670	5673524	5583292	5639829	0.87	cps
Tin	118-1	2287	2307	2050	2215	6.45	cps
Titanium	47-1	323	307	1625	752	100.62	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	ICV24	Instrumnet Name :	P7
Client Sample ID :	ICV24	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:36:00	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1400	1437	1393	1410	1.65	cps
Vanadium	51-2	354218	349964	353591	352591	0.65	cps
Yttrium	89-1	26423911	26537487	26423685	26461694	0.25	cps
Yttrium	89-2	5561166	5477374	5491785	5510108	0.81	cps
Zinc	66-2	143817	140934	141257	142003	1.11	cps
Zirconium	90-1	1363	1377	1280	1340	3.91	cps
Zirconium	91-1	483	543	523	517	5.91	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:50:48	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5238	5755	5608	5533	4.82	cps
Antimony	121-1	19744	19874	20294	19971	1.44	cps
Arsenic	75-2	470	527	437	478	9.52	cps
Barium	135-1	25540	26344	25947	25944	1.55	cps
Barium	137-1	45061	45586	45921	45523	0.95	cps
Beryllium	9-1	2690	2747	2764	2734	1.41	cps
Bismuth	209-1	12378749	12218392	12051417	12216186	1.34	cps
Bismuth	209-2	8956527	8852883	8929347	8912919	0.60	cps
Bromine	81-1	29052	29313	29536	29300	0.83	cps
Bromine	81-2	107	107	113	109	3.54	cps
Cadmium	108-1	237	253	237	242	3.97	cps
Cadmium	106-1	14247	14000	13777	14008	1.68	cps
Cadmium	111-1	12634	12216	12405	12419	1.69	cps
Calcium	43-1	18204	18108	17841	18051	1.04	cps
Calcium	44-1	297868	299379	299917	299054	0.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9436	9710	9743	9630	1.75	cps
Cobalt	59-2	6622	6275	6361	6419	2.81	cps
Copper	63-2	10424	10851	10097	10457	3.62	cps
Dysprosium	156-1	33	23	37	31	22.31	cps
Dysprosium	156-2	17	23	23	21	18.21	cps
Erbium	164-1	113	187	173	158	24.76	cps
Erbium	164-2	83	97	107	96	12.25	cps
Gadolinium	160-1	207	220	193	207	6.45	cps
Gadolinium	160-2	807	817	837	820	1.86	cps
Holmium	165-1	20586171	20852558	20660880	20699870	0.66	cps
Holmium	165-2	13086196	12954909	12939621	12993576	0.62	cps
Indium	115-1	16880939	16605542	16771712	16752731	0.83	cps
Indium	115-2	4811848	4759589	4828514	4799984	0.75	cps
Iron	56-2	199067	195296	197416	197260	0.96	cps
Iron	57-2	5594	5861	5718	5724	2.33	cps
Iron	54-2	12725	12192	12442	12453	2.14	cps
Krypton	83-1	187	193	173	184	5.52	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:50:48	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8776	9013	9043	8944	1.63	cps
Lead	207-1	7682	7776	7909	7789	1.46	cps
Lead	208-1	35385	35922	35672	35660	0.75	cps
Lithium	6-1	4709124	4636258	4597292	4647558	1.22	cps
Magnesium	24-2	220258	216843	217069	218057	0.88	cps
Manganese	55-2	3827	3737	3700	3755	1.74	cps
Molybdenum	94-1	21746	22187	21636	21856	1.33	cps
Molybdenum	95-1	27399	27179	27185	27254	0.46	cps
Molybdenum	96-1	29273	29917	29987	29726	1.33	cps
Molybdenum	97-1	16346	17000	16683	16676	1.96	cps
Molybdenum	98-1	42535	43130	43401	43022	1.03	cps
Neodymium	150-1	20	10	17	16	32.73	cps
Neodymium	150-2	10	10	0	7	86.60	cps
Nickel	60-2	1943	1960	1927	1943	0.86	cps
Phosphorus	31-2	1043	940	930	971	6.46	cps
Potassium	39-2	309620	308999	310605	309742	0.26	cps
Rhodium	103-1	15291186	15166705	15119596	15192496	0.58	cps
Rhodium	103-2	8026574	7914620	7905899	7949031	0.85	cps
Scandium	45-1	10284524	10243589	10080999	10203037	1.06	cps
Scandium	45-2	725506	726477	721774	724586	0.34	cps
Selenium	82-1	939	925	1003	956	4.35	cps
Selenium	77-2	63	67	90	73	19.81	cps
Selenium	78-2	417	473	397	429	9.27	cps
Silicon	28-1	436869	434181	436685	435911	0.34	cps
Silver	107-1	12519	13083	13370	12991	3.33	cps
Silver	109-1	12532	12352	13510	12798	4.87	cps
Sodium	23-2	417084	416098	418009	417064	0.23	cps
Strontium	86-1	3577	3734	3714	3675	2.32	cps
Strontium	88-1	30933	31070	31531	31178	1.00	cps
Sulfur	34-1	380781	385522	385524	383942	0.71	cps
Terbium	159-1	21693593	21028587	21081576	21267919	1.74	cps
Terbium	159-2	12949145	12971714	12831056	12917305	0.58	cps
Thallium	203-1	9834	10121	10274	10076	2.22	cps
Thallium	205-1	23594	24345	23894	23944	1.58	cps
Tin	118-1	45522	46933	45201	45885	2.01	cps
Titanium	47-1	7308	7785	7829	7641	3.78	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 17:50:48	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	29236	28798	29286	29106	0.92	cps
Vanadium	51-2	16282	16085	16439	16269	1.09	cps
Yttrium	89-1	26515935	26283256	26119325	26306172	0.76	cps
Yttrium	89-2	5464919	5465474	5437076	5455823	0.30	cps
Zinc	66-2	15884	15246	15323	15484	2.25	cps
Zirconium	90-1	18595	18525	18315	18478	0.79	cps
Zirconium	91-1	4041	4051	3977	4023	0.99	cps

LB Number : LB127138 Operator : Jaswal
 Lab Sample ID : ICB24 Instrumnet Name : P7
 Client Sample ID : ICB24 Dilution Factor : 1
 Date & Time Acquired : 2023-09-05 18:00:35 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	520	497	500	506	2.50	cps
Antimony	121-1	393	477	450	440	9.67	cps
Arsenic	75-2	17	20	13	17	20.01	cps
Barium	135-1	200	190	140	177	18.20	cps
Barium	137-1	313	330	270	304	10.17	cps
Beryllium	9-1	287	290	257	278	6.61	cps
Bismuth	209-1	12175207	12138682	12012270	12108720	0.71	cps
Bismuth	209-2	8952615	8837441	8957360	8915805	0.76	cps
Bromine	81-1	28982	29042	28671	28898	0.69	cps
Bromine	81-2	113	100	143	119	18.67	cps
Cadmium	108-1	50	40	30	40	25.00	cps
Cadmium	106-1	13857	13650	13500	13669	1.31	cps
Cadmium	111-1	9788	9587	9512	9629	1.48	cps
Calcium	43-1	1617	1513	1657	1596	4.64	cps
Calcium	44-1	34991	34917	34763	34890	0.33	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1680	1577	1820	1692	7.22	cps
Cobalt	59-2	303	290	373	322	13.89	cps
Copper	63-2	1883	1993	1787	1888	5.48	cps
Dysprosium	156-1	33	17	23	24	34.31	cps
Dysprosium	156-2	7	33	20	20	66.65	cps
Erbium	164-1	123	103	140	122	15.02	cps
Erbium	164-2	97	100	107	101	5.04	cps
Gadolinium	160-1	177	217	220	204	11.79	cps
Gadolinium	160-2	887	883	833	868	3.44	cps
Holmium	165-1	20612383	20467600	20479991	20519991	0.39	cps
Holmium	165-2	13026701	12988689	13080878	13032089	0.36	cps
Indium	115-1	16725725	16595449	16477935	16599703	0.75	cps
Indium	115-2	4819481	4801424	4845220	4822042	0.46	cps
Iron	56-2	16412	16299	16783	16498	1.53	cps
Iron	57-2	1037	1163	1090	1097	5.80	cps
Iron	54-2	1960	2144	2000	2035	4.74	cps
Krypton	83-1	143	147	177	156	11.80	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	ICB24	Instrumnet Name :	P7
Client Sample ID :	ICB24	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 18:00:35	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1430	1493	1210	1378	10.79	cps
Lead	207-1	1317	1270	1073	1220	10.59	cps
Lead	208-1	5827	5557	5017	5467	7.54	cps
Lithium	6-1	4784144	4614080	4605841	4668022	2.16	cps
Magnesium	24-2	1067	1140	1340	1182	11.97	cps
Manganese	55-2	607	667	717	663	8.30	cps
Molybdenum	94-1	427	447	453	442	3.14	cps
Molybdenum	95-1	203	217	180	200	9.28	cps
Molybdenum	96-1	327	290	243	287	14.57	cps
Molybdenum	97-1	130	107	107	114	11.77	cps
Molybdenum	98-1	313	260	313	296	10.42	cps
Neodymium	150-1	3	10	3	6	69.34	cps
Neodymium	150-2	7	20	10	12	56.76	cps
Nickel	60-2	293	313	223	277	17.08	cps
Phosphorus	31-2	707	700	653	687	4.23	cps
Potassium	39-2	81647	82012	82023	81894	0.26	cps
Rhodium	103-1	15278239	15116666	15350664	15248523	0.79	cps
Rhodium	103-2	7906865	7911900	7856686	7891817	0.39	cps
Scandium	45-1	10261751	10253357	10197147	10237418	0.34	cps
Scandium	45-2	726326	722843	724443	724537	0.24	cps
Selenium	82-1	50	52	73	58	21.21	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	193	260	200	218	16.86	cps
Silicon	28-1	365230	363624	361119	363324	0.57	cps
Silver	107-1	267	363	277	302	17.59	cps
Silver	109-1	193	170	153	172	11.67	cps
Sodium	23-2	59923	59755	59829	59836	0.14	cps
Strontium	86-1	290	337	290	306	8.82	cps
Strontium	88-1	267	277	267	270	2.14	cps
Sulfur	34-1	385017	385428	386699	385714	0.23	cps
Terbium	159-1	21412596	20897186	20947302	21085694	1.35	cps
Terbium	159-2	12764717	12709569	12873567	12782618	0.65	cps
Thallium	203-1	603	680	640	641	5.98	cps
Thallium	205-1	1513	1420	1423	1452	3.65	cps
Tin	118-1	1870	2595	1880	2115	19.65	cps
Titanium	47-1	277	257	243	259	6.48	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	ICB24	Instrumnet Name :	P7
Client Sample ID :	ICB24	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 18:00:35	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1363	1267	1260	1297	4.46	cps
Vanadium	51-2	60	103	123	96	33.88	cps
Yttrium	89-1	26275090	26379243	26062512	26238948	0.62	cps
Yttrium	89-2	5432267	5451666	5410014	5431316	0.38	cps
Zinc	66-2	14353	14383	14324	14353	0.20	cps
Zirconium	90-1	1180	1013	970	1054	10.52	cps
Zirconium	91-1	183	190	180	184	2.76	cps

LB Number : LB127138 Operator : Jaswal
 Lab Sample ID : ICSA24 Instrumnet Name : P7
 Client Sample ID : ICSA24 Dilution Factor : 1
 Date & Time Acquired : 2023-09-05 18:03:54 DataFile Name : 021ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23048382	23024035	22614268	22895562	1.07	cps
Antimony	121-1	13436	14264	14367	14023	3.64	cps
Arsenic	75-2	143	220	203	189	21.35	cps
Barium	135-1	4037	4211	4227	4158	2.53	cps
Barium	137-1	7305	6955	7422	7227	3.36	cps
Beryllium	9-1	910	910	930	917	1.26	cps
Bismuth	209-1	11223162	11359918	11334402	11305827	0.64	cps
Bismuth	209-2	8249003	8273124	8294934	8272354	0.28	cps
Bromine	81-1	29977	30956	31540	30824	2.56	cps
Bromine	81-2	320	280	247	282	13.01	cps
Cadmium	108-1	2624	2514	2414	2517	4.17	cps
Cadmium	106-1	12876	12449	12312	12546	2.34	cps
Cadmium	111-1	10364	10285	10173	10274	0.93	cps
Calcium	43-1	3246040	3283511	3259926	3263159	0.58	cps
Calcium	44-1	52012768	52335448	51514026	51954080	0.80	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	80875	80587	79786	80416	0.70	cps
Cobalt	59-2	8036	8339	8112	8162	1.93	cps
Copper	63-2	34192	33270	33715	33726	1.37	cps
Dysprosium	156-1	80	100	43	74	38.61	cps
Dysprosium	156-2	57	23	27	36	51.64	cps
Erbium	164-1	227	230	207	221	5.71	cps
Erbium	164-2	83	90	123	99	21.68	cps
Gadolinium	160-1	247	197	190	211	14.67	cps
Gadolinium	160-2	720	890	843	818	10.74	cps
Holmium	165-1	20196524	20609104	20486224	20430617	1.04	cps
Holmium	165-2	12968845	13109454	12845297	12974532	1.02	cps
Indium	115-1	15571921	15749447	15506622	15609330	0.81	cps
Indium	115-2	4611605	4626417	4584024	4607349	0.47	cps
Iron	56-2	348121395	347790208	348121448	348011017	0.05	cps
Iron	57-2	8710279	8628442	8520122	8619614	1.11	cps
Iron	54-2	19354085	19241706	19319232	19305008	0.30	cps
Krypton	83-1	183	207	230	207	11.29	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	ICSA24	Instrumnet Name :	P7
Client Sample ID :	ICSA24	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 18:03:54	DataFile Name :	021ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	39089	38250	38799	38713	1.10	cps
Lead	207-1	30170	30778	29996	30315	1.35	cps
Lead	208-1	144808	144922	144940	144890	0.05	cps
Lithium	6-1	4534325	4436839	4396608	4455924	1.59	cps
Magnesium	24-2	41753848	41814646	41234319	41600938	0.77	cps
Manganese	55-2	24567	24490	24173	24410	0.86	cps
Molybdenum	94-1	6158963	6224325	6191138	6191475	0.53	cps
Molybdenum	95-1	10955551	11057858	11063561	11025657	0.55	cps
Molybdenum	96-1	11685574	11654407	11653570	11664517	0.16	cps
Molybdenum	97-1	6676598	6751109	6768817	6732175	0.73	cps
Molybdenum	98-1	17411642	17616475	17590608	17539575	0.64	cps
Neodymium	150-1	77	77	50	68	22.72	cps
Neodymium	150-2	27	50	20	32	48.88	cps
Nickel	60-2	8466	8886	8532	8628	2.62	cps
Phosphorus	31-2	1201864	1197330	1177070	1192088	1.11	cps
Potassium	39-2	45062456	44983733	44186409	44744199	1.08	cps
Rhodium	103-1	13859480	13860234	13711189	13810301	0.62	cps
Rhodium	103-2	7329757	7434518	7304510	7356262	0.94	cps
Scandium	45-1	9748685	9851716	9696693	9765698	0.81	cps
Scandium	45-2	695067	695701	692308	694359	0.26	cps
Selenium	82-1	65	38	48	50	27.27	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	157	197	187	180	11.56	cps
Silicon	28-1	520045	519419	515604	518356	0.46	cps
Silver	107-1	807	787	690	761	8.20	cps
Silver	109-1	737	607	713	686	10.11	cps
Sodium	23-2	72746146	72212564	71698062	72218924	0.73	cps
Strontium	86-1	126468	126158	125758	126128	0.28	cps
Strontium	88-1	1102694	1110240	1114533	1109156	0.54	cps
Sulfur	34-1	5895228	5912192	5814575	5873998	0.89	cps
Terbium	159-1	21051814	21115562	21196867	21121414	0.34	cps
Terbium	159-2	12988914	12885171	12848838	12907641	0.56	cps
Thallium	203-1	943	1047	1167	1052	10.62	cps
Thallium	205-1	2270	2467	2947	2561	13.59	cps
Tin	118-1	4117	3664	3614	3798	7.30	cps
Titanium	47-1	3110584	3146429	3080676	3112563	1.06	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	ICSA24	Instrumnet Name :	P7
Client Sample ID :	ICSA24	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 18:03:54	DataFile Name :	021ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1823	1677	1610	1703	6.41	cps
Vanadium	51-2	800	750	830	793	5.09	cps
Yttrium	89-1	25482130	25454415	25477253	25471266	0.06	cps
Yttrium	89-2	5332824	5341138	5314811	5329591	0.25	cps
Zinc	66-2	20204	19858	19484	19849	1.81	cps
Zirconium	90-1	1173	1357	1370	1300	8.45	cps
Zirconium	91-1	270	277	303	283	6.22	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	ICSAB24	Instrumnet Name :	P7
Client Sample ID :	ICSAB24	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 18:06:55	DataFile Name :	022ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23327103	23008864	22952158	23096042	0.88	cps
Antimony	121-1	225222	233481	230976	229893	1.84	cps
Arsenic	75-2	9463	9693	8883	9346	4.47	cps
Barium	135-1	63313	65262	64438	64338	1.52	cps
Barium	137-1	109935	111412	111251	110866	0.73	cps
Beryllium	9-1	49382	51702	50258	50447	2.32	cps
Bismuth	209-1	12423598	11547267	11526768	11832544	4.33	cps
Bismuth	209-2	8239200	8276745	8194579	8236841	0.50	cps
Bromine	81-1	31253	31808	32115	31725	1.38	cps
Bromine	81-2	210	257	240	236	10.04	cps
Cadmium	108-1	6118	6285	6091	6165	1.70	cps
Cadmium	106-1	18672	17724	17975	18124	2.71	cps
Cadmium	111-1	66188	67466	67863	67172	1.30	cps
Calcium	43-1	3361898	3398478	3354995	3371790	0.69	cps
Calcium	44-1	52800391	54603333	54285031	53896251	1.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	164091	163640	161700	163144	0.78	cps
Cobalt	59-2	132727	133104	132028	132620	0.41	cps
Copper	63-2	118854	119452	119556	119287	0.32	cps
Dysprosium	156-1	87	83	73	81	8.56	cps
Dysprosium	156-2	50	37	43	43	15.38	cps
Erbium	164-1	247	180	240	222	16.52	cps
Erbium	164-2	100	110	113	108	6.44	cps
Gadolinium	160-1	203	263	217	228	13.83	cps
Gadolinium	160-2	860	807	830	832	3.21	cps
Holmium	165-1	22818677	21326255	21370728	21838553	3.89	cps
Holmium	165-2	13096338	13104669	12931424	13044144	0.75	cps
Indium	115-1	17111899	16168488	16060339	16446909	3.52	cps
Indium	115-2	4546641	4617625	4608032	4590766	0.84	cps
Iron	56-2	351766555	352213635	348320288	350766826	0.61	cps
Iron	57-2	8766448	8722792	8680071	8723104	0.50	cps
Iron	54-2	19340545	19346128	19122284	19269653	0.66	cps
Krypton	83-1	193	260	210	221	15.69	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	ICSAB24	Instrumnet Name :	P7
Client Sample ID :	ICSAB24	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 18:06:55	DataFile Name :	022ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	207114	213258	207628	209333	1.63	cps
Lead	207-1	170706	175150	174736	173531	1.41	cps
Lead	208-1	795942	813775	805845	805187	1.11	cps
Lithium	6-1	4727670	4500437	4432735	4553614	3.39	cps
Magnesium	24-2	41754946	41962665	41532201	41749937	0.52	cps
Manganese	55-2	84428	84878	84039	84449	0.50	cps
Molybdenum	94-1	6371747	6440275	6412394	6408139	0.54	cps
Molybdenum	95-1	11244901	11349796	11352648	11315782	0.54	cps
Molybdenum	96-1	11915670	12235507	12150771	12100649	1.37	cps
Molybdenum	97-1	6936039	7057833	7016146	7003339	0.88	cps
Molybdenum	98-1	17837693	18241033	18134146	18070958	1.16	cps
Neodymium	150-1	90	63	67	73	19.81	cps
Neodymium	150-2	40	47	50	46	11.18	cps
Nickel	60-2	40043	40114	39953	40037	0.20	cps
Phosphorus	31-2	1240322	1226890	1211984	1226399	1.16	cps
Potassium	39-2	45814878	45560998	45527096	45634324	0.34	cps
Rhodium	103-1	15211532	14273612	14428341	14637828	3.44	cps
Rhodium	103-2	7426851	7473293	7417149	7439098	0.40	cps
Scandium	45-1	10783184	10080494	9937369	10267016	4.41	cps
Scandium	45-2	704833	702357	695781	700990	0.67	cps
Selenium	82-1	3941	3702	3961	3868	3.72	cps
Selenium	77-2	327	310	290	309	5.94	cps
Selenium	78-2	1257	1127	1123	1169	6.51	cps
Silicon	28-1	535438	547567	542457	541821	1.12	cps
Silver	107-1	265176	273341	272204	270240	1.64	cps
Silver	109-1	253639	260224	257791	257218	1.29	cps
Sodium	23-2	73345356	73274029	72798036	73139140	0.41	cps
Strontium	86-1	131249	133129	132362	132247	0.71	cps
Strontium	88-1	1142321	1174191	1154891	1157134	1.39	cps
Sulfur	34-1	5867923	6055514	6001548	5974995	1.62	cps
Terbium	159-1	23676239	22062431	21899126	22545932	4.36	cps
Terbium	159-2	13140632	13045302	13177905	13121280	0.52	cps
Thallium	203-1	209579	213613	210315	211169	1.02	cps
Thallium	205-1	499013	509804	505934	504917	1.08	cps
Tin	118-1	3524	3200	3324	3349	4.87	cps
Titanium	47-1	3192844	3223673	3260071	3225529	1.04	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	ICSAB24	Instrumnet Name :	P7
Client Sample ID :	ICSAB24	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 18:06:55	DataFile Name :	022ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1860	1770	1957	1862	5.01	cps
Vanadium	51-2	69794	70061	70169	70008	0.28	cps
Yttrium	89-1	28498391	26793918	26464682	27252330	4.01	cps
Yttrium	89-2	5434483	5357734	5358549	5383589	0.82	cps
Zinc	66-2	31593	32434	31670	31899	1.46	cps
Zirconium	90-1	1420	1417	1533	1457	4.56	cps
Zirconium	91-1	337	317	323	326	3.13	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 18:11:56	DataFile Name :	023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11975369	12141345	12155141	12090618	0.83	cps
Antimony	121-1	5274024	5408166	5369621	5350604	1.29	cps
Arsenic	75-2	229236	228600	230894	229577	0.52	cps
Barium	135-1	7527257	7570482	7663694	7587145	0.92	cps
Barium	137-1	12976432	13100636	13091018	13056029	0.53	cps
Beryllium	9-1	1169586	1183461	1172748	1175265	0.62	cps
Bismuth	209-1	10955000	11034751	10847048	10945600	0.86	cps
Bismuth	209-2	7815967	7946126	8058781	7940291	1.53	cps
Bromine	81-1	31303	31447	31744	31498	0.71	cps
Bromine	81-2	273	283	297	284	4.11	cps
Cadmium	108-1	106447	107713	107007	107056	0.59	cps
Cadmium	106-1	163586	169179	166260	166342	1.68	cps
Cadmium	111-1	1370245	1388077	1385828	1381383	0.70	cps
Calcium	43-1	8638231	8878430	8772325	8762995	1.37	cps
Calcium	44-1	136848808	139186265	138462228	138165767	0.87	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2046887	2011559	2049062	2035836	1.03	cps
Cobalt	59-2	3238886	3203358	3192530	3211591	0.76	cps
Copper	63-2	22020434	21993444	22006355	22006744	0.06	cps
Dysprosium	156-1	1487	1577	1543	1536	2.96	cps
Dysprosium	156-2	1237	1297	1233	1256	2.84	cps
Erbium	164-1	377	400	390	389	3.01	cps
Erbium	164-2	237	243	217	232	5.98	cps
Gadolinium	160-1	1810	1783	1667	1753	4.35	cps
Gadolinium	160-2	1607	1697	1683	1662	2.92	cps
Holmium	165-1	20628167	20833762	20786276	20749402	0.52	cps
Holmium	165-2	12867315	12852312	12855706	12858444	0.06	cps
Indium	115-1	15518935	15556296	15260798	15445343	1.04	cps
Indium	115-2	4374964	4466865	4441497	4427775	1.07	cps
Iron	56-2	432605700	438105060	439691353	436800705	0.85	cps
Iron	57-2	10913223	10954364	10861823	10909803	0.42	cps
Iron	54-2	23707101	23985621	24147413	23946712	0.93	cps
Krypton	83-1	340	287	243	290	16.70	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 18:11:56	DataFile Name :	023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	21615352	21894471	22009611	21839812	0.93	cps
Lead	207-1	18894153	18978399	19135515	19002689	0.64	cps
Lead	208-1	85339261	87330925	86875844	86515343	1.21	cps
Lithium	6-1	4261215	4286607	4236937	4261586	0.58	cps
Magnesium	24-2	112418202	114357682	113814778	113530221	0.88	cps
Manganese	55-2	14501546	14773725	14810219	14695163	1.15	cps
Molybdenum	94-1	20186176	20455621	20430841	20357546	0.73	cps
Molybdenum	95-1	29066286	29325450	29398906	29263547	0.60	cps
Molybdenum	96-1	31989565	32236642	32202677	32142961	0.42	cps
Molybdenum	97-1	17950543	18476876	17981824	18136414	1.63	cps
Molybdenum	98-1	46419889	47401539	46383336	46734922	1.24	cps
Neodymium	150-1	1127	1127	1147	1133	1.02	cps
Neodymium	150-2	293	310	317	307	3.92	cps
Nickel	60-2	790642	784671	788847	788053	0.39	cps
Phosphorus	31-2	125708	127005	126840	126518	0.56	cps
Potassium	39-2	56795669	58004382	58532357	57777470	1.54	cps
Rhodium	103-1	13619411	13591251	13367711	13526125	1.02	cps
Rhodium	103-2	7021123	7069407	6987752	7026094	0.58	cps
Scandium	45-1	10083451	9933277	9886835	9967854	1.03	cps
Scandium	45-2	689812	695842	698558	694737	0.64	cps
Selenium	82-1	92581	94691	94615	93962	1.27	cps
Selenium	77-2	7258	7292	7249	7266	0.31	cps
Selenium	78-2	24861	24370	24694	24642	1.01	cps
Silicon	28-1	78206857	79634477	79383809	79075048	0.96	cps
Silver	107-1	7025637	7033523	7039511	7032890	0.10	cps
Silver	109-1	6637739	6820432	6738621	6732264	1.36	cps
Sodium	23-2	180785017	182263011	186914257	183320762	1.74	cps
Strontium	86-1	47617613	47950416	48058414	47875481	0.48	cps
Strontium	88-1	420281007	427054767	417739674	421691816	1.14	cps
Sulfur	34-1	919319	922640	917694	919884	0.27	cps
Terbium	159-1	21231022	21496116	21095603	21274247	0.96	cps
Terbium	159-2	12789916	12690980	12696725	12725874	0.44	cps
Thallium	203-1	5342786	5366191	5393698	5367559	0.47	cps
Thallium	205-1	12756314	12886151	12731063	12791176	0.65	cps
Tin	118-1	4730929	4944260	4862547	4845912	2.22	cps
Titanium	47-1	7817179	7957939	7874064	7883061	0.90	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P7
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 18:11:56	DataFile Name :	023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16767776	17026491	17162879	16985715	1.18	cps
Vanadium	51-2	1775026	1788592	1791882	1785167	0.50	cps
Yttrium	89-1	25872675	25928346	25713599	25838207	0.43	cps
Yttrium	89-2	5225133	5218678	5319636	5254482	1.08	cps
Zinc	66-2	3312276	3274807	3308020	3298368	0.62	cps
Zirconium	90-1	10488336	10742017	10669103	10633152	1.23	cps
Zirconium	91-1	2351332	2417014	2405604	2391317	1.47	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P7
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 18:21:20	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	457	430	443	443	3.01	cps
Antimony	121-1	893	1000	1067	987	8.86	cps
Arsenic	75-2	10	13	20	14	35.26	cps
Barium	135-1	273	207	173	218	23.38	cps
Barium	137-1	347	320	330	332	4.06	cps
Beryllium	9-1	320	320	340	327	3.53	cps
Bismuth	209-1	12601312	12290568	12429842	12440574	1.25	cps
Bismuth	209-2	8854881	8835256	8923249	8871129	0.52	cps
Bromine	81-1	30705	30963	31049	30906	0.58	cps
Bromine	81-2	100	130	143	124	17.84	cps
Cadmium	108-1	50	40	37	42	16.43	cps
Cadmium	106-1	12986	12509	12746	12747	1.87	cps
Cadmium	111-1	9155	8791	8973	8973	2.03	cps
Calcium	43-1	1777	1727	1787	1763	1.82	cps
Calcium	44-1	37416	37844	37293	37518	0.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1663	1817	1830	1770	5.23	cps
Cobalt	59-2	380	350	367	366	4.11	cps
Copper	63-2	2270	2417	2290	2326	3.42	cps
Dysprosium	156-1	37	33	43	38	13.48	cps
Dysprosium	156-2	23	40	17	27	45.07	cps
Erbium	164-1	150	147	147	148	1.30	cps
Erbium	164-2	100	87	90	92	7.52	cps
Gadolinium	160-1	203	160	193	186	12.23	cps
Gadolinium	160-2	783	823	850	819	4.10	cps
Holmium	165-1	21570185	20685756	21184522	21146821	2.10	cps
Holmium	165-2	13143595	12971952	12915030	13010192	0.91	cps
Indium	115-1	17237313	16901241	16829598	16989384	1.28	cps
Indium	115-2	4855124	4884835	4806461	4848807	0.82	cps
Iron	56-2	21212	20881	20578	20890	1.52	cps
Iron	57-2	1100	1247	1047	1131	9.16	cps
Iron	54-2	2207	2240	2097	2181	3.44	cps
Krypton	83-1	173	150	143	156	10.13	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P7
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 18:21:20	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1820	1750	1647	1739	5.02	cps
Lead	207-1	1447	1447	1523	1472	3.01	cps
Lead	208-1	6834	6794	6634	6754	1.57	cps
Lithium	6-1	4646790	4539940	4591710	4592813	1.16	cps
Magnesium	24-2	1627	1490	1580	1566	4.44	cps
Manganese	55-2	810	850	860	840	3.15	cps
Molybdenum	94-1	720	610	627	652	9.09	cps
Molybdenum	95-1	567	490	513	523	7.51	cps
Molybdenum	96-1	663	583	550	599	9.73	cps
Molybdenum	97-1	293	290	370	318	14.24	cps
Molybdenum	98-1	810	770	813	798	3.02	cps
Neodymium	150-1	10	33	10	18	75.77	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	260	257	223	247	8.22	cps
Phosphorus	31-2	687	653	777	706	9.04	cps
Potassium	39-2	83052	83584	83467	83368	0.34	cps
Rhodium	103-1	15768884	15642437	15412949	15608090	1.16	cps
Rhodium	103-2	8122984	8019627	8092754	8078455	0.66	cps
Scandium	45-1	10549543	10231089	10278792	10353141	1.66	cps
Scandium	45-2	723101	723426	721086	722538	0.18	cps
Selenium	82-1	75	35	112	74	52.00	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	230	220	197	216	7.93	cps
Silicon	28-1	363812	360717	361195	361908	0.46	cps
Silver	107-1	300	307	307	304	1.26	cps
Silver	109-1	247	177	130	184	31.84	cps
Sodium	23-2	75417	75423	73555	74798	1.44	cps
Strontium	86-1	500	420	463	461	8.68	cps
Strontium	88-1	2234	1703	1810	1916	14.64	cps
Sulfur	34-1	376682	376255	373249	375395	0.50	cps
Terbium	159-1	22080982	21871411	21791591	21914661	0.68	cps
Terbium	159-2	13084433	13277836	12851786	13071352	1.63	cps
Thallium	203-1	707	823	757	762	7.68	cps
Thallium	205-1	1713	1657	1753	1708	2.84	cps
Tin	118-1	2004	2054	1957	2005	2.41	cps
Titanium	47-1	337	440	320	366	17.78	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P7
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 18:21:20	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1343	1290	1260	1298	3.25	cps
Vanadium	51-2	103	70	87	87	19.23	cps
Yttrium	89-1	27125075	26958210	26578894	26887393	1.04	cps
Yttrium	89-2	5420594	5464789	5449791	5445058	0.41	cps
Zinc	66-2	14502	14468	14065	14345	1.70	cps
Zirconium	90-1	1217	1303	1290	1270	3.67	cps
Zirconium	91-1	260	273	233	256	7.97	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 18:26:43	DataFile Name :	025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5491	5538	5551	5527	0.57	cps
Antimony	121-1	20545	20054	20188	20262	1.25	cps
Arsenic	75-2	517	470	443	477	7.79	cps
Barium	135-1	27383	27099	26745	27076	1.18	cps
Barium	137-1	47098	46175	45977	46417	1.29	cps
Beryllium	9-1	2910	2687	2944	2847	4.90	cps
Bismuth	209-1	12927748	12229464	12367406	12508206	2.96	cps
Bismuth	209-2	8755608	8970263	8895798	8873890	1.23	cps
Bromine	81-1	31013	31036	30689	30913	0.63	cps
Bromine	81-2	103	133	100	112	16.36	cps
Cadmium	108-1	240	270	247	252	6.25	cps
Cadmium	106-1	13730	13636	13159	13509	2.27	cps
Cadmium	111-1	12390	12140	12059	12196	1.41	cps
Calcium	43-1	18431	17787	17941	18053	1.86	cps
Calcium	44-1	303116	302322	303583	303007	0.21	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9890	9960	10140	9997	1.29	cps
Cobalt	59-2	6338	6368	6488	6398	1.24	cps
Copper	63-2	11211	10897	10907	11005	1.62	cps
Dysprosium	156-1	63	23	43	43	46.16	cps
Dysprosium	156-2	7	17	10	11	45.82	cps
Erbium	164-1	203	197	130	177	22.96	cps
Erbium	164-2	103	83	80	89	14.20	cps
Gadolinium	160-1	197	150	157	168	15.04	cps
Gadolinium	160-2	833	777	867	826	5.51	cps
Holmium	165-1	21591973	21107011	20963142	21220709	1.55	cps
Holmium	165-2	13011374	13180406	13068430	13086737	0.66	cps
Indium	115-1	17809781	17075726	16784490	17223333	3.07	cps
Indium	115-2	5002954	4877325	4846708	4908996	1.69	cps
Iron	56-2	201447	200739	200761	200983	0.20	cps
Iron	57-2	5955	6001	6061	6006	0.89	cps
Iron	54-2	13002	12175	12439	12539	3.37	cps
Krypton	83-1	180	187	153	173	10.17	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 18:26:43	DataFile Name :	025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	9323	9013	9420	9252	2.30	cps
Lead	207-1	7929	7999	8116	8015	1.18	cps
Lead	208-1	37027	36142	36589	36586	1.21	cps
Lithium	6-1	4711803	4703885	4593906	4669865	1.41	cps
Magnesium	24-2	220139	218844	217719	218900	0.55	cps
Manganese	55-2	3861	3904	4251	4005	5.34	cps
Molybdenum	94-1	22771	22567	22107	22482	1.51	cps
Molybdenum	95-1	27409	27275	27219	27301	0.36	cps
Molybdenum	96-1	30939	30118	29546	30201	2.32	cps
Molybdenum	97-1	17614	17250	17153	17339	1.40	cps
Molybdenum	98-1	43933	44979	44427	44446	1.18	cps
Neodymium	150-1	10	10	10	10	0.00	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	1977	1857	1897	1910	3.20	cps
Phosphorus	31-2	923	970	860	918	6.02	cps
Potassium	39-2	315756	313630	316293	315226	0.45	cps
Rhodium	103-1	16093081	15753708	15420721	15755837	2.13	cps
Rhodium	103-2	8229377	8101246	8174935	8168519	0.79	cps
Scandium	45-1	10753475	10351819	10440135	10515143	2.01	cps
Scandium	45-2	731018	724312	733562	729631	0.65	cps
Selenium	82-1	1000	871	963	945	7.02	cps
Selenium	77-2	43	97	53	64	44.00	cps
Selenium	78-2	450	423	457	443	3.98	cps
Silicon	28-1	442836	438846	439109	440264	0.51	cps
Silver	107-1	13297	13731	13688	13572	1.76	cps
Silver	109-1	13516	12439	13562	13173	4.82	cps
Sodium	23-2	423337	424865	426533	424911	0.38	cps
Strontium	86-1	3784	3961	3564	3769	5.27	cps
Strontium	88-1	31895	31838	31748	31827	0.23	cps
Sulfur	34-1	381884	381470	381999	381784	0.07	cps
Terbium	159-1	22186659	21618260	21548485	21784468	1.61	cps
Terbium	159-2	13177792	13178319	13003711	13119941	0.77	cps
Thallium	203-1	10474	10030	10211	10238	2.18	cps
Thallium	205-1	24415	24148	23724	24096	1.45	cps
Tin	118-1	46224	47047	47023	46765	1.00	cps
Titanium	47-1	7889	7909	7655	7818	1.80	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 18:26:43	DataFile Name :	025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	28948	29533	29042	29174	1.08	cps
Vanadium	51-2	16603	16693	16209	16501	1.56	cps
Yttrium	89-1	27781900	27313023	26773491	27289472	1.85	cps
Yttrium	89-2	5561052	5492111	5515211	5522791	0.64	cps
Zinc	66-2	15954	15759	15482	15732	1.51	cps
Zirconium	90-1	18856	19036	18502	18798	1.45	cps
Zirconium	91-1	3974	4084	4157	4072	2.27	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	PB155330BL	Instrumnet Name :	P7
Client Sample ID :	PB155330BL	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 18:32:07	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	387	370	603	453	28.72	cps
Antimony	121-1	467	467	477	470	1.23	cps
Arsenic	75-2	13	10	20	14	35.26	cps
Barium	135-1	173	167	163	168	3.03	cps
Barium	137-1	320	307	260	296	10.66	cps
Beryllium	9-1	270	263	290	274	5.06	cps
Bismuth	209-1	12064633	12009044	11985859	12019846	0.34	cps
Bismuth	209-2	8879960	8794256	8887494	8853903	0.58	cps
Bromine	81-1	30642	30709	31113	30821	0.83	cps
Bromine	81-2	113	110	87	103	14.06	cps
Cadmium	108-1	30	33	30	31	6.18	cps
Cadmium	106-1	12973	13260	12482	12905	3.05	cps
Cadmium	111-1	9120	9322	8800	9080	2.90	cps
Calcium	43-1	1893	1610	1693	1732	8.41	cps
Calcium	44-1	33554	34533	34396	34161	1.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2064	2074	1963	2033	2.99	cps
Cobalt	59-2	353	347	370	357	3.37	cps
Copper	63-2	1930	2007	2033	1990	2.70	cps
Dysprosium	156-1	27	37	23	29	24.03	cps
Dysprosium	156-2	20	17	10	16	32.73	cps
Erbium	164-1	140	120	117	126	10.05	cps
Erbium	164-2	90	83	103	92	11.04	cps
Gadolinium	160-1	190	203	163	186	10.98	cps
Gadolinium	160-2	880	847	867	864	1.94	cps
Holmium	165-1	21136711	20721748	21087815	20982091	1.08	cps
Holmium	165-2	12970694	12924066	12840589	12911783	0.51	cps
Indium	115-1	16857553	16815842	16880217	16851204	0.19	cps
Indium	115-2	4884824	4956862	4806643	4882776	1.54	cps
Iron	56-2	18465	18768	20909	19381	6.87	cps
Iron	57-2	1143	1167	1390	1233	11.04	cps
Iron	54-2	2204	2150	2374	2242	5.20	cps
Krypton	83-1	163	180	140	161	12.47	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	PB155330BL	Instrumnet Name :	P7
Client Sample ID :	PB155330BL	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 18:32:07	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1437	1337	1513	1429	6.20	cps
Lead	207-1	1277	1267	1160	1235	5.24	cps
Lead	208-1	5714	5677	5497	5629	2.06	cps
Lithium	6-1	4812654	4656926	4656433	4708671	1.91	cps
Magnesium	24-2	1150	1137	1967	1418	33.55	cps
Manganese	55-2	707	653	763	708	7.77	cps
Molybdenum	94-1	430	443	427	433	2.03	cps
Molybdenum	95-1	287	197	253	246	18.53	cps
Molybdenum	96-1	407	343	383	378	8.48	cps
Molybdenum	97-1	147	177	140	154	12.65	cps
Molybdenum	98-1	333	350	350	344	2.79	cps
Neodymium	150-1	17	3	13	11	62.48	cps
Neodymium	150-2	17	7	10	11	45.82	cps
Nickel	60-2	247	323	267	279	14.26	cps
Phosphorus	31-2	673	690	807	723	10.04	cps
Potassium	39-2	84915	84305	84989	84736	0.44	cps
Rhodium	103-1	15652543	15284818	15321084	15419482	1.31	cps
Rhodium	103-2	8050137	8163180	8007854	8073724	0.99	cps
Scandium	45-1	10433073	10282646	10416130	10377283	0.79	cps
Scandium	45-2	730166	728557	727617	728780	0.18	cps
Selenium	82-1	48	43	74	55	29.65	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	203	177	247	209	16.91	cps
Silicon	28-1	365685	366071	367451	366402	0.25	cps
Silver	107-1	220	260	223	234	9.47	cps
Silver	109-1	160	137	140	146	8.67	cps
Sodium	23-2	64226	64381	65621	64743	1.18	cps
Strontium	86-1	317	337	287	313	8.03	cps
Strontium	88-1	377	310	313	333	11.27	cps
Sulfur	34-1	384833	384488	385215	384845	0.09	cps
Terbium	159-1	21382816	21269797	21542026	21398213	0.64	cps
Terbium	159-2	13053094	12971921	12965725	12996913	0.38	cps
Thallium	203-1	667	587	607	620	6.72	cps
Thallium	205-1	1507	1453	1427	1462	2.79	cps
Tin	118-1	2174	2070	1863	2036	7.76	cps
Titanium	47-1	343	223	250	272	23.15	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	PB155330BL	Instrumnet Name :	P7
Client Sample ID :	PB155330BL	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 18:32:07	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1187	1120	1230	1179	4.70	cps
Vanadium	51-2	100	97	87	94	7.35	cps
Yttrium	89-1	27180486	26773850	26545458	26833265	1.20	cps
Yttrium	89-2	5557743	5567606	5501746	5542365	0.64	cps
Zinc	66-2	14273	14304	14043	14207	1.00	cps
Zirconium	90-1	840	1030	1030	967	11.35	cps
Zirconium	91-1	210	213	213	212	0.91	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	PB155330BS	Instrumnet Name :	P7
Client Sample ID :	PB155330BS	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 18:35:23	DataFile Name :	027LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2470033	2511609	2446242	2475961	1.34	cps
Antimony	121-1	5471576	5575753	5577721	5541684	1.10	cps
Arsenic	75-2	226816	227998	224020	226278	0.90	cps
Barium	135-1	7550215	7603832	7667564	7607203	0.77	cps
Barium	137-1	12920844	13182221	13204092	13102386	1.20	cps
Beryllium	9-1	1229558	1243218	1225327	1232701	0.76	cps
Bismuth	209-1	11371635	11408889	11602606	11461043	1.08	cps
Bismuth	209-2	8466072	8393583	8295205	8384953	1.02	cps
Bromine	81-1	30702	29847	29500	30016	2.06	cps
Bromine	81-2	97	97	137	110	20.99	cps
Cadmium	108-1	112784	114625	113738	113716	0.81	cps
Cadmium	106-1	173386	175944	173985	174438	0.77	cps
Cadmium	111-1	1460973	1481925	1484099	1475666	0.87	cps
Calcium	43-1	1989039	2006262	1941073	1978791	1.71	cps
Calcium	44-1	29951585	30240049	29802212	29997949	0.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2042391	2047597	2018325	2036104	0.77	cps
Cobalt	59-2	3160029	3148494	3216572	3175032	1.15	cps
Copper	63-2	22416673	22217656	22046413	22226914	0.83	cps
Dysprosium	156-1	503	663	480	549	18.18	cps
Dysprosium	156-2	563	577	593	578	2.60	cps
Erbium	164-1	267	317	323	302	10.25	cps
Erbium	164-2	213	167	143	174	20.43	cps
Gadolinium	160-1	513	567	563	548	5.45	cps
Gadolinium	160-2	983	1030	1027	1013	2.57	cps
Holmium	165-1	20698548	20466208	20533939	20566232	0.58	cps
Holmium	165-2	12939831	12862225	12724647	12842234	0.85	cps
Indium	115-1	15904965	15843956	15793578	15847500	0.35	cps
Indium	115-2	4613576	4591201	4524461	4576413	1.01	cps
Iron	56-2	89587559	90235915	89638745	89820740	0.40	cps
Iron	57-2	2229196	2276731	2257717	2254548	1.06	cps
Iron	54-2	4991309	5012531	4900868	4968236	1.19	cps
Krypton	83-1	140	140	210	163	24.74	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	PB155330BS	Instrumnet Name :	P7
Client Sample ID :	PB155330BS	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 18:35:23	DataFile Name :	027LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	22350875	22708076	22697193	22585381	0.90	cps
Lead	207-1	19446830	19565517	19820458	19610935	0.97	cps
Lead	208-1	88198544	89315516	89916609	89143556	0.98	cps
Lithium	6-1	4533040	4451538	4524040	4502873	0.99	cps
Magnesium	24-2	23152650	22682284	22714855	22849930	1.15	cps
Manganese	55-2	14977479	14942068	14648594	14856047	1.22	cps
Molybdenum	94-1	20081164	20520639	20585135	20395646	1.34	cps
Molybdenum	95-1	28541103	29322855	29548317	29137425	1.81	cps
Molybdenum	96-1	31561865	31831170	31927527	31773521	0.60	cps
Molybdenum	97-1	17983777	18137459	18105931	18075723	0.45	cps
Molybdenum	98-1	46437571	46677059	46501104	46538578	0.27	cps
Neodymium	150-1	960	1013	1060	1011	4.95	cps
Neodymium	150-2	210	187	160	186	13.48	cps
Nickel	60-2	799852	792868	794754	795825	0.45	cps
Phosphorus	31-2	129135	130924	129032	129697	0.82	cps
Potassium	39-2	11818756	11655753	11651595	11708701	0.81	cps
Rhodium	103-1	14357881	14165903	14274822	14266202	0.67	cps
Rhodium	103-2	7527840	7454818	7386901	7456520	0.95	cps
Scandium	45-1	10129753	9959764	9847119	9978879	1.43	cps
Scandium	45-2	692887	691450	690636	691658	0.16	cps
Selenium	82-1	95725	96584	96733	96347	0.56	cps
Selenium	77-2	7525	7479	7245	7416	2.02	cps
Selenium	78-2	24888	25115	24581	24861	1.08	cps
Silicon	28-1	79431817	79168182	77912007	78837335	1.03	cps
Silver	107-1	7114390	7223964	7079825	7139393	1.05	cps
Silver	109-1	6837822	6962913	6790531	6863755	1.30	cps
Sodium	23-2	38532255	37674640	37590340	37932412	1.37	cps
Strontium	86-1	47770953	49033189	47859176	48221106	1.46	cps
Strontium	88-1	424289767	430786874	420381887	425152843	1.24	cps
Sulfur	34-1	949196	951763	934216	945058	1.00	cps
Terbium	159-1	21039215	21024401	21263694	21109103	0.64	cps
Terbium	159-2	12941953	12923251	12967922	12944375	0.17	cps
Thallium	203-1	5483695	5523696	5519886	5509092	0.40	cps
Thallium	205-1	12963957	13089100	13233984	13095680	1.03	cps
Tin	118-1	4921326	5024750	4963031	4969702	1.05	cps
Titanium	47-1	7839424	7859669	7813269	7837454	0.30	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	PB155330BS	Instrumnet Name :	P7
Client Sample ID :	PB155330BS	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 18:35:23	DataFile Name :	027LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16585027	16918638	16918967	16807544	1.15	cps
Vanadium	51-2	1777375	1763893	1741229	1760832	1.04	cps
Yttrium	89-1	25944730	26129955	25944241	26006309	0.41	cps
Yttrium	89-2	5300465	5252195	5254656	5269105	0.52	cps
Zinc	66-2	3418493	3376031	3323909	3372811	1.40	cps
Zirconium	90-1	10399335	10692679	10600399	10564138	1.42	cps
Zirconium	91-1	2320845	2409075	2380919	2370280	1.90	cps

LB Number : LB127138 Operator : Jaswal
 Lab Sample ID : O4212-02DLX5 Instrumnet Name : P7
 Client Sample ID : TOPSOIL-OU3-DENALI-; Dilution Factor : 5
 Date & Time Acquired : 2023-09-05 18:38:03 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2082396	2108216	2090009	2093541	0.63	cps
Antimony	121-1	4357	4217	4337	4304	1.76	cps
Arsenic	75-2	2094	1987	2160	2080	4.20	cps
Barium	135-1	150690	155164	154916	153590	1.64	cps
Barium	137-1	263485	269062	268332	266960	1.14	cps
Beryllium	9-1	3054	2950	3234	3079	4.66	cps
Bismuth	209-1	12981964	12029440	12118224	12376542	4.25	cps
Bismuth	209-2	8738126	8736649	8602244	8692340	0.90	cps
Bromine	81-1	30361	31076	31093	30844	1.35	cps
Bromine	81-2	307	317	347	323	6.44	cps
Cadmium	108-1	387	377	390	384	1.80	cps
Cadmium	106-1	14604	12546	13126	13425	7.91	cps
Cadmium	111-1	14656	13206	13529	13797	5.52	cps
Calcium	43-1	1853850	1917717	1916042	1895870	1.92	cps
Calcium	44-1	30147764	30189405	30385341	30240837	0.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13816	13773	13873	13821	0.36	cps
Cobalt	59-2	53803	52732	51893	52809	1.81	cps
Copper	63-2	62593	62262	63708	62855	1.21	cps
Dysprosium	156-1	15792	16096	15642	15843	1.46	cps
Dysprosium	156-2	10961	11608	10848	11139	3.68	cps
Erbium	164-1	19360	20201	19938	19833	2.17	cps
Erbium	164-2	12195	12516	12276	12329	1.35	cps
Gadolinium	160-1	16099	16553	16019	16224	1.78	cps
Gadolinium	160-2	11575	11014	11989	11526	4.24	cps
Holmium	165-1	22431546	21329571	21208655	21656591	3.11	cps
Holmium	165-2	12957693	13213137	12916498	13029109	1.23	cps
Indium	115-1	17826170	16764644	16377196	16989337	4.42	cps
Indium	115-2	4750266	4723487	4710332	4728028	0.43	cps
Iron	56-2	11154074	11028305	11134846	11105742	0.61	cps
Iron	57-2	315376	313606	319686	316223	0.99	cps
Iron	54-2	644852	644248	635650	641583	0.80	cps
Krypton	83-1	243	193	167	201	19.35	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	O4212-02DLX5	Instrumnet Name :	P7
Client Sample ID :	TOPSOIL-OU3-DENALI-	Dilution Factor :	5
Date & Time Acquired :	2023-09-05 18:38:03	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	132482	135295	131957	133244	1.35	cps
Lead	207-1	110122	111835	109201	110386	1.21	cps
Lead	208-1	513275	518886	512356	514839	0.69	cps
Lithium	6-1	4878802	4495809	4455203	4609938	5.07	cps
Magnesium	24-2	3470346	3468667	3400115	3446376	1.16	cps
Manganese	55-2	7802900	7758419	7811381	7790900	0.37	cps
Molybdenum	94-1	7712	6081	5194	6329	20.18	cps
Molybdenum	95-1	6838	4544	3164	4849	38.28	cps
Molybdenum	96-1	8232	5224	3977	5811	37.64	cps
Molybdenum	97-1	3941	2524	1720	2728	41.21	cps
Molybdenum	98-1	10484	6502	4657	7214	41.28	cps
Neodymium	150-1	17641	18158	18289	18029	1.90	cps
Neodymium	150-2	9393	9116	9847	9452	3.90	cps
Nickel	60-2	12615	12765	12652	12678	0.62	cps
Phosphorus	31-2	25939	27208	27188	26778	2.71	cps
Potassium	39-2	7295587	7283832	7287692	7289037	0.08	cps
Rhodium	103-1	15858118	14748291	14610546	15072318	4.54	cps
Rhodium	103-2	7739748	7705483	7693623	7712951	0.31	cps
Scandium	45-1	10761841	9979187	9947950	10229659	4.51	cps
Scandium	45-2	692858	698295	688813	693322	0.69	cps
Selenium	82-1	49	160	144	118	50.81	cps
Selenium	77-2	40	43	17	33	43.58	cps
Selenium	78-2	207	200	203	203	1.64	cps
Silicon	28-1	19353184	19889064	19815671	19685973	1.48	cps
Silver	107-1	2414	1487	940	1613	46.17	cps
Silver	109-1	1950	1270	770	1330	44.53	cps
Sodium	23-2	1994797	1956372	1938423	1963197	1.47	cps
Strontium	86-1	759166	774711	771520	768465	1.07	cps
Strontium	88-1	6661201	6858442	6774081	6764575	1.46	cps
Sulfur	34-1	5355262	5361642	5426648	5381184	0.73	cps
Terbium	159-1	23408872	21721985	21328663	22153173	4.99	cps
Terbium	159-2	13246159	13206239	13236865	13229755	0.16	cps
Thallium	203-1	2654	2070	1787	2170	20.37	cps
Thallium	205-1	5648	4714	4097	4820	16.20	cps
Tin	118-1	4094	3611	3517	3741	8.28	cps
Titanium	47-1	15438	15391	15114	15315	1.14	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	O4212-02DLX5	Instrumnet Name :	P7
Client Sample ID :	TOPSOIL-OU3-DENALI-	Dilution Factor :	5
Date & Time Acquired :	2023-09-05 18:38:03	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8850	7922	7295	8023	9.75	cps
Vanadium	51-2	56780	58556	57830	57722	1.55	cps
Yttrium	89-1	28527276	26684286	26411717	27207760	4.23	cps
Yttrium	89-2	5450622	5455807	5420659	5442363	0.35	cps
Zinc	66-2	309706	306219	306008	307311	0.68	cps
Zirconium	90-1	11411	10787	10834	11011	3.16	cps
Zirconium	91-1	2657	2244	2204	2368	10.60	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	O4212-04DLX5	Instrumnet Name :	P7
Client Sample ID :	TOPSOIL-OU3-DENALI-	Dilution Factor :	5
Date & Time Acquired :	2023-09-05 18:41:09	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2003262	1990775	2013612	2002550	0.57	cps
Antimony	121-1	1753	1780	1943	1826	5.63	cps
Arsenic	75-2	1813	1867	2010	1897	5.36	cps
Barium	135-1	143292	144878	143956	144042	0.55	cps
Barium	137-1	251021	250173	252099	251097	0.38	cps
Beryllium	9-1	2687	2537	2640	2621	2.93	cps
Bismuth	209-1	11964444	12262159	12217414	12148006	1.32	cps
Bismuth	209-2	8661725	8872301	8760062	8764696	1.20	cps
Bromine	81-1	30792	31494	31073	31120	1.13	cps
Bromine	81-2	243	243	247	244	0.79	cps
Cadmium	108-1	330	290	317	312	6.52	cps
Cadmium	106-1	13820	13496	13623	13646	1.20	cps
Cadmium	111-1	13397	13175	13348	13307	0.88	cps
Calcium	43-1	1602203	1614866	1595552	1604207	0.61	cps
Calcium	44-1	25698782	26018756	25584827	25767455	0.87	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13763	13773	13399	13645	1.56	cps
Cobalt	59-2	47247	47756	47625	47543	0.56	cps
Copper	63-2	72055	72732	72012	72267	0.56	cps
Dysprosium	156-1	17932	17788	18188	17969	1.13	cps
Dysprosium	156-2	12449	12803	12412	12555	1.72	cps
Erbium	164-1	22395	22605	22151	22384	1.02	cps
Erbium	164-2	14274	13730	13867	13957	2.03	cps
Gadolinium	160-1	18265	18492	18759	18506	1.34	cps
Gadolinium	160-2	12973	12766	12602	12780	1.45	cps
Holmium	165-1	20645114	21221007	20995760	20953960	1.39	cps
Holmium	165-2	13132653	13271108	13161514	13188425	0.55	cps
Indium	115-1	16324191	16691434	16492836	16502820	1.11	cps
Indium	115-2	4753263	4802116	4823980	4793120	0.76	cps
Iron	56-2	11881949	11678742	12021411	11860701	1.45	cps
Iron	57-2	335365	328027	331437	331610	1.11	cps
Iron	54-2	685797	692175	687617	688530	0.48	cps
Krypton	83-1	223	207	233	221	6.09	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	O4212-04DLX5	Instrumnet Name :	P7
Client Sample ID :	TOPSOIL-OU3-DENALI-	Dilution Factor :	5
Date & Time Acquired :	2023-09-05 18:41:09	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	136935	139133	138012	138027	0.80	cps
Lead	207-1	113227	113237	112848	113104	0.20	cps
Lead	208-1	529667	531615	531424	530902	0.20	cps
Lithium	6-1	4560082	4510723	4540261	4537022	0.55	cps
Magnesium	24-2	2687197	2722632	2721890	2710573	0.75	cps
Manganese	55-2	6512923	6548628	6618027	6559859	0.81	cps
Molybdenum	94-1	3774	3837	3747	3786	1.22	cps
Molybdenum	95-1	1103	1263	1010	1126	11.38	cps
Molybdenum	96-1	1487	1577	1623	1562	4.45	cps
Molybdenum	97-1	453	400	427	427	6.25	cps
Molybdenum	98-1	1123	1167	1143	1145	1.90	cps
Neodymium	150-1	20365	20832	21223	20807	2.06	cps
Neodymium	150-2	11305	10724	10491	10840	3.87	cps
Nickel	60-2	11798	11891	11808	11833	0.43	cps
Phosphorus	31-2	23638	23148	22750	23179	1.92	cps
Potassium	39-2	5858859	5765028	5685922	5769936	1.50	cps
Rhodium	103-1	14840403	14859439	14929146	14876329	0.31	cps
Rhodium	103-2	7685517	7777084	7822263	7761621	0.90	cps
Scandium	45-1	10065499	9949589	9910743	9975277	0.81	cps
Scandium	45-2	702705	711368	699623	704566	0.86	cps
Selenium	82-1	75	81	94	83	11.31	cps
Selenium	77-2	33	27	53	38	36.73	cps
Selenium	78-2	217	237	270	241	11.18	cps
Silicon	28-1	18431316	18575928	18430250	18479165	0.45	cps
Silver	107-1	397	430	270	366	23.09	cps
Silver	109-1	230	203	213	216	6.25	cps
Sodium	23-2	1602415	1597453	1611805	1603891	0.45	cps
Strontium	86-1	646032	658395	655810	653412	1.00	cps
Strontium	88-1	5768956	5811330	5858786	5813024	0.77	cps
Sulfur	34-1	5380002	5442872	5412518	5411797	0.58	cps
Terbium	159-1	21810856	21557461	21812114	21726810	0.68	cps
Terbium	159-2	13023614	13128878	13152988	13101827	0.53	cps
Thallium	203-1	1297	1293	1380	1323	3.71	cps
Thallium	205-1	3350	3197	3244	3264	2.41	cps
Tin	118-1	2437	2400	2467	2435	1.37	cps
Titanium	47-1	19656	19977	19416	19683	1.43	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	O4212-04DLX5	Instrumnet Name :	P7
Client Sample ID :	TOPSOIL-OU3-DENALI-	Dilution Factor :	5
Date & Time Acquired :	2023-09-05 18:41:09	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7682	8089	7599	7790	3.37	cps
Vanadium	51-2	61424	61498	62020	61648	0.53	cps
Yttrium	89-1	26521415	26484865	26938305	26648195	0.95	cps
Yttrium	89-2	5439765	5398342	5499170	5445759	0.93	cps
Zinc	66-2	267339	267792	265318	266816	0.49	cps
Zirconium	90-1	9260	9019	8919	9066	1.93	cps
Zirconium	91-1	2067	2050	1773	1963	8.39	cps

LB Number : LB127138 Operator : Jaswal
 Lab Sample ID : O4212-04DUPDLX5 Instrumnet Name : P7
 Client Sample ID : TOPSOIL-OU3-DENALI-4 Dilution Factor : 5
 Date & Time Acquired : 2023-09-05 18:44:17 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2038982	2012264	2014592	2021946	0.73	cps
Antimony	121-1	1220	1297	1550	1356	12.74	cps
Arsenic	75-2	1850	1853	1797	1833	1.73	cps
Barium	135-1	145091	146737	146323	146050	0.59	cps
Barium	137-1	253840	255048	251885	253591	0.63	cps
Beryllium	9-1	2577	2517	2574	2556	1.32	cps
Bismuth	209-1	12030564	11846731	12130566	12002620	1.20	cps
Bismuth	209-2	8759667	8653192	8746721	8719860	0.67	cps
Bromine	81-1	30385	31942	31788	31371	2.73	cps
Bromine	81-2	290	223	293	269	14.69	cps
Cadmium	108-1	367	420	323	370	13.09	cps
Cadmium	106-1	13383	13089	13647	13373	2.08	cps
Cadmium	111-1	13155	12849	13387	13130	2.05	cps
Calcium	43-1	1638199	1648603	1630186	1638996	0.56	cps
Calcium	44-1	26135400	25728875	26113114	25992463	0.88	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14017	14000	13876	13964	0.55	cps
Cobalt	59-2	48518	47341	47645	47835	1.28	cps
Copper	63-2	73348	74122	71389	72953	1.93	cps
Dysprosium	156-1	17932	17965	17922	17939	0.13	cps
Dysprosium	156-2	12632	12766	12789	12729	0.66	cps
Erbium	164-1	22709	22792	23026	22842	0.72	cps
Erbium	164-2	14131	14040	13623	13931	1.94	cps
Gadolinium	160-1	18900	18562	18953	18805	1.13	cps
Gadolinium	160-2	12809	12776	12776	12787	0.15	cps
Holmium	165-1	21118277	20989468	21172187	21093311	0.45	cps
Holmium	165-2	13330031	12876389	13326561	13177661	1.98	cps
Indium	115-1	16454013	16649812	16478665	16527496	0.65	cps
Indium	115-2	4795764	4742670	4760038	4766158	0.57	cps
Iron	56-2	11922614	11881213	11708076	11837301	0.96	cps
Iron	57-2	335396	338575	333860	335944	0.72	cps
Iron	54-2	696275	699520	693014	696270	0.47	cps
Krypton	83-1	170	193	220	194	12.87	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	O4212-04DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	TOPSOIL-OU3-DENALI-	Dilution Factor :	5
Date & Time Acquired :	2023-09-05 18:44:17	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	136103	137029	140140	137758	1.54	cps
Lead	207-1	114670	113859	116256	114928	1.06	cps
Lead	208-1	528691	530766	538738	532732	1.00	cps
Lithium	6-1	4534133	4498530	4584413	4539025	0.95	cps
Magnesium	24-2	2749257	2695916	2739354	2728175	1.04	cps
Manganese	55-2	6556444	6691465	6504720	6584210	1.46	cps
Molybdenum	94-1	3721	3627	3671	3673	1.27	cps
Molybdenum	95-1	903	943	997	948	4.94	cps
Molybdenum	96-1	1450	1343	1220	1338	8.60	cps
Molybdenum	97-1	353	380	350	361	4.55	cps
Molybdenum	98-1	780	777	927	828	10.35	cps
Neodymium	150-1	21249	20809	20665	20908	1.46	cps
Neodymium	150-2	10928	10884	10734	10849	0.94	cps
Nickel	60-2	11651	11721	11251	11541	2.20	cps
Phosphorus	31-2	23645	23678	23411	23578	0.62	cps
Potassium	39-2	5853420	5711728	5837412	5800853	1.34	cps
Rhodium	103-1	14799278	14713781	14893547	14802202	0.61	cps
Rhodium	103-2	7891899	7747486	7726379	7788588	1.16	cps
Scandium	45-1	10007692	9961011	9920889	9963197	0.44	cps
Scandium	45-2	705949	697804	704808	702854	0.63	cps
Selenium	82-1	114	88	71	91	23.54	cps
Selenium	77-2	33	27	60	40	44.09	cps
Selenium	78-2	203	207	170	193	10.49	cps
Silicon	28-1	18815998	18524334	18758884	18699739	0.83	cps
Silver	107-1	240	227	277	248	10.45	cps
Silver	109-1	157	167	127	150	13.88	cps
Sodium	23-2	1614479	1626286	1587956	1609574	1.22	cps
Strontium	86-1	652405	659937	660702	657681	0.70	cps
Strontium	88-1	5807522	5890122	5816144	5837929	0.78	cps
Sulfur	34-1	5517965	5467961	5541335	5509087	0.68	cps
Terbium	159-1	21836731	21773471	21691660	21767287	0.33	cps
Terbium	159-2	13045509	13084489	12925824	13018607	0.64	cps
Thallium	203-1	1303	1297	1363	1321	2.78	cps
Thallium	205-1	3177	3017	3017	3070	3.01	cps
Tin	118-1	2200	2377	2447	2341	5.43	cps
Titanium	47-1	20561	20060	20020	20214	1.49	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	O4212-04DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	TOPSOIL-OU3-DENALI-	Dilution Factor :	5
Date & Time Acquired :	2023-09-05 18:44:17	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7716	7706	7809	7743	0.74	cps
Vanadium	51-2	62833	61745	61659	62079	1.05	cps
Yttrium	89-1	26901349	26686715	26870946	26819670	0.43	cps
Yttrium	89-2	5531073	5480683	5514918	5508891	0.47	cps
Zinc	66-2	275044	264881	270862	270263	1.89	cps
Zirconium	90-1	9130	9063	9403	9199	1.96	cps
Zirconium	91-1	1870	2040	1863	1925	5.20	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	O4212-04LDLX25	Instrumnet Name :	P7
Client Sample ID :	TOPSOIL-OU3-DENALI-	Dilution Factor :	25
Date & Time Acquired :	2023-09-05 18:47:23	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	413681	417301	413372	414785	0.53	cps
Antimony	121-1	613	623	750	662	11.50	cps
Arsenic	75-2	407	443	380	410	7.76	cps
Barium	135-1	28175	28622	28512	28436	0.82	cps
Barium	137-1	48432	49931	50988	49784	2.58	cps
Beryllium	9-1	753	773	653	727	8.85	cps
Bismuth	209-1	12300391	12190150	12282347	12257630	0.48	cps
Bismuth	209-2	8881708	8846057	8873904	8867223	0.21	cps
Bromine	81-1	30415	31581	31424	31140	2.03	cps
Bromine	81-2	170	137	187	164	15.48	cps
Cadmium	108-1	90	87	50	76	29.38	cps
Cadmium	106-1	13380	13113	13216	13236	1.02	cps
Cadmium	111-1	10136	9918	10150	10068	1.29	cps
Calcium	43-1	334713	340135	335858	336902	0.85	cps
Calcium	44-1	5182439	5185343	5160812	5176198	0.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4034	4154	3817	4002	4.27	cps
Cobalt	59-2	9927	9650	9293	9623	3.30	cps
Copper	63-2	16222	16142	15945	16103	0.89	cps
Dysprosium	156-1	3721	3631	3617	3656	1.54	cps
Dysprosium	156-2	2500	2477	2347	2441	3.38	cps
Erbium	164-1	4304	4424	4614	4447	3.52	cps
Erbium	164-2	2797	2824	3070	2897	5.20	cps
Gadolinium	160-1	3757	3944	3794	3832	2.58	cps
Gadolinium	160-2	3114	3134	3317	3188	3.52	cps
Holmium	165-1	21379879	20559045	21105105	21014676	1.99	cps
Holmium	165-2	12829170	12923627	13060576	12937791	0.90	cps
Indium	115-1	17052077	16680812	16675808	16802899	1.28	cps
Indium	115-2	4781197	4751775	4801076	4778016	0.52	cps
Iron	56-2	2437278	2382520	2418417	2412738	1.15	cps
Iron	57-2	68556	66945	66670	67390	1.51	cps
Iron	54-2	140115	139573	137527	139072	0.98	cps
Krypton	83-1	150	190	153	164	13.50	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	O4212-04LDLX25	Instrumnet Name :	P7
Client Sample ID :	TOPSOIL-OU3-DENALI-	Dilution Factor :	25
Date & Time Acquired :	2023-09-05 18:47:23	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	27768	28443	28406	28206	1.35	cps
Lead	207-1	23260	23697	23497	23485	0.93	cps
Lead	208-1	108295	109980	109053	109109	0.77	cps
Lithium	6-1	4746409	4534690	4715456	4665518	2.45	cps
Magnesium	24-2	566523	562266	560047	562945	0.58	cps
Manganese	55-2	1323207	1334853	1324264	1327441	0.49	cps
Molybdenum	94-1	1163	1043	963	1057	9.53	cps
Molybdenum	95-1	343	340	367	350	4.15	cps
Molybdenum	96-1	590	530	517	546	7.16	cps
Molybdenum	97-1	173	210	183	189	10.03	cps
Molybdenum	98-1	440	480	423	448	6.50	cps
Neodymium	150-1	4047	4131	4241	4140	2.34	cps
Neodymium	150-2	2080	2244	2030	2118	5.27	cps
Nickel	60-2	2554	2514	2357	2475	4.20	cps
Phosphorus	31-2	5414	5361	5334	5370	0.76	cps
Potassium	39-2	1247831	1244612	1251967	1248137	0.30	cps
Rhodium	103-1	15756339	15242376	15106227	15368314	2.23	cps
Rhodium	103-2	8009468	8029258	7820228	7952985	1.45	cps
Scandium	45-1	10390064	10061785	10132850	10194900	1.69	cps
Scandium	45-2	711626	716855	708083	712188	0.62	cps
Selenium	82-1	66	11	50	43	66.34	cps
Selenium	77-2	0	7	7	4	86.60	cps
Selenium	78-2	153	210	217	193	18.00	cps
Silicon	28-1	4042796	4047662	4070300	4053586	0.36	cps
Silver	107-1	370	337	280	329	13.83	cps
Silver	109-1	193	233	267	231	15.89	cps
Sodium	23-2	386628	381955	384018	384200	0.61	cps
Strontium	86-1	129726	130072	129392	129730	0.26	cps
Strontium	88-1	1132424	1146033	1133260	1137239	0.67	cps
Sulfur	34-1	1477203	1456781	1501211	1478398	1.50	cps
Terbium	159-1	22121409	21920851	21487779	21843346	1.48	cps
Terbium	159-2	13075570	13004744	12876778	12985697	0.78	cps
Thallium	203-1	867	757	747	790	8.43	cps
Thallium	205-1	1853	1840	1917	1870	2.19	cps
Tin	118-1	2277	2040	2214	2177	5.63	cps
Titanium	47-1	4641	4361	4384	4462	3.48	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	O4212-04LDLX25	Instrumnet Name :	P7
Client Sample ID :	TOPSOIL-OU3-DENALI-	Dilution Factor :	25
Date & Time Acquired :	2023-09-05 18:47:23	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2414	2484	2384	2427	2.11	cps
Vanadium	51-2	12188	12195	12639	12341	2.09	cps
Yttrium	89-1	26990259	26570922	26538920	26700034	0.94	cps
Yttrium	89-2	5565421	5528644	5386050	5493372	1.72	cps
Zinc	66-2	65069	64949	65419	65145	0.37	cps
Zirconium	90-1	2530	2544	2544	2539	0.30	cps
Zirconium	91-1	523	470	590	528	11.39	cps

LB Number : LB127138 Operator : Jaswal
 Lab Sample ID : O4212-04MSDLX5 Instrumnet Name : P7
 Client Sample ID : TOPSOIL-OU3-DENALI-4 Dilution Factor : 5
 Date & Time Acquired : 2023-09-05 18:50:38 DataFile Name : 032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2416242	2398579	2403659	2406160	0.38	cps
Antimony	121-1	1100764	1112010	1104635	1105803	0.52	cps
Arsenic	75-2	48462	48519	49378	48787	1.05	cps
Barium	135-1	1651880	1670405	1657534	1659940	0.57	cps
Barium	137-1	2826874	2893794	2830356	2850341	1.32	cps
Beryllium	9-1	256720	261645	257918	258761	0.99	cps
Bismuth	209-1	12072791	12107381	11962196	12047456	0.63	cps
Bismuth	209-2	8581662	8712132	8695587	8663127	0.82	cps
Bromine	81-1	31136	31544	30729	31136	1.31	cps
Bromine	81-2	297	227	277	267	13.52	cps
Cadmium	108-1	23159	23863	23449	23490	1.51	cps
Cadmium	106-1	47748	47962	46598	47436	1.55	cps
Cadmium	111-1	321347	323004	325457	323269	0.64	cps
Calcium	43-1	1942464	1914408	1928969	1928614	0.73	cps
Calcium	44-1	30219940	30561025	30729971	30503645	0.85	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	414212	414157	417837	415402	0.51	cps
Cobalt	59-2	694562	696418	694432	695138	0.16	cps
Copper	63-2	4433589	4404752	4453940	4430760	0.56	cps
Dysprosium	156-1	16853	18429	17551	17611	4.48	cps
Dysprosium	156-2	11989	12442	12329	12253	1.93	cps
Erbium	164-1	21527	21770	21660	21652	0.56	cps
Erbium	164-2	13240	13193	13386	13273	0.76	cps
Gadolinium	160-1	17768	18616	17201	17861	3.99	cps
Gadolinium	160-2	12135	12195	12526	12285	1.71	cps
Holmium	165-1	21066407	21109527	20750857	20975597	0.93	cps
Holmium	165-2	12752251	13104974	13144034	13000419	1.66	cps
Indium	115-1	16560186	16437282	16519037	16505502	0.38	cps
Indium	115-2	4627045	4602965	4740804	4656938	1.58	cps
Iron	56-2	29125921	29079795	29183961	29129893	0.18	cps
Iron	57-2	783477	783179	787150	784602	0.28	cps
Iron	54-2	1653252	1626769	1627229	1635750	0.93	cps
Krypton	83-1	230	177	240	216	15.79	cps

LB Number : LB127138 Operator : Jaswal
 Lab Sample ID : O4212-04MSDLX5 Instrumnet Name : P7
 Client Sample ID : TOPSOIL-OU3-DENALI- Dilution Factor : 5
 Date & Time Acquired : 2023-09-05 18:50:38 DataFile Name : 032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4491072	4557938	4543149	4530720	0.78	cps
Lead	207-1	3864583	3925385	3998592	3929520	1.71	cps
Lead	208-1	17637139	17893254	18027435	17852609	1.11	cps
Lithium	6-1	4578156	4622234	4582999	4594463	0.53	cps
Magnesium	24-2	7371773	7319917	7382743	7358144	0.46	cps
Manganese	55-2	9103742	9098418	9119064	9107074	0.12	cps
Molybdenum	94-1	2735609	2755507	2721325	2737480	0.63	cps
Molybdenum	95-1	3428542	3463863	3503625	3465343	1.08	cps
Molybdenum	96-1	3766357	3818580	3876777	3820571	1.45	cps
Molybdenum	97-1	2164457	2155972	2138090	2152840	0.63	cps
Molybdenum	98-1	5498537	5630420	5466228	5531728	1.57	cps
Neodymium	150-1	20288	20381	20141	20270	0.60	cps
Neodymium	150-2	10341	10094	10394	10276	1.56	cps
Nickel	60-2	170996	171255	171505	171252	0.15	cps
Phosphorus	31-2	21829	22717	22533	22360	2.10	cps
Potassium	39-2	7760033	7880061	7900199	7846764	0.97	cps
Rhodium	103-1	14992308	14856159	14618757	14822408	1.28	cps
Rhodium	103-2	7753627	7552228	7695605	7667153	1.35	cps
Scandium	45-1	10115515	10038102	10005365	10052994	0.56	cps
Scandium	45-2	692759	695104	695017	694293	0.19	cps
Selenium	82-1	19525	19878	19830	19744	0.97	cps
Selenium	77-2	1513	1553	1577	1548	2.07	cps
Selenium	78-2	5544	5298	5354	5399	2.39	cps
Silicon	28-1	18387748	18456127	18437703	18427193	0.19	cps
Silver	107-1	1445876	1461592	1463034	1456834	0.65	cps
Silver	109-1	1377752	1394517	1395681	1389316	0.72	cps
Sodium	23-2	9336670	9340479	9349819	9342323	0.07	cps
Strontium	86-1	1009474	1018681	1018367	1015507	0.51	cps
Strontium	88-1	8906955	8962094	8829169	8899406	0.75	cps
Sulfur	34-1	5369781	5309704	5349003	5342829	0.57	cps
Terbium	159-1	21646876	21904140	21691284	21747433	0.63	cps
Terbium	159-2	12801726	12762727	12931682	12832045	0.69	cps
Thallium	203-1	1056697	1066000	1070183	1064293	0.65	cps
Thallium	205-1	2666345	2688443	2722641	2692476	1.05	cps
Tin	118-1	950694	957784	946922	951800	0.58	cps
Titanium	47-1	626342	631018	626121	627827	0.44	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	O4212-04MSDLX5	Instrumnet Name :	P7
Client Sample ID :	TOPSOIL-OU3-DENALI-	Dilution Factor :	5
Date & Time Acquired :	2023-09-05 18:50:38	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3491782	3497929	3456872	3482194	0.64	cps
Vanadium	51-2	412767	415854	416042	414888	0.44	cps
Yttrium	89-1	26933053	26673805	26421645	26676168	0.96	cps
Yttrium	89-2	5402466	5410732	5417758	5410318	0.14	cps
Zinc	66-2	919929	917728	917501	918386	0.15	cps
Zirconium	90-1	2073320	2109865	2086530	2089905	0.89	cps
Zirconium	91-1	456466	457050	457131	456882	0.08	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	O4212-04MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	TOPSOIL-OU3-DENALI-	Dilution Factor :	5
Date & Time Acquired :	2023-09-05 18:53:29	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2345687	2303349	2333199	2327411	0.93	cps
Antimony	121-1	1052661	1081983	1081877	1072173	1.58	cps
Arsenic	75-2	47576	48302	47349	47742	1.04	cps
Barium	135-1	1580685	1612502	1564959	1586049	1.53	cps
Barium	137-1	2755053	2835442	2787758	2792751	1.45	cps
Beryllium	9-1	244957	255350	252742	251016	2.15	cps
Bismuth	209-1	12314669	11924069	11981260	12073332	1.75	cps
Bismuth	209-2	8552088	8608072	8580059	8580073	0.33	cps
Bromine	81-1	31397	31677	30782	31285	1.46	cps
Bromine	81-2	280	260	257	266	4.75	cps
Cadmium	108-1	22661	22868	22902	22810	0.57	cps
Cadmium	106-1	45351	46765	46531	46216	1.64	cps
Cadmium	111-1	307582	316618	317404	313868	1.74	cps
Calcium	43-1	1810004	1881935	1858552	1850164	1.98	cps
Calcium	44-1	28811334	30183789	29961380	29652167	2.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	402418	403720	405484	403874	0.38	cps
Cobalt	59-2	675182	674906	671790	673959	0.28	cps
Copper	63-2	4348560	4302247	4316047	4322284	0.55	cps
Dysprosium	156-1	16857	17261	16937	17018	1.26	cps
Dysprosium	156-2	12032	11895	11338	11755	3.13	cps
Erbium	164-1	20228	20862	21266	20786	2.52	cps
Erbium	164-2	12953	13150	13006	13036	0.78	cps
Gadolinium	160-1	16827	17765	17838	17477	3.23	cps
Gadolinium	160-2	12292	11898	11915	12035	1.85	cps
Holmium	165-1	21950873	20935616	20936302	21274263	2.75	cps
Holmium	165-2	12818800	12876637	12964499	12886645	0.57	cps
Indium	115-1	17131170	16312090	16333243	16592167	2.81	cps
Indium	115-2	4689949	4629990	4707528	4675822	0.87	cps
Iron	56-2	28271815	28085678	28368605	28242032	0.51	cps
Iron	57-2	760428	762235	765863	762842	0.36	cps
Iron	54-2	1605530	1603459	1582438	1597142	0.80	cps
Krypton	83-1	183	237	180	200	15.90	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	O4212-04MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	TOPSOIL-OU3-DENALI-	Dilution Factor :	5
Date & Time Acquired :	2023-09-05 18:53:29	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4289744	4451362	4402712	4381273	1.89	cps
Lead	207-1	3696407	3844960	3829282	3790216	2.15	cps
Lead	208-1	16856497	17356466	17536079	17249681	2.04	cps
Lithium	6-1	4724317	4618430	4614091	4652279	1.34	cps
Magnesium	24-2	7177763	7059917	7067022	7101567	0.93	cps
Manganese	55-2	8694994	8825094	8691728	8737272	0.87	cps
Molybdenum	94-1	2593394	2636783	2672941	2634373	1.51	cps
Molybdenum	95-1	3318582	3365457	3362310	3348783	0.78	cps
Molybdenum	96-1	3623441	3751914	3730169	3701841	1.86	cps
Molybdenum	97-1	2047419	2128116	2127158	2100898	2.20	cps
Molybdenum	98-1	5184516	5431930	5398733	5338393	2.52	cps
Neodymium	150-1	19123	19407	19841	19457	1.86	cps
Neodymium	150-2	10200	9800	10217	10073	2.34	cps
Nickel	60-2	167483	167484	166870	167279	0.21	cps
Phosphorus	31-2	21926	21495	21555	21659	1.08	cps
Potassium	39-2	7626561	7610904	7609487	7615651	0.12	cps
Rhodium	103-1	15224551	14837929	14975851	15012777	1.31	cps
Rhodium	103-2	7664445	7612074	7646339	7640953	0.35	cps
Scandium	45-1	10335157	9936094	10004412	10091888	2.11	cps
Scandium	45-2	691638	700658	695316	695871	0.65	cps
Selenium	82-1	19066	19067	19422	19185	1.07	cps
Selenium	77-2	1490	1417	1483	1463	2.77	cps
Selenium	78-2	5414	5044	5361	5273	3.79	cps
Silicon	28-1	17702589	18182101	18118481	18001057	1.45	cps
Silver	107-1	1388904	1414821	1421923	1408550	1.23	cps
Silver	109-1	1332107	1361975	1361662	1351914	1.27	cps
Sodium	23-2	9075803	9009368	8989185	9024785	0.50	cps
Strontium	86-1	961621	986912	990243	979592	1.60	cps
Strontium	88-1	8533509	8809072	8841079	8727887	1.94	cps
Sulfur	34-1	5067382	5263152	5245060	5191865	2.08	cps
Terbium	159-1	22552435	21511195	21686440	21916690	2.54	cps
Terbium	159-2	13062614	12976710	12918050	12985791	0.56	cps
Thallium	203-1	1019508	1042136	1032502	1031382	1.10	cps
Thallium	205-1	2569306	2584590	2615758	2589885	0.91	cps
Tin	118-1	902870	928637	923409	918305	1.48	cps
Titanium	47-1	589413	614251	609761	604475	2.19	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	O4212-04MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	TOPSOIL-OU3-DENALI-	Dilution Factor :	5
Date & Time Acquired :	2023-09-05 18:53:29	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3307614	3490630	3356277	3384841	2.80	cps
Vanadium	51-2	406784	405246	402391	404807	0.55	cps
Yttrium	89-1	27718467	26482109	26585758	26928778	2.55	cps
Yttrium	89-2	5397462	5436261	5346681	5393468	0.83	cps
Zinc	66-2	896546	894107	890273	893642	0.35	cps
Zirconium	90-1	1989664	2049502	2017135	2018767	1.48	cps
Zirconium	91-1	432776	450820	448460	444019	2.21	cps

LB Number : LB127138 Operator : Jaswal
 Lab Sample ID : O4212-04ADLX5 Instrumnet Name : P7
 Client Sample ID : TOPSOIL-OU3-DENALI-4 Dilution Factor : 5
 Date & Time Acquired : 2023-09-05 18:56:21 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2427640	2412783	2399832	2413418	0.58	cps
Antimony	121-1	1073623	1110831	1100189	1094881	1.75	cps
Arsenic	75-2	49619	49138	49044	49267	0.63	cps
Barium	135-1	1609371	1698647	1670470	1659496	2.75	cps
Barium	137-1	2789895	2926701	2872421	2863005	2.41	cps
Beryllium	9-1	252273	262127	260465	258288	2.04	cps
Bismuth	209-1	12748453	12240973	12080471	12356632	2.82	cps
Bismuth	209-2	8739604	8637354	8718813	8698590	0.62	cps
Bromine	81-1	31026	31828	32132	31662	1.80	cps
Bromine	81-2	263	293	220	259	14.24	cps
Cadmium	108-1	22598	23569	23389	23185	2.23	cps
Cadmium	106-1	46865	46855	46859	46860	0.01	cps
Cadmium	111-1	316504	325649	325051	322402	1.59	cps
Calcium	43-1	1861929	1958660	1919595	1913395	2.54	cps
Calcium	44-1	29641832	30820312	30740990	30401045	2.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	419567	415864	414995	416809	0.58	cps
Cobalt	59-2	692512	694912	691486	692970	0.25	cps
Copper	63-2	4445402	4477132	4427386	4449973	0.57	cps
Dysprosium	156-1	17114	17481	17471	17355	1.20	cps
Dysprosium	156-2	12356	12295	11688	12113	3.05	cps
Erbium	164-1	20966	21917	21767	21550	2.37	cps
Erbium	164-2	13523	13123	13650	13432	2.05	cps
Gadolinium	160-1	17498	17995	17922	17805	1.51	cps
Gadolinium	160-2	12482	12632	12299	12471	1.34	cps
Holmium	165-1	22050649	20959635	20720356	21243546	3.34	cps
Holmium	165-2	13440444	13121596	12976222	13179421	1.80	cps
Indium	115-1	17504807	16467917	16419890	16797538	3.65	cps
Indium	115-2	4734107	4705450	4721899	4720485	0.30	cps
Iron	56-2	28889394	29359029	29061503	29103308	0.82	cps
Iron	57-2	787310	788307	789244	788287	0.12	cps
Iron	54-2	1634491	1627305	1615131	1625643	0.60	cps
Krypton	83-1	203	243	187	211	13.80	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	O4212-04ADLX5	Instrumnet Name :	P7
Client Sample ID :	TOPSOIL-OU3-DENALI-	Dilution Factor :	5
Date & Time Acquired :	2023-09-05 18:56:21	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4384037	4512588	4536777	4477801	1.83	cps
Lead	207-1	3866367	3953636	3984824	3934942	1.56	cps
Lead	208-1	17437574	17996976	17977926	17804159	1.78	cps
Lithium	6-1	4940140	4631705	4577567	4716471	4.15	cps
Magnesium	24-2	7478480	7397006	7287696	7387727	1.30	cps
Manganese	55-2	9129062	9160573	9032191	9107275	0.73	cps
Molybdenum	94-1	2672332	2754838	2731593	2719588	1.56	cps
Molybdenum	95-1	3388469	3507329	3432902	3442900	1.74	cps
Molybdenum	96-1	3706781	3875382	3817973	3800045	2.26	cps
Molybdenum	97-1	2111669	2151378	2129144	2130730	0.93	cps
Molybdenum	98-1	5330187	5577815	5558488	5488830	2.51	cps
Neodymium	150-1	19944	20285	20361	20197	1.10	cps
Neodymium	150-2	10604	10597	10290	10497	1.71	cps
Nickel	60-2	174112	171964	169864	171980	1.24	cps
Phosphorus	31-2	22340	22470	22089	22300	0.87	cps
Potassium	39-2	7922239	7960733	7831270	7904747	0.84	cps
Rhodium	103-1	15576591	14847386	14759398	15061125	2.98	cps
Rhodium	103-2	7628268	7720291	7753451	7700670	0.84	cps
Scandium	45-1	10630586	10168502	10017179	10272089	3.11	cps
Scandium	45-2	704199	706072	694854	701708	0.86	cps
Selenium	82-1	19429	19750	19769	19650	0.97	cps
Selenium	77-2	1457	1597	1597	1550	5.21	cps
Selenium	78-2	5218	5158	5154	5177	0.69	cps
Silicon	28-1	17904409	18559237	18423424	18295690	1.89	cps
Silver	107-1	1412423	1464689	1462419	1446510	2.04	cps
Silver	109-1	1362288	1401375	1393284	1385649	1.49	cps
Sodium	23-2	9337756	9487317	9331028	9385367	0.94	cps
Strontium	86-1	985678	1014169	1011607	1003818	1.57	cps
Strontium	88-1	8683763	9076617	8973199	8911193	2.29	cps
Sulfur	34-1	5205520	5353892	5353691	5304367	1.61	cps
Terbium	159-1	22875042	21814481	21657504	22115676	2.99	cps
Terbium	159-2	13008480	13052700	12881848	12981010	0.68	cps
Thallium	203-1	1036353	1070037	1060840	1055743	1.65	cps
Thallium	205-1	2658180	2768742	2712666	2713196	2.04	cps
Tin	118-1	918110	944603	947873	936862	1.74	cps
Titanium	47-1	600906	621521	627898	616775	2.29	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	O4212-04ADLX5	Instrumnet Name :	P7
Client Sample ID :	TOPSOIL-OU3-DENALI-	Dilution Factor :	5
Date & Time Acquired :	2023-09-05 18:56:21	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3428707	3579445	3535922	3514691	2.21	cps
Vanadium	51-2	418411	419046	417954	418470	0.13	cps
Yttrium	89-1	28077879	27234528	26858375	27390260	2.28	cps
Yttrium	89-2	5416828	5460306	5427653	5434929	0.42	cps
Zinc	66-2	919645	924534	917967	920715	0.37	cps
Zirconium	90-1	2023479	2113674	2105381	2080845	2.40	cps
Zirconium	91-1	446099	461369	462457	456641	2.00	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 18:59:11	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11746383	11797750	11864437	11802857	0.50	cps
Antimony	121-1	5181869	5298579	5268049	5249499	1.15	cps
Arsenic	75-2	222030	220730	223480	222080	0.62	cps
Barium	135-1	7338677	7522209	7478523	7446470	1.29	cps
Barium	137-1	12729556	12992462	12834800	12852273	1.03	cps
Beryllium	9-1	1167705	1202179	1166778	1178887	1.71	cps
Bismuth	209-1	10952919	10787754	10782572	10841082	0.89	cps
Bismuth	209-2	7719483	7755092	7718255	7730943	0.27	cps
Bromine	81-1	29580	30361	30318	30086	1.46	cps
Bromine	81-2	267	233	220	240	10.02	cps
Cadmium	108-1	105097	104822	105171	105030	0.18	cps
Cadmium	106-1	161568	162073	161045	161562	0.32	cps
Cadmium	111-1	1348440	1353920	1348722	1350361	0.23	cps
Calcium	43-1	8562883	8578431	8739865	8627060	1.14	cps
Calcium	44-1	136534228	136210705	136114091	136286341	0.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1989128	1970571	1994879	1984859	0.64	cps
Cobalt	59-2	3171910	3161543	3133486	3155646	0.63	cps
Copper	63-2	21607833	21579206	21521828	21569622	0.20	cps
Dysprosium	156-1	1573	1557	1503	1545	2.37	cps
Dysprosium	156-2	1207	1343	1247	1266	5.55	cps
Erbium	164-1	367	393	390	383	3.79	cps
Erbium	164-2	243	297	293	278	10.75	cps
Gadolinium	160-1	1557	1767	1740	1688	6.77	cps
Gadolinium	160-2	1797	1743	1833	1791	2.53	cps
Holmium	165-1	20377165	20473300	20087007	20312491	0.99	cps
Holmium	165-2	12658690	12625634	12717632	12667319	0.37	cps
Indium	115-1	15348846	15258227	15113533	15240202	0.78	cps
Indium	115-2	4349481	4389141	4345714	4361445	0.55	cps
Iron	56-2	432641900	428528927	426189594	429120140	0.76	cps
Iron	57-2	10699773	10710676	10623855	10678101	0.44	cps
Iron	54-2	23733466	23293324	23808771	23611854	1.18	cps
Krypton	83-1	233	223	223	227	2.55	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 18:59:11	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	21348935	21633860	21718941	21567245	0.90	cps
Lead	207-1	18492527	18833686	19065016	18797077	1.53	cps
Lead	208-1	84849841	85745224	86615363	85736809	1.03	cps
Lithium	6-1	4336084	4322295	4201634	4286671	1.73	cps
Magnesium	24-2	111799238	111390542	110455718	111215166	0.62	cps
Manganese	55-2	14527161	14411284	14521109	14486518	0.45	cps
Molybdenum	94-1	19954980	20240340	20103643	20099654	0.71	cps
Molybdenum	95-1	28443109	28575619	28919565	28646097	0.86	cps
Molybdenum	96-1	31057481	31051814	31269355	31126216	0.40	cps
Molybdenum	97-1	17713964	17567076	17772784	17684608	0.60	cps
Molybdenum	98-1	45402394	45932833	46198653	45844627	0.88	cps
Neodymium	150-1	1113	1227	1060	1133	7.51	cps
Neodymium	150-2	263	283	333	293	12.29	cps
Nickel	60-2	768517	775036	771505	771686	0.42	cps
Phosphorus	31-2	126249	123003	122828	124026	1.55	cps
Potassium	39-2	56522206	56241496	56846786	56536829	0.54	cps
Rhodium	103-1	13458401	13119606	13165961	13247989	1.39	cps
Rhodium	103-2	6918204	6922169	6915941	6918771	0.05	cps
Scandium	45-1	9759602	9653235	9667852	9693563	0.59	cps
Scandium	45-2	676578	673462	676547	675529	0.27	cps
Selenium	82-1	90915	91664	91173	91251	0.42	cps
Selenium	77-2	7008	6625	6835	6823	2.81	cps
Selenium	78-2	23679	23843	24220	23914	1.16	cps
Silicon	28-1	76650429	77694962	76719806	77021732	0.76	cps
Silver	107-1	6782777	6815039	6787623	6795146	0.26	cps
Silver	109-1	6577679	6468813	6539000	6528497	0.85	cps
Sodium	23-2	182332757	179979811	181010111	181107560	0.65	cps
Strontium	86-1	47209866	47153236	47170208	47177770	0.06	cps
Strontium	88-1	414086941	412856487	414361860	413768429	0.19	cps
Sulfur	34-1	885584	899583	888503	891223	0.83	cps
Terbium	159-1	20854224	20883628	20490120	20742657	1.06	cps
Terbium	159-2	12373629	12586824	12540369	12500274	0.90	cps
Thallium	203-1	5248229	5363172	5336664	5316022	1.13	cps
Thallium	205-1	12578113	12770836	12789842	12712930	0.92	cps
Tin	118-1	4771210	4802946	4774442	4782866	0.37	cps
Titanium	47-1	7670895	7656585	7642531	7656670	0.19	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 18:59:11	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16942631	16974991	16958296	16958639	0.10	cps
Vanadium	51-2	1745250	1716704	1730419	1730791	0.82	cps
Yttrium	89-1	25720660	25262133	24902267	25295020	1.62	cps
Yttrium	89-2	5169168	5201414	5174385	5181656	0.33	cps
Zinc	66-2	3235706	3232173	3254375	3240751	0.37	cps
Zirconium	90-1	10437793	10505516	10663735	10535682	1.10	cps
Zirconium	91-1	2301174	2344036	2340420	2328543	1.02	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 19:01:55	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	600	630	590	607	3.43	cps
Antimony	121-1	4197	3754	3517	3823	9.03	cps
Arsenic	75-2	33	23	33	30	19.25	cps
Barium	135-1	1223	647	507	792	47.95	cps
Barium	137-1	2220	1153	750	1375	55.26	cps
Beryllium	9-1	793	667	533	664	19.57	cps
Bismuth	209-1	12517377	12113770	12201680	12277609	1.73	cps
Bismuth	209-2	8812113	8803309	8839709	8818377	0.22	cps
Bromine	81-1	29439	29613	29784	29612	0.58	cps
Bromine	81-2	103	103	123	110	10.49	cps
Cadmium	108-1	43	37	53	44	18.87	cps
Cadmium	106-1	14100	12916	12592	13203	6.01	cps
Cadmium	111-1	10130	9232	8977	9446	6.41	cps
Calcium	43-1	2760	2120	1847	2242	20.91	cps
Calcium	44-1	54876	42918	38232	45342	18.93	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1833	1693	1613	1713	6.50	cps
Cobalt	59-2	400	397	410	402	1.72	cps
Copper	63-2	2450	2387	2360	2399	1.93	cps
Dysprosium	156-1	40	43	50	44	11.46	cps
Dysprosium	156-2	17	10	7	11	45.82	cps
Erbium	164-1	127	123	140	130	6.78	cps
Erbium	164-2	93	110	93	99	9.73	cps
Gadolinium	160-1	180	143	207	177	18.00	cps
Gadolinium	160-2	790	730	930	817	12.57	cps
Holmium	165-1	21648095	21094163	20809056	21183771	2.01	cps
Holmium	165-2	12956396	12781074	12713839	12817103	0.98	cps
Indium	115-1	17254879	16535937	16458056	16749624	2.62	cps
Indium	115-2	4691230	4696852	4724612	4704232	0.38	cps
Iron	56-2	29646	27999	27555	28400	3.88	cps
Iron	57-2	1437	1447	1357	1413	3.49	cps
Iron	54-2	2844	2507	2407	2586	8.85	cps
Krypton	83-1	197	133	170	167	19.08	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 19:01:55	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5034	3534	2680	3749	31.78	cps
Lead	207-1	4421	3044	2487	3317	30.01	cps
Lead	208-1	20563	13980	11259	15267	31.34	cps
Lithium	6-1	4747620	4616502	4597163	4653762	1.76	cps
Magnesium	24-2	3594	3297	3314	3402	4.90	cps
Manganese	55-2	1037	1180	1010	1076	8.50	cps
Molybdenum	94-1	4224	2847	1993	3021	37.25	cps
Molybdenum	95-1	5888	3530	2504	3974	43.66	cps
Molybdenum	96-1	6592	3931	2827	4450	43.49	cps
Molybdenum	97-1	3600	2090	1550	2414	44.03	cps
Molybdenum	98-1	9607	5591	3884	6361	46.19	cps
Neodymium	150-1	23	23	7	18	54.11	cps
Neodymium	150-2	13	13	10	12	15.73	cps
Nickel	60-2	223	217	283	241	15.23	cps
Phosphorus	31-2	613	570	630	604	5.12	cps
Potassium	39-2	82824	82951	81486	82420	0.98	cps
Rhodium	103-1	15400562	15031486	14857825	15096624	1.84	cps
Rhodium	103-2	7766154	7828597	7823333	7806028	0.44	cps
Scandium	45-1	10364894	10085273	9959301	10136489	2.05	cps
Scandium	45-2	698699	692948	691618	694422	0.54	cps
Selenium	82-1	10	72	46	42	73.62	cps
Selenium	77-2	3	7	7	6	34.70	cps
Selenium	78-2	140	187	167	164	14.24	cps
Silicon	28-1	390690	378765	377137	382197	1.94	cps
Silver	107-1	2144	1293	930	1456	42.78	cps
Silver	109-1	1977	1307	770	1351	44.75	cps
Sodium	23-2	87872	85314	84390	85859	2.10	cps
Strontium	86-1	7115	3540	2207	4288	59.20	cps
Strontium	88-1	61566	29090	16653	35770	64.83	cps
Sulfur	34-1	356350	361402	364925	360892	1.19	cps
Terbium	159-1	21910149	21288592	21322034	21506925	1.63	cps
Terbium	159-2	12939268	12880064	12727238	12848857	0.85	cps
Thallium	203-1	1740	1093	1020	1285	30.85	cps
Thallium	205-1	4017	2827	2440	3095	26.56	cps
Tin	118-1	3064	2470	2377	2637	14.13	cps
Titanium	47-1	1610	1080	773	1155	36.67	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 19:01:55	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3440	2510	1733	2561	33.37	cps
Vanadium	51-2	120	107	107	111	6.93	cps
Yttrium	89-1	26532010	26323785	25858900	26238232	1.31	cps
Yttrium	89-2	5373465	5341790	5272116	5329124	0.97	cps
Zinc	66-2	13888	13791	14304	13994	1.95	cps
Zirconium	90-1	3030	2027	1867	2308	27.33	cps
Zirconium	91-1	613	457	343	471	28.78	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	PB155330TB	Instrumnet Name :	P7
Client Sample ID :	PB155330TB	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 19:05:10	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	427	433	440	433	1.54	cps
Antimony	121-1	1067	1097	1150	1105	3.82	cps
Arsenic	75-2	17	7	20	14	48.02	cps
Barium	135-1	180	190	173	181	4.63	cps
Barium	137-1	300	303	370	324	12.17	cps
Beryllium	9-1	357	383	383	374	4.11	cps
Bismuth	209-1	11965901	12263055	12230629	12153195	1.34	cps
Bismuth	209-2	9617537	9615831	8734255	9322541	5.46	cps
Bromine	81-1	29333	29526	29703	29521	0.63	cps
Bromine	81-2	83	130	73	96	31.66	cps
Cadmium	108-1	30	47	33	37	24.06	cps
Cadmium	106-1	12842	13730	13129	13234	3.42	cps
Cadmium	111-1	9065	9688	9291	9348	3.37	cps
Calcium	43-1	1497	1537	1547	1527	1.73	cps
Calcium	44-1	32966	32451	31853	32424	1.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1663	1687	1697	1682	1.02	cps
Cobalt	59-2	323	317	323	321	1.20	cps
Copper	63-2	2023	1953	1837	1938	4.87	cps
Dysprosium	156-1	43	17	47	36	46.24	cps
Dysprosium	156-2	20	30	20	23	24.74	cps
Erbium	164-1	147	157	150	151	3.37	cps
Erbium	164-2	93	93	100	96	4.03	cps
Gadolinium	160-1	160	193	157	170	11.93	cps
Gadolinium	160-2	920	893	890	901	1.82	cps
Holmium	165-1	20497833	20733414	20986895	20739381	1.18	cps
Holmium	165-2	13959930	14024630	12768493	13584351	5.21	cps
Indium	115-1	16142702	16465947	16706698	16438449	1.72	cps
Indium	115-2	5130126	5078396	4678433	4962318	4.98	cps
Iron	56-2	17437	17704	17183	17441	1.49	cps
Iron	57-2	1060	1013	1047	1040	2.31	cps
Iron	54-2	2067	1837	2020	1975	6.16	cps
Krypton	83-1	160	133	167	153	11.50	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	PB155330TB	Instrumnet Name :	P7
Client Sample ID :	PB155330TB	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 19:05:10	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1693	1633	1690	1672	2.02	cps
Lead	207-1	1553	1473	1460	1496	3.38	cps
Lead	208-1	6944	6844	6674	6821	2.00	cps
Lithium	6-1	4630966	4712510	4617884	4653787	1.10	cps
Magnesium	24-2	1237	1280	1247	1255	1.81	cps
Manganese	55-2	750	737	773	753	2.46	cps
Molybdenum	94-1	643	653	680	659	2.88	cps
Molybdenum	95-1	607	553	473	544	12.33	cps
Molybdenum	96-1	690	733	703	709	3.13	cps
Molybdenum	97-1	367	383	400	383	4.35	cps
Molybdenum	98-1	1017	813	777	869	14.88	cps
Neodymium	150-1	10	13	10	11	17.30	cps
Neodymium	150-2	7	10	7	8	24.71	cps
Nickel	60-2	257	220	193	223	14.24	cps
Phosphorus	31-2	707	667	610	661	7.35	cps
Potassium	39-2	81590	81704	80170	81155	1.05	cps
Rhodium	103-1	14770399	15160511	15158353	15029754	1.49	cps
Rhodium	103-2	8504517	8443443	7811613	8253191	4.65	cps
Scandium	45-1	9777722	9986503	10130090	9964772	1.78	cps
Scandium	45-2	758438	770234	702258	743643	4.88	cps
Selenium	82-1	44	106	69	73	43.02	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	167	167	190	174	7.72	cps
Silicon	28-1	354594	355041	355023	354886	0.07	cps
Silver	107-1	347	350	317	338	5.44	cps
Silver	109-1	277	233	227	246	11.06	cps
Sodium	23-2	71555	71847	72292	71898	0.52	cps
Strontium	86-1	367	357	357	360	1.60	cps
Strontium	88-1	1367	1133	1017	1172	15.20	cps
Sulfur	34-1	371092	376095	372438	373209	0.69	cps
Terbium	159-1	21240542	21077332	21387829	21235234	0.73	cps
Terbium	159-2	13948194	13922732	12943624	13604850	4.21	cps
Thallium	203-1	730	710	723	721	1.41	cps
Thallium	205-1	1750	1627	1693	1690	3.65	cps
Tin	118-1	1967	2024	1937	1976	2.23	cps
Titanium	47-1	387	267	370	341	19.06	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	PB155330TB	Instrumnet Name :	P7
Client Sample ID :	PB155330TB	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 19:05:10	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1290	1253	1253	1266	1.67	cps
Vanadium	51-2	130	110	93	111	16.52	cps
Yttrium	89-1	25706120	26290332	26156232	26050895	1.17	cps
Yttrium	89-2	5802045	5788090	5337601	5642579	4.68	cps
Zinc	66-2	15695	15472	13997	15055	6.13	cps
Zirconium	90-1	1057	1067	1180	1101	6.22	cps
Zirconium	91-1	170	173	237	193	19.43	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P7
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 19:28:13	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11867951	11709192	11784254	11787132	0.67	cps
Antimony	121-1	5166731	5193218	5193236	5184395	0.30	cps
Arsenic	75-2	211697	211769	214013	212493	0.62	cps
Barium	135-1	7313785	7355352	7343136	7337424	0.29	cps
Barium	137-1	12580959	12550797	12553321	12561692	0.13	cps
Beryllium	9-1	1167623	1138220	1166702	1157515	1.44	cps
Bismuth	209-1	10440589	10453534	10434263	10442795	0.09	cps
Bismuth	209-2	7625059	7609242	7654321	7629540	0.30	cps
Bromine	81-1	30922	30645	31153	30907	0.82	cps
Bromine	81-2	333	313	300	316	5.32	cps
Cadmium	108-1	102398	104040	102673	103037	0.85	cps
Cadmium	106-1	159104	160102	157806	159004	0.72	cps
Cadmium	111-1	1315140	1327447	1324830	1322472	0.49	cps
Calcium	43-1	8556278	8464086	8516267	8512210	0.54	cps
Calcium	44-1	135304435	135250341	135581778	135378851	0.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1976580	1988235	1932807	1965874	1.49	cps
Cobalt	59-2	3022260	3003944	3004207	3010137	0.35	cps
Copper	63-2	20226981	20257456	20345238	20276558	0.30	cps
Dysprosium	156-1	1533	1397	1597	1509	6.77	cps
Dysprosium	156-2	1200	1083	1217	1167	6.23	cps
Erbium	164-1	380	333	357	357	6.54	cps
Erbium	164-2	270	217	250	246	10.97	cps
Gadolinium	160-1	1573	1533	1610	1572	2.44	cps
Gadolinium	160-2	1683	1660	1710	1685	1.49	cps
Holmium	165-1	19746446	20161505	19831067	19913006	1.10	cps
Holmium	165-2	12407249	12412224	12562936	12460803	0.71	cps
Indium	115-1	14914844	15083181	15148660	15048895	0.80	cps
Indium	115-2	4328985	4368095	4371535	4356205	0.54	cps
Iron	56-2	426276314	420254580	421343060	422624651	0.76	cps
Iron	57-2	10621141	10470500	10429589	10507076	0.96	cps
Iron	54-2	23128171	23408926	23302557	23279885	0.61	cps
Krypton	83-1	240	237	210	229	7.18	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P7
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 19:28:13	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	20854783	20574683	20682282	20703916	0.68	cps
Lead	207-1	17998238	18048421	17950911	17999190	0.27	cps
Lead	208-1	82108437	81884875	82404419	82132577	0.32	cps
Lithium	6-1	4304457	4278614	4217545	4266872	1.05	cps
Magnesium	24-2	110935872	110060208	109942598	110312893	0.49	cps
Manganese	55-2	14173094	14330990	14277114	14260399	0.56	cps
Molybdenum	94-1	19726770	19667416	19466729	19620305	0.69	cps
Molybdenum	95-1	28116242	28155691	28035848	28102594	0.22	cps
Molybdenum	96-1	30554350	30699480	30888122	30713984	0.54	cps
Molybdenum	97-1	17355312	17470623	17603216	17476384	0.71	cps
Molybdenum	98-1	44875844	45027911	45024391	44976049	0.19	cps
Neodymium	150-1	1153	1033	1020	1069	6.87	cps
Neodymium	150-2	277	283	330	297	9.80	cps
Nickel	60-2	736636	736636	734898	736056	0.14	cps
Phosphorus	31-2	122770	122989	123332	123031	0.23	cps
Potassium	39-2	56899346	56396601	56828956	56708301	0.48	cps
Rhodium	103-1	13195805	13205981	13311777	13237854	0.49	cps
Rhodium	103-2	6955978	6904484	6830268	6896910	0.92	cps
Scandium	45-1	9923313	9950879	9805400	9893197	0.78	cps
Scandium	45-2	679280	677194	672822	676432	0.49	cps
Selenium	82-1	86262	87404	86847	86838	0.66	cps
Selenium	77-2	7052	6652	6595	6766	3.68	cps
Selenium	78-2	22033	22457	22874	22455	1.87	cps
Silicon	28-1	76731774	76749077	76529307	76670053	0.16	cps
Silver	107-1	6435963	6478543	6512187	6475565	0.59	cps
Silver	109-1	6094353	6241934	6283348	6206545	1.60	cps
Sodium	23-2	180845184	177670277	178077117	178864193	0.97	cps
Strontium	86-1	46583874	46052509	46313088	46316490	0.57	cps
Strontium	88-1	410045581	405039247	413331901	409472243	1.02	cps
Sulfur	34-1	901033	903795	897554	900794	0.35	cps
Terbium	159-1	20409228	20438069	20716213	20521170	0.83	cps
Terbium	159-2	12533816	12383375	12312736	12409976	0.91	cps
Thallium	203-1	5069109	5113483	5097575	5093389	0.44	cps
Thallium	205-1	12175253	12143401	12168275	12162310	0.14	cps
Tin	118-1	4635556	4696125	4707464	4679715	0.83	cps
Titanium	47-1	7637430	7641794	7595890	7625038	0.33	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P7
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 19:28:13	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16019881	16176356	16125328	16107188	0.50	cps
Vanadium	51-2	1724354	1727942	1736602	1729633	0.36	cps
Yttrium	89-1	25535258	25190811	25145770	25290613	0.84	cps
Yttrium	89-2	5157056	5135929	5142629	5145205	0.21	cps
Zinc	66-2	3016740	3021660	3024661	3021020	0.13	cps
Zirconium	90-1	10338410	10341174	10223856	10301147	0.65	cps
Zirconium	91-1	2309033	2356378	2312488	2325967	1.13	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P7
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 19:34:37	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	883	790	770	814	7.43	cps
Antimony	121-1	1680	1870	1823	1791	5.53	cps
Arsenic	75-2	10	23	30	21	48.24	cps
Barium	135-1	370	247	230	282	27.10	cps
Barium	137-1	520	523	463	502	6.71	cps
Beryllium	9-1	413	480	483	459	8.61	cps
Bismuth	209-1	12170462	12105445	11859822	12045243	1.36	cps
Bismuth	209-2	8747762	8826639	8883290	8819231	0.77	cps
Bromine	81-1	30705	29867	30452	30341	1.42	cps
Bromine	81-2	127	103	97	109	14.47	cps
Cadmium	108-1	63	33	27	41	47.50	cps
Cadmium	106-1	12539	12252	12209	12333	1.46	cps
Cadmium	111-1	8836	8676	8634	8716	1.22	cps
Calcium	43-1	2207	2137	2000	2115	4.97	cps
Calcium	44-1	38255	38088	37576	37973	0.93	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1830	1857	1893	1860	1.71	cps
Cobalt	59-2	357	360	390	369	4.98	cps
Copper	63-2	2447	2434	2504	2461	1.51	cps
Dysprosium	156-1	20	53	30	34	49.66	cps
Dysprosium	156-2	13	30	7	17	72.11	cps
Erbium	164-1	190	123	147	153	22.06	cps
Erbium	164-2	100	70	83	84	17.80	cps
Gadolinium	160-1	167	183	180	177	4.99	cps
Gadolinium	160-2	760	737	880	792	9.71	cps
Holmium	165-1	21207396	20596389	20497204	20766997	1.85	cps
Holmium	165-2	12795772	12876161	12808944	12826959	0.34	cps
Indium	115-1	16916542	16650651	16687167	16751453	0.86	cps
Indium	115-2	4804287	4747068	4775978	4775778	0.60	cps
Iron	56-2	26597	26517	26326	26480	0.52	cps
Iron	57-2	1360	1393	1307	1353	3.23	cps
Iron	54-2	2574	2444	2490	2502	2.63	cps
Krypton	83-1	193	110	150	151	27.58	cps

LB Number :	LB127138	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P7
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired :	2023-09-05 19:34:37	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2197	2097	2087	2127	2.86	cps
Lead	207-1	1910	1907	1707	1841	6.33	cps
Lead	208-1	8428	8534	7898	8287	4.12	cps
Lithium	6-1	4600302	4559278	4591570	4583717	0.47	cps
Magnesium	24-2	2940	3074	2907	2974	2.97	cps
Manganese	55-2	977	943	1117	1012	9.09	cps
Molybdenum	94-1	1107	1063	1000	1057	5.08	cps
Molybdenum	95-1	1093	947	1020	1020	7.19	cps
Molybdenum	96-1	1190	1103	1050	1115	6.34	cps
Molybdenum	97-1	730	620	550	633	14.33	cps
Molybdenum	98-1	1720	1447	1617	1595	8.66	cps
Neodymium	150-1	3	17	10	10	66.70	cps
Neodymium	150-2	10	10	7	9	21.63	cps
Nickel	60-2	290	310	257	286	9.44	cps
Phosphorus	31-2	723	607	640	657	9.15	cps
Potassium	39-2	81275	81711	81916	81634	0.40	cps
Rhodium	103-1	15431371	15351173	15252114	15344886	0.59	cps
Rhodium	103-2	7968658	7933919	7884688	7929088	0.53	cps
Scandium	45-1	10210180	10213950	9936052	10120060	1.57	cps
Scandium	45-2	707464	700787	701625	703292	0.52	cps
Selenium	82-1	20	71	38	43	60.41	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	173	197	157	176	11.44	cps
Silicon	28-1	381334	379538	386702	382525	0.97	cps
Silver	107-1	370	397	430	399	7.54	cps
Silver	109-1	253	300	287	280	8.58	cps
Sodium	23-2	75936	75782	74171	75296	1.30	cps
Strontium	86-1	1193	1167	1077	1146	5.34	cps
Strontium	88-1	8449	7826	7689	7988	5.07	cps
Sulfur	34-1	363672	364473	370204	366116	0.97	cps
Terbium	159-1	21613997	21505204	21182108	21433770	1.05	cps
Terbium	159-2	12881435	12888533	12941916	12903961	0.26	cps
Thallium	203-1	820	847	797	821	3.05	cps
Thallium	205-1	1937	1887	1853	1892	2.22	cps
Tin	118-1	2114	2377	2367	2286	6.53	cps
Titanium	47-1	410	307	470	396	20.89	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1413	1530	1440	1461	4.18	cps
Vanadium	51-2	103	97	103	101	3.80	cps
Yttrium	89-1	26500025	26590601	25944959	26345195	1.33	cps
Yttrium	89-2	5443303	5371395	5327885	5380861	1.08	cps
Zinc	66-2	14475	14535	14884	14632	1.51	cps
Zirconium	90-1	1357	1370	1373	1367	0.65	cps
Zirconium	91-1	240	227	277	248	10.45	cps